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PREFACE

ABOUT THIS DOCUMENT

Euronext has developed a suite of reporting services to support the implementation of MiFID II.

These services will be operated via a new tool named Saturn, which is composed of a Web API and a Webbased User Interface (UI) offering a number of features to clients. This document describes how to use the Saturn User Interface (UI) as a support of the global reporting services provided by Euronext.

Please note that this version of the User Guide covers the Transaction Reporting, ARM functional services as well as Admin features and Off Book On Exchange (OBOE) services..

TARGET AUDIENCE

This document should be read by clients who have subscribed to one of the following MiFID II Euronext Reporting Services:

- Transaction Reporting on Euronext Markets conducted directly by Euronext Members;
- Transaction Reporting on Euronext Markets conducted by Euronext Members not Subject to MIFIR;
- ARM transaction reporting service;
- APA Post-Trade publication service;
- APA Pre-Trade publication for a SI (Systematic Internaliser) ;
- OBOE (Off Book On Exchange) services

ASSOCIATED DOCUMENTS

This document must be read in conjunction with the documents below, available under:

- <u>APA ARM web page</u> > Background Information: MiFID II Euronext APA/ARM Functional overview
- MiFID II web page > Background Information: Euronext Global Reporting Solution Saturn Web Service Specifications

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- EMS Customer Technical Support Group at +33 1 85 148 588 or <u>ctsg@euronext.com</u>

WHAT'S NEW?

The following lists the most recent modification made to this version. For the Document History table, see the Appendix.

VERSION NO.	DATE	AUTHOR	CHANGE DESCRIPTION	
1.0	October 2017	Euronext	Initial version – Transaction Reporting & Administration	
2.0	October 2017	Euronext	Version ready for publication to clients	
2.0	November 2017	Euronext	Update on the Admin and ARM	
2.1	December 2017	Euronext	Update links to connect in the EUA and Productions environments; update contact for RSA SecurID issues	
2.2	August 2018	Euronext	Adding OTC Cleared and Commodities Spot Month Indicator	
2.3	October 2018	Euronext	 Completed section 6. Approved Publication Arrangement (APA) Added New Section 7. Off Book on Exchange (OBOE) for Members Profile 	

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1. OVERVIEW

1.1 MIFID II EURONEXT REPORTING SERVICES

The revised version of MiFID I and the introduction of the Markets in Financial Instruments Regulation ("MiFIR") are collectively referred to as MiFID II. The laws and regulations of MiFID II will be effective as of January 3, 2018. When MiFID II comes into force, each investment firm in a transaction chain will be responsible for reporting data relating to transactions executed in financial instruments (and all instruments where the underlying is a financial instrument traded on a trading venue) that are traded or admitted to trading on a trading venue (regulated market, MTF or OTF). Such transactions must be reported regardless of the place of execution. The data from these transactions should be reported to National Competent Authorities (NCA) in a complete and accurate manner by the end of the next business day at the latest.

Euronext is launching a powerful suite of reporting tools that enable Investment Firms to meet trade publication and transaction reporting obligations specified under MiFID II. The Approved Publication Arrangement (APA) and Approved Reporting Mechanism (ARM) services are available to members and non-members. With these services, clients can benefit from a user-friendly and reliable entry system to report transactions to all major EU regulators and publish their trades to the marketplace.

The services include a multi-asset service package and offers pan-EU coverage for Cash, Derivatives and Commodities. The service also provides pre-trade transparency for 'Systematic Internaliser' quotes, allowing them to benefit from a single solution to meet transparency obligations. Trades in eligible instruments can also be passed through to the CCP and benefit from the central clearing guarantee.

Euronext applies the industry standard for publication with the FIX MMT protocol and the ESMA predefined ISO 2000022 standard for reporting to regulators.

Based on its expertise on transaction reporting and trade publication services since the introduction of MiFID I in 2007, Euronext has implemented a suite of MiFID II compliant reporting services including:

- Transaction Reporting for Euronext markets (for members);
- ARM reporting service
- APA for OTC Trade Publication
- APA for SI Quotes Publication
- Off Book on Exchange Service

These Euronext Reporting services are available to members and non-members upon subscription to the **Saturn** tool. These MiFID II compliant services provide a cost-effective and efficient means for subscribers to comply with their reporting obligations.

A single hub for regulatory reporting

Built to process a large number of reports every day the Saturn application is a one-stop regulatory reporting solution that can help subscribers to increase efficiency and reduce their reporting risks.

Whether supporting a single central reporting hub or rolling out multiple access-controlled and audited desktop installations, the Euronext Global Reporting Service offers a solution to suit clients' needs.

Fully MIFID II compliant Approved Transaction Reporting

The Saturn application is compliant with the most recent extensions of the **Markets in Financial Instruments Directive (MiFID II)**. It supports all mandated reporting instruments, including ESMA complaint Alternative Instrument Identifiers (AIIs) for derivative reporting. In accordance with article 25 of MiFID II, the service facilitates reporting to competent authorities.

Comprehensive validation

The Saturn application has been designed to provide real-time and comprehensive alerts, helping the clients to achieve a low rejection rate by competent authorities.

Easy correction

Clients can cancel or amend transactions submitted either via the Saturn Web service or the User Interface before submission to the competent authorities providing resilience and easing the process for resubmissions through a single portal.

Flexible messaging options

The Euronext Global Reporting service supports various formats (CSV XML, FIX) via real-time and batched messaging options, enabling clients to reduce integration risks and investment costs.

1.2 TRADE PUBLICATION AND TRANSACTION REPORTING FUNCTIONALITIES

As part of MiFID II regulation, Euronext Members as well as non-members must to report their daily transactions to their competent authority and make public the details of each trade executed outside of a trading venue.

The scope of instruments include both cash and derivatives instruments.

The Euronext APA / ARM services through the Saturn Web service and User Interface allow market participants in Europe to fulfil these obligations.

The Euronext Global Reporting service can be used for Transaction Reporting and Publication in compliance with MiFID II rules.

The application offers to its subscribers the ability to consult, compare and manage several types of operations for reporting and publication purposes:

- Transaction Reporting on Euronext Markets;
- ARM service for non-members on a multi-asset, pan-European coverage;
- APA Post-Trade publication;
- APA Pre-Trade publication for Systematic Internaliser (SI).

ASSOCIATED DOCUMENTATION

The following lists the associated documents, which either should be read in conjunction with this document or which provide relevant information to user regarding the other services:

- MiFID II Euronext APA ARM Functional Overview
- Euronext Saturn Web Services Specifications
- Euronext APA Optiq MDG Client Specifications

All these documents can be found in <u>Euronext APA / ARM services under MiFID II</u> page on the Euronext website.

ADDITIONAL INFORMATION ABOUT QUOTES AND TRADES

All market data regarding the Euronext APA is disseminated via MDG using the channels of the Trading reporting and publication Optiq segment.

For an exhaustive list of MDG channels, please refer to the Optiq MDG Feed configuration documents, which are provided per environment.

For an exhaustive list of messages please refer to the "Euronext APA Optiq MDG Client Specifications" document.

More specifically Euronext disseminates the following MDG files and messages associated to this service:

- APA Standing data (1027) message
 - ✓ The APA Standing Data provides minimum information to identify instruments.
- APA Quotes (1026) message
 - ✓ The APA Quotes message provides, for each instrument per Legal Entity Identifier (LEI), a bid and offer quote.
- APA Full Trade Information (1028)
 - ✓ The APA Full Trade Information provides the trade publication as reported by clients of the Euronext APA service.

2. GETTING STARTED

This section explains how to start the Saturn User Interface (UI).

As a thin client, no specific installation is required.

Please note that the Saturn User Interface is available in English only.

2.1 **RECOMMENDED BROWSER CONFIGURATION**

To fully benefit from the SATURN -Web application, Euronext recommends using:

- Internet Explorer 11.0 or higher;
- Chrome;
- Firefox version 51.0.

2.2 **CONFIGURATION**

The following table provides the links to connect to Saturn in EUA and Production environments.

Environment	URL
EUA	https://saturn-h.euronext.com
Production	https://saturn-p.euronext.com
EUA	https:// saturn-api-h.euronext.com
Production	https:// saturn-api-p.euronext.com

3. ADMININSTRATOR INTERFACE

This section provides an overview of the Administrator Interface. More specifically, it describes how to manage users and profiles.

3.1 **BEFORE THE FIRST CONNECTION**

 After signing a contract with Euronext, the New Participant must apply for access to the Saturn application.

To obtain the connection rights to the Saturn App interface, the Participant must submit his request to the CAS (Customer Access Services) via subscription form.

The form is available on the Euronext Connect Web Portal or in Paper version for the APA/ARM Services

From this request RSA SecurID[®] (Cards/Tokens/Soft Tokens) will be created and sent to the Participant for GUI access

For API Access, Security Certificates will be provided.

Following structure must be applied to work with Saturn interface:

- One Participant Administrator is required to define the User Profiles in the Saturn Admin GUI; For each Participant at least one Business Unit must be defined;
- Each Business Unit has a separate Identification Number in order to preserve the necessary confidentiality of Users activity;
- User with Supervisor Profile is able to track User's activity through Business Unit ID;
- User Profiles are defined based on GUI access & rights levels;
- As many Users as required for a given Participant.

Users can then be authorized or forbidden on Saturn Admin. Authorized Users are able to access all the functions that their Profile provides. However, only Euronext Users can access to Saturn Admin for Reporting and User's Control purposes

3.2 LOGGING IN

To log in to the Euronext Saturn User Interface, do the following:

- 1. Start a Web browser
- 2. Enter the appropriate secure domain address
- 3. The Euronext Saturn login box is displayed:



4. When the Saturn log-in page appears, enter a valid User ID and password.

The User ID and pin-code are given provided by the Euronext Customer Access Support (CAS) team along with a RSA SecurID[®].

The password is updated every 30 seconds and is obtained using the RSA SecurID[®]*, as follows:





Please note:

- That the RSA SecurID[®] can be a Card, a Token or a Soft Token
- For the first activation (each card has its own PIN code that cannot be used with another card), please contact CAS: + 33 1 8514 8589 to get the PIN code
- In case a RSA SecurID[®] is blocked, please contact CAS: + 33 1 8514 8589 with the identifier code (12 characters alphanumeric code chosen by the user, used for identification when contacting EMS by phone)
- The RSA SecurID[®] card
 - Wait until there are 6 grad bars on the left of the RSA SecurID[®] card screen
 - Enter the <u>PIN code*</u> on the RSA SecurID[®] card by using the number keys in white and finish by

pressing the symbol.

This will return a Password (N digits number).



The RSA SecurID[®] token

- Wait until there are 6 grad bars on the left of the RSA SecurID[®] Token screen.
- The password will be Pin code followed by the 6 digits Password.



For example: if the PIN code is: 123456, the password will be: 123456032848

The RSA SecurID[®] soft token

- The Soft Token is sent via email and it should be installed on a device (phone, computer, etc.)
- Enter the PIN code* on the RSA SecurID®

RSA SecurID			
enter PIN			
			PIN CODE
	V. 30		
1	2	3	
4	5	6	
7	8	9	
	0	×	
	\bigcirc		

- Once the Pin code is entered, the password will be generated



5. Enter the User ID and password in the Login fields:

WELCOME TO	240
User ID	
Password	
LOGIN	

6. Click the **Login** button

3.3 **ADMIN HOME PAGE**

The Admin home page admin allows the participant admin to manage Users, Profiles, Business Units and visualize information about the participant.

The Admin home page displays:

- Information about the Participants;
- List of Business Units and Users for each participant.

iew user 🎍 New Bu 😤 Filter	=				¢₿ admincas1
512 PARTICIPANTS		☑ < < <	PARTICIPANT DETAIL		
✓ <u>1</u> 2B TRADING (00028670) ○		4	Commercial Name:	3	28 TRADIN
 ₩ BU1 Adminfor2BT 			MIFID Compliant:		
💉 APISelenium 💿 🙆 OrderldUser 💿			Regulator:		N
123 TRADING (00028043)			LEI:		724500D0F3FMK7FPI2
1 INVESTMENTS (90000001) 9STREET CAPITAL MARKETS (00004358)			Participant Id:		000286
			Participant Type:		Trading Mem
ABN AMRO BANK (00029101) ABN AMRO BANK (00004742) 2			Is Activated:		
1 ABN AMRO BANK (00000623)			Is Suspended:		
• m ABN AMRO BANK (00029003) •			ARM Reporting:		
Image: ABN AMRO CLEARING BANK (00000687) Image: ABN AMRO CLEARING BANK (00000484) Image: ABN AMRO CLEARING BANK (000000484) Image: ABN AMRO CLEARING BANK (0000000484) Image: ABN AMRO CLEARING BANK (Print Reporting.		
ABN AMRO CLEARING BANK (00029645)			Commodity Reporting:		
ABN AMRO CLEARING CHICAGO (00004232)			APA pre-Trade:		
ABR FINANCIAL (00004276)			APA post-Trade:		

- 1. Access for the User Management or Profiles Management
- 2. Information regarding the Business Unit BU, Users (GUI/API)
- 3. Information of the Participant (ID; IP address for API; subscription
- 4. Export

Note that only the Admin can visualize the list of all Users and export it.

3.4 **BUSINESS UNIT DETAIL**

A Business Unit is a logical element or segment of a company and can group a list of users. A Business Unit is defined by Name and a TAG and at least one Business Unit must be defined for a Participant.

512 PARTICIPANTS 🔀 🖨 🦨 🖈		BUSINESS UNIT DETAIL	C 🛍
		Name:	BU1
Adminfor2BT O		tag:	BU1
💉 APISelenium 😋	L		

- 1. Name of the Business Unit;
- 2. Information relative to the Business Unit.

Note that:

- Users assigned to a deleted Business Unit will be assigned directly to the participant's root;
- Only Euronext has the rights to delete a Business Unit;
- If a Business Unit is deleted, only a supervisor can see the trades of users who were in this BU.

3.5 **USER MANAGEMENT**

Note:

- The GUI user/Supervisor are created by Euronext;
- The API user are created by the participant's Admin;
- The Admin has the possibility to "Edit" and move a user to "BU";
- The Admin has to assign a profile to fill user details.

3.5.1 User Information (GUI/API)



Click on this icon

- Select "Edit user". A new pop-up appears:

Participant	Business Unit
EURONEXT	- BU TEST
First Name	Last Name
stephane	dif
Login	Email
sdifrsa	sdif@euronext.com
Password	Password confirmation
Category	Profile
USER	READ SLC MANAGER
Validity End Date:	X YYYY-MM-DD
API	Suspend User User Locked

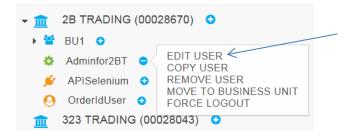
3.5.2 User update (GUI/API)

There are two ways available to update users:

1) With Edit USER:

To update the User, click the User Name from the list in the left part of screen.

The update is made at user level and is accessed by "Edit User":



User's information is displayed in the overlay. After updating the information, click on the **"Save"** button.

2) by clicking on the USER:

512 PARTICIPANTS	x 2 .* *
 ✓ <u>m</u> 2B TRADING (00028670) > [™] BU1 ◇ Adminfor2BT ◇ APISelenium ◇ OrderIdUser 	

A window is displayed on the right side with the user details. Click on the Update User icon below to update the user details:

USER DETAIL	Ø 🛃
First Name:	Orderld user
Last Name:	Orderld user
Participant:	2B TRADING
email:	orderid@euronext.com
API:	0
Profile:	Orderldmanager
Login:	OrderldUser
Category:	User
Is Locked:	
Is Suspended:	٥

C

UPDATE USER

Participant	Business Unit
2B TRADING	CHOOSE
First Name	Last Name
Orderld user	Orderld user
Login	Email
OrderldUser	orderid@euronext.com
Password	Password confirmation
Category USER	Profile CHOOSE
Validity End Date:	× YYYY-MM-DD
API	Suspend User User Locked
CANCEL	UPDATE

3.5.3 API User creation

Created Users are listed in the left part of screen.

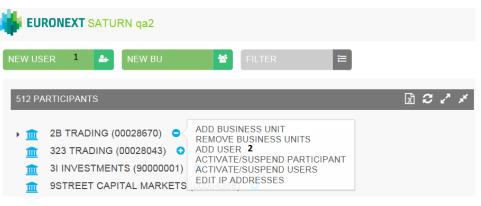
Upon the first connection, the Participant's Admin can see all created Users in the left part of screen and edit User's information.

It is important to add every User to a Business Unit and to a Profile in order to define the limits of User's actions.

There are two ways in the Admin window to create new users:

1) By clicking on new user;

2) By clicking on "ADD USER":



Participant	Business Unit
First Name	Last Name
TestUpdate	WithMasterAdmin
Login	Email
2BSelenium	2BSelenium@euronext.com
Password	Password confirmation
Category	Profile
USER	CHOOSE .
Validity End Date:	¥ YYYY-MM-DD
API	Suspend User User Locked

Fields	Description
Business Unit	A drop down menu allows the Participant administrator to choose a Business Unit
First Name	Free Text
Last Name	Free Text
Login	API login. This login is used when using the Saturn Web Services
Email	User e-mail
Password	 For the Saturn Web User Interface: password should be at least 8 characters length, contain at least 1 Upper case, 1 lower case, 1 digits and 1 special char For the API Saturn Web Service: Password should be at least 20 characters length, contain at least 3 Upper case, 3 lower case, 3 digits and 3 special char
Category	Choose User's category (Administrator, Supervisor or User)

Fields	Description
Profile	This field gives the User access to the different services with Read and/or Write access rights
Validity End Date	Expiration date for the User
API check	If ticked the User is defined as a User of the Saturn Web Services. Access to the Saturn User Interface is not permitted

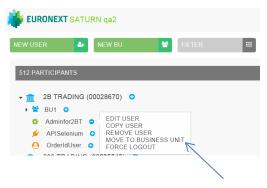
- Click on "Ask for DigiCert Certificate" to obtain a certificate necessary for the API rest. Please note that all information about the installation of the certificate is available on <u>https://www.euronext.com/en/mifid-2</u> > Saturn Web Services Specifications > Euronext – Saturn Web Services Specifications
- 2. Click on "CREATE" when fields are populated.

For API users IP address has to be defined at Participant level:

	MEAT SATUR	in yaz						
NEW USER	*	NEW BU	쓭	FILTER				
512 PART	ICIPANTS						x 2 x	x
32 31 95	B TRADING (00 23 TRADING (0 I INVESTMENT STREET CAPIT ddress is define	00028043) C S (90000001) TAL MARKETS	REMOVE ADD USEI ACTIVATE ACTIVATE	NESS UNIT BUSINESS UI R /SUSPEND P C/SUSPEND U DDRESSES	ARTICIPAN	IT		
		1Ps WH	TELIST FOR EXECUTION LIMITE	D Labe//Comment	د م م			
			DANCEL	S	SAVE			

3.6 MOVE TO BUSINESS UNIT

A user may be moved from one Business Unit to another one.



Choose the Business Unit and click on "OK":

MOVE UserARMAPAPo TO Business Unit BU001				
CANCEL	ОК			

3.7 **PROFILES**

Profiles are used to assign rights to Saturn services to users.

12 profiles are available by default:

- Admin
- Master Admin
- Read APA Post-Trade
- Read APA Pre-Trade
- Read ARM
- Read Commodities
- Read SLC manager
- Write APA Post-Trade
- Write APA Pre-Trade
- Write ARM
- Write Commodities
- Write SLC manager

Participant Admin can create, update or delete new profiles.

3.7.1 Profile Creation

To create a new profile click the button:

NEW PROFILE

A pop-up is displayed, enter the profile name and check the corresponding options to define the rights of the profile then click the **"CREATE"** button to save it:

TESTPROFILE	VIEW	CREATION	UPDATE	DELETE
APA post-Trade Dashboard				
Upload APA Post-Trade				
APA Pre-Trade Dashboard		10.00		
Dashboard ARM				
Dashboard ARM Trades		10.00	10.00	
Upload ARM Trades			11 - I	
Dashboard Commodities		10	11	
Upload Commodities				
OBOE Dashboard		10.00	11	
Upload OBOE				
Orderld manager				
Upload Orderld				
OTC matching		10.00	11	
Upload OTC Matching				
Profile Management				
Referencial manager				
SLC manager			10.00	
Upload SLC			11	
User Activity				
Users Management		10.00	11	10.00
User Unlock				
Suspend User			11	
Ip Addresse Management				
Business Unit Management				
User Reset Password			10.00	

Note that:

The profile name should be alphanumeric with no special character or space.

The new profile will appear in the profiles list:

NEW PROFILE 🗮	
17 PROFILES	C 2 *
 Admin AllRights AllRights MasterAdmin MasterAdmin OrderIdmanager profileSuperAdmin Read APA Post-Trade 	
 Read APA Pre-Trade • Read ARM • Read Commodities • Read Referential manager • Read SLC manager • TEST PROFILE • Write APA Post-Trade • 	
 Write APA Pre-Trade C Write ARM C Write Commodities C Write SLC manager C UserEmptyProfil C 	

3.7.2 **Profile Update**

To update an existing profile, select the profile to modify in the profiles list, then click on the **"Modify"** button:

17 PROFILES 🛛 🕹 🖍 🖈	PROFILE DETAIL				_ 🗹 🕯
Admin O	Name:				TEST PROFILE
All Orderidmanager	Updatable:				ß
	Last updated:	Last updated:			2018-09-12 17:14:06
Read APA Post-Trade Read APA Pre-Trade		VIEW	CREATION	UPDATE	DELETE
Read ARM O	APA post-Trade Dashboard	D			
Read Commodities	APA Pre-Trade Dashboard	0	0	0	
 Read Referential manager Read SLC manager 	Business Unit Management	0	0	0	0
	Dashboard ARM	0			
Write APA Post-Trade	Dashboard ARM Trades	0	Ì	0	
Write ARM	Dashboard Commodities	ſ.	0	0	
Write Commodities Write SLC manager	Ip Addresse Management		•		
O UserEmptyProfil O	OBOE Dashboard	0	€.	0	
	Orderld manager	0	0	0	

Or select "Edit PROFILE" in the action list of the selected profile:

18 PR0	DFILES C K
a ==	Admin 🔮
a ==	AllRightsARMProfile
▶ 🔤	AllServices 3
▶ 🔤	MasterAdmin 🧿
a ==	Orderldmanager 🧿
A ==	profileSuperAdmin 📀
A ==	Read APA Post-Trade 🛛 😏
	Read APA Pre-Trade 💿
▶ 🔤	Read ARM O
A ==	Read Commodities O
	Read SLC manager
A ==	TestProfileMaster C DELETE PROFILE MANAGE USERS
A ==	Write APA Post-Trade
A ==	Write APA Pre-Trade 🔹
€	Write ARM 📀
A ==	Write Commodities 📀
A ==	Write SLC manager 🧿

The update pop-up appears. After modifying the profile, click on the **"SAVE"** button:

UPDATE PROFILE				5
TESTPROFILE	VIEW	CREATION	UPDATE	DELETE
APA post-Trade Dashboard	V		1	
Upload APA Post-Trade			1 - C	
APA Pre-Trade Dashboard	v			
Dashboard ARM				
Dashboard ARM Trades				
Upload ARM Trades	V			
Dashboard Commodities	v			
Upload Commodities				
Orderld manager				
Upload Orderld			1	
Profile Management				
SLC manager				
Upload SLC				
Heor Activity	-			

Note that:

- Default profiles cannot be modified;
- Only Participant Admin can modify profiles.

3.7.3 *Profile Delete*

To delete an existing profile, select the profile to delete in the profiles list, then click on the **"Delete"** button:

18 PROFILES 🕹 🕹 🤞	PROFILE DETAIL				7
Admin O	Name:				TESTPROFILE
AllRightsARMProfile AllServices	Updatable:				¥
MasterAdmin O	Last updated:				2017-10-31 17:57:14
Orderldmanager O	cost apostos.				
an profileSuperAdmin O		VIEW	CREATION	UPDATE	DELETE
Read APA Post-Trade Read APA Pre-Trade	APA post-Trade Dashboard	œ	0	0	
Read ARM O					
Read Commodities	APA Pre-Trade Dashboard	¥			
Read SLC manager 0	Business Unit Management	0	0	0	
TESTPROFILE O	Dashboard ARM	0			
TestProfileMaster O					
Write APA Post-Trade	Dashboard ARM Trades	0	0		
Write APA Pre-Trade Write ARM	Dashboard Commodities	∀			
Write Commodities	Orderld manager	0	0	0	
Write SLC manager	-				
O UserEmptyProfil O	Profile Management	0			
	SLC manager	0			
	Suspend User				
	Upload APA Post-Trade	0		0	
	Upload ARM Trades	R			
	Upload Commodities	0		0	
	Upload Orderld	0			
	Upload SLC				

Or select "DELETE PROFILE" in the action list of the selected profile:

18 PRC	DFILES C X X
A ==	Admin 📀
A ==	AllRightsARMProfile 3
▶ 🔤	AllServices 🧿
• 🔤	MasterAdmin 😏
A ==	Orderldmanager 😏
A ==	profileSuperAdmin 😏
a =	Read APA Post-Trade 😏
A ==	Read APA Pre-Trade 📀
▶ 🔤	Read ARM 😌
a =	Read Commodities 😌
a =	Read SLC manager 🕓
A ==	
a ==	TestProfileMaster
A ==	Write APA Post-Trade
A ==	Write APA Pre-Trade 😏
▶ 🔤	Write ARM 💿
A ==	Write Commodities 3
a =	Write SLC manager 📀

Note that:

This functionality is available only to the Participant Admin profile with activated right "Delete".

If a profile assigned to a user is deleted, the user will not be able to connect to the application anymore.

3.7.4 Assign Profile

- Edit a GUI/Supervisor/API
- Select a profile available in the drop down list and click on "update"

			Ŭ
Participant		Business Unit	
EURONEXT	•	BU TEST	•
First Name		Last Name	
stephane		dif	
Login		Email	
sdifrsa		sdif@euronext.com	
Password		Password confirmation	
Category		Profile	
USER	•	READ SLC MANAGER	-
		CHOOSE	-
Validity End Date:		WRITE SLC MANAGER WRITE COMMODITIES	
		WRITE ARM	
API	Suspend		
		WRITE APA POST-TRADE	
		READ SLC MANAGER	

3.8 LOGGING OUT

To log out, click on the **LOGOUT** icon on the right side of screen:



4. USER INTERFACE

4.1 LOGGING IN

To log in to the Euronext Saturn User Interface, do the following:

- 1. Start a Web browser;
- 2. Enter the appropriate secure domain address;
- 3. The Euronext Saturn login box is displayed:

WELCOME TO	WELCOME TO	
User 1D	ine 19 Manual	
Pessword		
LOGIN		
		10.35
٩		

4. When the Saturn log-in page appears, enter a valid **User ID** (max eight characters) and the **password**.

The User ID and pin-code are provided by the Euronext Customer Access Support (CAS) team along with the SecurID[®].

The password is updated every 30 seconds and is obtained using the SecurID[®]*, as follows:

- Type the pin-code into the SecurID[®]*;
- The password will be displayed on the SecurID[®]* screen.

Enter the User ID and password in the Login fields:

User ID		
Password		
	Login	
	Login	

5. Click the **Login** button

EURONEXT SATURN 😤 DASHBOARD 🛱 AFA BARW REPORTING 🔊 AFA PRE-TRADE 🖤 COMMODITY REPORTING 🚍 SLC MANAGER 🧐 OTC TRADE 🚳 OBJEC TRADE 🖉 ORDER D MANAGER 🖄 REPORTING 🕲 AUDIT i bet1 • ARM & APA POST-TRADE OVERVIEW ß ALL REJECTER ALL CAN 0.01% 8 ALL PER 115.8K = 12 ALL FAILE ALERTS ALL CANCE 92 = INS OVERVIEW ALL CANCELLED ALL NOT 49 = RT/LONG CODE OVERVIEW ALL EUR ALL BOL ALL Sigma-ALL FAILE 13 ALL AX Block Trading 0.00% 2 ALL Morgan Stanle; 0.00% 125.0K = APA PRE-TRADE OVERVIEW PRIVATE 0 0 0

If the login is successful, the Saturn Home page appears :

Note that the Home page is dependent on the services subscribed to, i.e.:

- APA & ARM Reporting
- APA PRE-Trade publication
- OBOE Trades
- OTC Trades
- Commodity Positions reporting
- SLC Manager

4.2 LOGGING OUT

To log out, click on the **LOGOUT** icon on the right side of screen:

EURONEXT SATURN	🚯 CASHEGARD 🛱 APA KARM REPORTING 🔊 APA PRE-TRADE 😌 COMMODITY REPORTING 🔤 SLC MANAGER 🗐 OTC TRADE 🗐 OBDE TRADE 🗮 ORDER I	id manager 🛛 🗁 repository 🛛 💿 audit 🖉 🔽
	() bett	(i)
	REFRESHALL O	
ARM & APA POST-TRADE OVERVIEW		ď
Total Transactions ALL FAILED	13 ALL ISIN PENDING_239 EK ALL REJECTED 0 ALL CANCELLED 0 0.01% 0.00% 130 0.00% 0.01% 0.00% 0.00% 0.00% 0.00%	
DETAIL		
OFF-BOOK ON EXCHANGE OBOE		ď
Total Transactions ALL FAILED 92 5.43%	8 ALL CANCELLED 0 ALERTS 12 9 0.00% 13.04% 12	
DETAIL		
	I bett	•

4.3 TRANSACTION REPORTING & APA

After connecting to the Saturn application, the Dashboard page appears. This page provides a global view of all services to which the user is entitled.

The dashboard displays information about the total number of transactions uploaded by a user, number of all failed transaction, number of rejected transactions, number of cancelled transactions.

	N		😗 DASHBO	ARD =	APA & ARM REPORTING	<i>،</i> ه]	PA PRE-TRADE	IODITY	Y REPORTING	NAGE	R OTC TRADE OB	OE TRA	DE 📔 ORDER ID MANA	3ER 🔁 REP	OSITORY	AUDIT	1
													i bet1				۲
							REFRESH ALL	-	0								
ARM & APA POST-TRADE O	VERVIEW																ď
Total Transactions	ALL FAILED	13	ALL ISIN PENDING	39.8K	ALL REJECTED		ALL CANCELLED		ALL PENDING 0								
115.8K	0.01%		100%		0.00%		0.01%		0.00%								
DETAIL 🛤																	
OFF-BOOK ON EXCHANGE	OBOE																ß
Total Transactions 92	ALL FAILED	5	ALL CANCELLED	0	ALERTS	12											
DETAIL																	
POSITIONS OVERVIEW																	ď
Total Positions 49	ALL FAILED	35	ALL HEDGING	27	ALL NOT HEDGING	15	ALL CANCELLED 1										
DETAIL 🛤																	
SHORT/LONG CODE OVER	VIEW																ß
Total Codes	ALL FAILED	0	ALL EURONEXT	5	ALL BDL 0.00%	0	ALL Sigma-X 0.00%	0	ALL Synapse 13 0.01%		ALL AX Block Trading 0 0.00%	ALL 0.0	Morgan Stanley 2				
DETAIL																	
APA PRE-TRADE OVERVIEV	N																ľ
Total Quotes	PRIVATE QUOTES	0															
0	0.00%																

The blocks "ALL FAILED", "ALL REJECTED" and "ALL CANCELLED" are clickable and redirect to a pre filtered list of transactions.

If for example the block "ALL FAILED" is selected, a list of all failed transactions is shown.

ALL FAILED	2371
13.95%	

											â	188	6
-	ITT THE	NEACTIONS	SELECT	COLUMN	TO DISPLAY	•		FREES	EARCH		Q	PATTE	
	ine.	TRANSLACTION REPORTED IN Addition of	-	-	641.4	- assessment at the	-	-	-	-	-	Concerned before at a	11 m 😌
н.	0	A04340	0	0			0			1.44	80	Herear School and	
1	0	2,0100000000000000000000000000000000000	0	0	2012/02/02 10:00	100202-0029	0	40-041-00088	-	10.0	141	1410011-000-000	- 5
4	0	1.00000000000	0	0	-	2002002-01210	0	434544520000	-			4400011-2029-000	×
	Ø	1,000000000000	0	0	0144400	1000002-0020	0	404047500000	-			******	- 27
	0	C. BRINGPOOL AND A	0	0	2011/01/01/01/01	SAME AND A DECK	0	40-04-0703000	-	-	84	August 112507-0818	-
1	Θ	Autochan approximation	0	0		2010/01/10/10	0	101010100000	-	-		14100311-009-0400	- 51
1	0	C. BATHER ADDITION OF	0	0	10100000000	19030-1014	0	42424-0-000000	0.000	10.0	34	14110011-2109-0400	
н.	0	2,00000000000000	0	0	and so in the second	200200-010	0	40404030000	-			4400011-0101-000	1.000
	0	University and a second second	0	0	ALC: N 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	100001-010	0	42424-171202001	-			MARGINE STREET	
п.	0	1440304940494049404940444404	0	0	2010/01/02/22	Territer August	0	APRICK TODODLAP	\$1000 No.10	-	80	440000000-002-44740-758	- 100
11	0	0.0000000000000	0	0		2002002-00010	0	1010100000	-	-	80.	1444003111204040400	. Anter
11	0	0.0000000000000000000000000000000000000	0	0	10100000000	140527014	0	40-04/01000	-	10.0	341	1410(211,210*-040)	
н.	0	2,00%01027244010	0	0	and the second	00000.000	0	42-247-22080	-			-	100
	0	Subsequences wanted	0	0	111 AL 18 18 18 18	1000001-0010	0	4040447(00000)	-	-		MARTINE CONTRACTOR	
	0	1.48************************************	0	0	2011 10-10 DI 2012		0	-	minut main	16.0	841	AMORTO CONTRACTOR	

On the dashboard page, the "DETAIL" Button:

will show a list of all transactions by Status, Date, User and Trading venue is shown.

17.		1 FALTO 2314	ALL REJECTED 546	ALL CANCELLED 11 0.00%			
106 ITEN	ıts						FATER
rus e	1014	DATE #	USER #	TRADING VENUE IDENTIFIER	BUSINESS UNIT .	PARTICIPANT ID 8	PARTICIPANT COMMERCIAL NAME
0	98	2017-00-08	6.01 ¹	74,8	841	80000179	
0	10	2017-02-08	2407	7168	841	00000179	
0	-	2017-00-08	begit.	A.07	But .	00000179	
0		2017-00-00	brant	1000	But	80000179	
0	-	2017-10-10	legit	XBRU	841	00000176	

≣

To apply a filter to this list, please click the **"FILTER"**: button

Total Transa		FAILED 2371	ALL REJECTED	946 ALL CANCELLED	11			
17.0			5.57%	0.06%				
TAIL	=							\sim
				×				
ITEMS					×			FILTER
	TOTAL \$	DATE \$	USER \$	TRADING VENUE IDENTIF	DATE		STATUS	FILTER BUSINESS UNIT
	TOTAL \$	DATE •	USER \$	TRADING VENUE IDENTIF		- <u>To</u>	STATUS CHOOSE	
rus e ·						• <u>To</u>		BUSINESS UNIT
rus e	195	2017-10-18	outAPI	TNLB	From	- <u>то</u> - то	CHOOSE	BUSINESS UNIT
rus e	198	2017-10-18 2017-10-18	outAP1 outAP1	TNLB TNLB	From		CHOOSE	BUSINESS UNIT

A pop-up will appear to allow to filter the list by:

- Date
- Total transaction
- User
- Participant ID
- Status
- Venue
- Business unit
- Participant Name

Click the "RUN" button to submit the filter or the "CLEAR ITEMS" button to reset the filter.

After clicking the **"RUN"** button, the filtered list will appear:

T SITEM							FILTER
STATUS #	1004. •	GATE .	USER #	TRADING VENUE IDENTIFIER .	eveness unit +	PARTICIPANT ID	PARTICIPANT COMMERCIAL NAME
0	128	2017-10-10	Pu(10 ²⁰)	74.8	84	00000879	
0	152	2017-10-18	Pu(60 ^P)	74.8	845	00000879	
0		2017-10-18	8400 ² 1	VPIB	80	0000087%	
0		2017-10-10	Pu000	VPIB	845	00000879	
0	,	2017-10-10	9409P1	74.8	845	000007%	

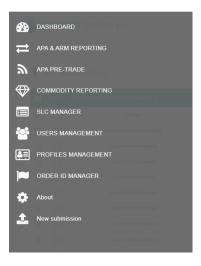
The top right of the Saturn Home page contains the main menu from where a selection of the following services can be made (based on subscription and profile):

- For members with full access an icon is shown at the top right of the page



- APA & ARM REPORTING
- APA PRE-TRADE
- COMMODITY REPORTING
- SLC MANAGER
- USER MANAGEMENT
- PROFILE MANAGEMENT
- About

New submission



- For members with restricted access the services are shown in tabs at the top of the screen:

		1	
--	--	---	--

4.4 FILTERING AND SORTING

Most of the panes of the Saturn User Interface offer filtering / sorting features. To sort items in the currently displayed list (all pages) by the values in a column, click the column name and choose ***** or ***** (see example below):



On most pages, it is possible to specify as many filters as there are columns.

- To sort all list items in *ascending* or *descending* order:
 - o click the arrow, and then select the sorting order required (ascending or descending).
- To filter all list items with several criteria:
 - o click on the "FILTER" button, enter the criteria, click on the "RUN" button:

FILTER 듣	RUN	ວ
----------	-----	---

• to clear the filter and return to the initial display, click on the "CLEAR ITEMS" button:

CLEAR ITEMS

4.5 **REFRESHING DATA**

The Euronext Saturn User Interface provides a 'Refresh' button:



The 'Refresh' button will manually update the information on a page.

4.6 **EXPORTING DATA**

Most data tables in the Saturn User Interface can be exported in **Excel** format (e.g. number of trades or volume of trades for cash instruments for the dates that are currently displayed).

On the top right side of screen choose "EXCEL export" icon:



A confirmation window is displayed. Choose the "Save file" option and click the "OK" button.

4.7 UPLOADING REPORTS THROUGH CSV FILES

The Saturn application provides the ability to **manually** import transaction or trade publication reports by uploading CSV files.

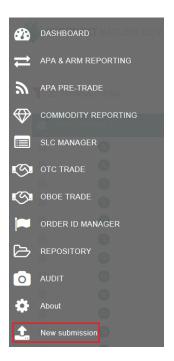
Users must pay attention to the following limitations:

- Up to five (5) CSV files can be uploaded concomitantly;
- Each file cannot exceed 1Mo, i.e. around 1700 transaction reports.

As a consequence, a max of $(1\ 700\ ^*\ 5) = 8\ 500$ transactions can be simultaneously manually uploaded through the application.

"New submission":		
To upload a CSV file click on the menu (For members with full access) :	DASHBOARD	then select

Euronext Global Reporting solution - Saturn User Interface



To upload a CSV file, for members with restricted access, select New submission icon:



The following window is displayed:

EURONEXT SATURN qa2				New submission
			👗 n	6
	♦ CHOOSE ± UP	LOAD X CANCEL		
STATUS NAME		502 UPL0	NORD DATE	0
•	0100-001010406,2011008,1014073,1,11.44	883.304×8	2017-12-10 12:04 18	3
•	Dest.org/cons.2017.008_0204071_1_28.au	101.400.00	2017-10-10 10 10 10 10	
۲	Startungtons,217508,524871,1,36 ac	501.400 ×3	2017-12-10 10:01.00	
•	Dest.org0oms_2017103_10248011_1_01ax	101.401.40	2017-10-08 16:36:00	
•	Brock.org/come_20171000_12040071_1_016-ax	511.401.10	2017-10-08 10:20-20	
•	Dest.org0oms,2017408,1004011,1,01.or	101.400 ×0.	2017-10-08 18:21.48	
•	Fig.(H.m.	1420.08	2017-10-00 10:00:00	
0	Multer, net or	3.000 KB	2017-10-08 10 44108	
0	104,210 cm	1.452.10	2017-10-08 10:30:20	
0	to finance	054.001 ×0	2017-10-04 30-30-40	

1. Click on the "CHOOSE" button, browse local files and select the CSV files to upload.

The selected files are listed below the "CHOOSE" button. Selected files can be removed if required.

- 2. To upload the CSV files, click on the "UPLOAD" button.
- 3. To cancel the upload operation, click on the "CANCEL" button.

The upload pane also provides upload status for each file, i.e.:

- Status: File may be accepted or rejected -
- File name _
- File size -
- Upload date and time -

If a file is rejected, a list of errors is available by clicking on the "rejected" icon:

👋 EURONEX	KT SATURN qa2				New submission		
				👗 II	(*		
		+ CHOOSE ± UPL	OAD R CANCEL				
	STATUS NAME		502 UN	LOADED SATE			
	0	0-m-01-mCode,20171004_03H970_0_11.ad	103.320 ×0	207-0-0 10 84 10			
	•	Startiongloates, 2017/008, 10:0071, 1, 04 and	501.403.40	2017-02-02 10 20 20			
	•	Disel.org/Selec.2017.038_0204915_0_03.ed	101.400 ×3	2017-10-10 10 01 10			
	•	Brack.org/color_20171038_1014975_1_016.col	821.498.40	2017-10-08 10:00			
	•	Dest.eg0ete,201103,104011,1,9.ex	101.400.40	2017-10-08 10:29 20			
	•	BarlorgCole, 201103, 101911, 101911, 101 ac	821.488.48	2017-10-08-10-21-08			
~	0	Fig.(56.00)	1.421.48	2017-10-08 10:08:00			
	0	Multiple Contract	3.000 +00	2017-10-08 10:00108			
	`	last_210i os	1.451.43	2017-10-08 10:00 20			
		Universitation	n (naturani O)				
	Universitation (Adarging Instrument Name)						
		Unterson aufum (Unit	erying instrument index)				
	0	bria cor	255 ACT + 0	2017-10-04 38 08 H			

5. TRANSACTION REPORTING SERVICES

5.1 TRANSACTION REPORT CONSULTATION

The Saturn application provides an overview with details of all transactions that have been submitted with their respective status.

											-	81.	
	TRANS	ACTIONS	SELECT O	COLUMN 1	TO DISPLAY			FREE SE	ARCH	C		410.1214	5
	-	TANKACTUR REPORTS HARRIN &		anna a	- 1011 - 0	Disetter a	-	-	-		-	LOCAL TWO CONTRACTS	11.110
t.	0	TADETER	0		-		0			-	(and)	NAMES AND ADDRESS OF ADDRESS ADDRESS OF ADDRESS OF ADDR	-
1	0	401.04	0	0	101003-0100		0			50	1.64	100001-1-007-080	~
8	\odot	1,01702-025666100001	0	0	2010/06/12	- (4000) 7070	0	+0+0+11000000	-	1010		PALING: 1, 247-4800	-
1	0	1,4577421-10154034044	0	0	-	100001-0078	0	4040410100000	-	1010		Period 11/2017-0000	- and
5	0	0.000000000	0	0	aneses.	34/82/12/1	0	ACA/64/01/020001	other land	1018		Average to the second	
1	0	is and the restriction	0	0	-	animi term	0		-	10.4		PARTICULAR VALUE	and the second second
t.	0	dummar or restored	0	0	-	100001-0010	0	40404-01000000	second lower	1010		944000 1,000-0000	199
1	\odot	1,4076470070493475	0	0		10000017079	0	40404191020001	****	1010	1.941	head201712/https://doi.org/10.0000/	-
1	0	Substantian contractances	0	0	-	and they want	0	1010101000000	-			N4031112507-0800	
	0	California de la companya de la comp	0	0		20002-707	0	40404/1000000	10107-0415	10.8	8.0	Average of the second s	-
£,	0	Lauran and the second second	0	0	an or a set	100001-007	0	4040410(00404)	-	1016	-	NAMES OF GROOMS	-
ŧ.	0	substrate versions says	0	0	-	1000011075	0	AC-604-101000000	-	10.0		10000011-0000	-
1	0	1.10/70210210110100	0	0	1011 (1011) 10120 (101	100,000,000,00	0	4040470308000	*****	10.0	847	14410311-0197-0210	100
ŧ.	0	2,2/740-0020203/4	0	0	21110-010-022	1000011070	0	40404-0102000	-	1618	(80)	NAMES TO DEPOSIT	100
i.	0	TAGETER PROVIDED AT MILLION	0	0	and strength	Territor Maga	0	ACMENT COMMENT			Mar.	Inclusion of American	178.

The following default information is provided:

COLUMN	ICON /FORMAT	SOURCE	DESCRIPTION
SELECTION		Saturn field	User can select one or multiple transactions: One line for manual modification One or multiple lines for single or multiple cancellations
HISTORY		Saturn field	Provide a full history of a transaction with all changes in status
ORIGIN	E S	Saturn field	Indicates whether the transaction was uploaded by Saturn

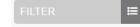
COLUMN	ICON /FORMAT	SOURCE	DESCRIPTION
STATUS	●	Saturn field	Indicates the current status of the transaction A status description is available by hovering the mouse cursor over the icon.
DATE	YYYY-MM-DD HH:MM:SS	Saturn field	Date/Time of last update of the transaction
SIDE	C B S	Saturn field	Nature of transaction, can be Buy, Sell, Cross or unknown
QUANTITY	decimal	RTS 22, ref. 30	Total transaction quantity.
INSTRUMENT ID		RTS 22, ref. 41	Code used to identify the financial instrument. (ISIN)
PRICE	decimal	RTS 22, ref. 33	Transaction Price.
VENUE	MIC code	RTS 22, ref. 36	Identification of the venue where the transaction was executed.
BUSINESS UNIT	alphanum	Saturn field	Business Unit's name defined in the Saturn Admin part
EXECUTING FIRM	alphanum	RTS 22, ref. 4	Code used to identify the entity executing the transaction (LEI)
TRANSACTION REFERENCE NUMBER	alphanum	RTS 22, ref. 2	Identification number that is unique to the executing firm for each transaction report.

The window offers additional information and features:

• A "Free Search" field allows for the possibility to search information from Free text fields:



Transactions criteria – access to all transaction filters:



Euronext Global Reporting solution - Saturn User Interface

• Choice of the columns to display on the table:

SELECT COLUMN TO DISPLAY	•
Q	×
Transaction reference number	r 📤
Origin	L
Status	L
Date	1
Quantity	
Side	•

Additional features are available from the menu on the right of the report:

FUNCTION	DESCRIPTION
\mathbf{C}	Refresh button
۲	Display extended view of the report, i.e. all fields of the transaction (including client information)
X	Export to Excel. The exported file will contain the list of all transactions with all columns.
8	Cancel selected transaction
	Edit selected transaction
۲ <u>م</u>	Insert a new transaction via Copy
Ð	Insert a new transaction

5.2 **THE DIFFERENT TRANSACTION STATUSES**

Transactions can be submitted to Saturn from Monday to Friday, from 7:00 AM to 10:00 PM CET.

As soon as a transaction is received by Saturn whatever the format (FIXML, JSON, XML or CSV), it is processed in real-time by the Saturn Check Module. This module performs all the regulatory consistency checks as required by ESMA. As a result of this validation, a first status is sent back to the user. The transaction is displayed in the user Interface with its appropriate status. This real-time validation takes place before the transaction report cut-off time allowing users to correct potential errors before the

transaction is sent to the investment firm's Competent Authority thus limiting the number of "Rejected" trades. Statutes referring to this validation can be referred to as "*Euronext Statuses*".

Transaction reports are then given another status from the regulators. Such statuses can be referred to as *"NCA Statuses"*:

STATUS		DESCRIPTION
Euronext Statuses		
Checked		Compliant Transaction
Checked & Ready	S	Compliant Transaction after Client validation - Checked & Ready
Wait for check	8	Transaction is waiting to be checked
Sent		Transaction is sent to regulator
Failed		 Failed: Transaction contains errors. Failed transactions can be corrected and resubmitted for Euronext validation prior to the cut-off time. By clicking on the line, users can get access to the list of errors.
Cancelled		Cancelled: transaction cancelled before being sent
Pending		Processing of transaction is pending. This status code is used in case the transaction report cannot be validated due to missing instrument reference data.
Awaiting matching	₽	Transaction (Type k) is waiting for matching
To be removed	Û	Transaction Cancelled and can be removed from the table.
NCA Statuses		
Received	*	Transaction received by the regulator
Rejected	8	Transactionhasbeenrejected.This status is used in case the transaction has beenrejected by the competent authorities.

Cancelled received	83	Cancel transaction request received at the regulator side
Cancelled accepted		Cancel transaction request accepted at the regulator side
Accepted	*	Transaction has been accepted by the competent authorities.

5.3 **AMENDING A FAILED OR REJECTED TRANSACTION**

It is possible to manually amend a transaction from the Saturn User Interface especially if it is in 'Failed' or 'Rejected' status. To amend a transaction, do the following:

• For a "Failed" transaction, it is recommended to point directly to the list of "ALL FAILED" transactions by clicking on the dedicated button from the dashboard page:

ALL FAILED	2371
13.95%	

• For a "Rejected" transaction, it is recommended to point directly to the list of "ALL REJECTED" transactions by clicking on the dedicated button from the dashboard page:

ALL REJECTED	946
<mark>5.57%</mark>	

- Otherwise, from the detailed transaction report view based on user's criteria.
 - 1- Select the transaction to amend. Please note that manual transaction amendment in the Saturn application can only be done for one transaction at a time. Mass corrections can only be done via the Web Service:

In case multiple lines are selected, the amend button will disappear.

2- Choose the transaction to amend by checking the checkbox clicking in the transaction's line.

on the left of the screen or by

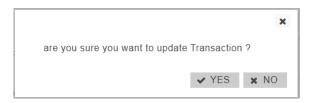
Click the "edit selected item

icon on contextual menu on the right of the screen.

The following window appears and erroneous fields are highlighted in red:

Transaction detail	Client deta	il	Instrument detail
nstrument Full Name			
NSTRUMENTONE 1002] please do not fill, unexpected v	alue		
Classification Type	Pric	e Multiplier	
FFDSPX			
1002] please do not fill, unexpected v	alue		
Notional Currency 1	Not	ional Currenc	y 2
JL Instrument Code	UL	Instrument Na	ame
JL Instrument index	Stri	ke Price	
SE Instrument index	30	Ke Flice	
Strike Price Notation	Stri	ke Price Curr	0001
CHOOSE	30	ke Flice Culli	ency
	• —		
Dption Excercise Style CHOOSE	Mat	urity Date	
CHOOSE	• YY	YY-MM-DD	
Delivery Type	Opt	ion Type	
CHOOSE		OOSE	-
Expiry Date			
YYYY-MM-DD			

- 7. After correcting the erroneous fields, click on the "UPDATE" button. A confirmation message appears.
- 8. Click "**YES**" to confirm the operation or "**NO**" to cancel:



Modified data is inserted in the transaction's line.

In case one of the amended fields is filled with incorrect information, an error message is displayed under the incorrect field and an alert is displayed in the right top part of the screen:

A/ARM indicator : ARM	•	
Transaction detail	Client detail	Instrument detail
Trade Ref		
CLIENTREF15076409999		
Trade Id		
TRADINGVENUECKUK408841	7888	
Executing Firm		
549300I2Y1L		
549300i2y1l' field should match the z0-9]{18,18}[0-9]{2,2}	pattern [a-	
Instrument Id	Venue	
AOAGA151202800C	TNLB	
Price	Quantity	
663405.64906	2992682.753	375
Net Amount	Side	
184474.10494	SELL	$\overline{\nabla}$
Transmission Order	Country Brancl	h Membership
FALSE	▼ PT	
Trading Capacity 1	Trading Capac	ity 2
DEAL	- DEAL	•
Buyer Firm Id	Seller Firm Id	
Up Front Payment	Up Front Paym	nent Currency
548102	GBP	
Investment Decision Within Firm	Investment De	cision National ID Type
FR00000000ZA#C#ZA#C#	CONCAT	•
Investment Decision Within Firm type	e Country Of Inv	estor
NATIONAL ID	▼ FR	

Once the transaction has been amended, a confirmation message is sent back to the user and the transaction status is updated.

5.4 **CANCELLING A TRANSACTION**

Users with the appropriate rights can cancel transactions. 1 to N transactions can be cancelled in the pane.

To cancel a transaction:

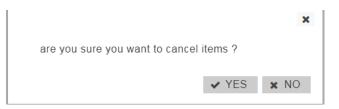
 $\mathbf{\sim}$

1. From the Transaction details screen, choose the lines to cancel.

Choose the transactions to cancel by checking the checkbox on the left of the screen.

2. Click the "cancel" icon from the contextual menu in the right part of screen.

3. A confirmation message appears:



Click "YES" to confirm the cancellation of the selected transaction(s).

Once the transaction has been cancelled, a confirmation message is sent back to the user. The transactions status is updated \Im :

												-13	
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	0	TK-00497970-00400-798191-6020	0	0	0011-00-00-00-00-00	THITHLAND	0	C answer management	Campaniana (10	841	\$40000-16_MPN/TB	14/14

5.5 EDITING A TRANSACTION

To view more details of declarations or trades, do the following:

1) Click on the "VIEW STATUS REPORT" button in the menu:



The status report page is displayed:

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8	0	Supporter opposition	0	0	-		0	40434-01000000	-	10.0	8/1	Analysis - Contractor	
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Two types of views are available:

- a) Restricted view: the most important data for the transaction is displayed;
- b) Extended view: all data for the transaction is available.

The contextual menu offers users the option to switch from one view to another.

To edit a transaction:

1.

- Choose the transaction to edit by checking the checkbox on the left of the screen;
- 2. Click the "edit selected item "icon on contextual menu on the right of the screen.

The overlay with all fields is displayed.

A/ARM indicator : ARM	•		
Transaction detail	Client	detail	Instrument detail
Trade Ref			
CLIENTREF1507640532525			
Trade Id			
TRADINGVENUECKUK40884178	388		
Executing Firm			
549300I2Y1LCN3FHSB30			
Instrument Id		Venue	
AOAGA151202800C		TNLB	
Price		Quantity	
663405.64906		2992682.75375	
Net Amount		Side	
184474.10494		SELL	Ψ
Transmission Order		Country Branch M	embership
FALSE	•	PT	
Trading Capacity 1		Trading Capacity 2	2
DEAL	•	DEAL	•
Buyer Firm Id		Seller Firm Id	
Up Front Payment		Up Front Payment	Currency
548102		GBP	
Investment Decision Within Firm			on National ID Type
FR00000000ZA#C#ZA#C#		CONCAT	•
Investment Decision Within Firm type		Country Of Investo	or
NATIONAL ID	•	FR	
Invest Firm Indicator		Derivative Notiona	I Increase Decrease

4. Click the "UPDATE" button to confirm the operation or the "CANCEL" button to cancel the operation.

5.6 TRANSACTION CRITERIA

On the Status report page, define declarations and trades to view by typing or selecting values for these search criteria:

- TRADE VENUE ID
- VENUE
- VOLUME
- TO BE CLEARED
- SUBMITTING ENTITY ID
- ORIGIN
- TRADE REF
- SIDE
- BYPASS CONTROL FLAG
- APA/ARM INDICATOR
- SECURITY ID
- MIC
- TRADED PRICE
- DEFERRAL INDICATOR
- ENTERING COUNTERPART
- USER
- STATUS
- BUSINESS UNIT
- TRANSACTION PRICE TYPE
- EXECUTING BROKER

Click on the "RUN" button to apply selected filters:

												1		
ine i	TRANSACT		SELECT C	OLUMN 1	O DISPLAY		FREE SEA	RCH	Q	PETER				
TR	ADE VENVE R	p.	TRADE REF				RECURITY				VIER			
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	CUME 20		- 10				TRADED PR	CE.		BUSINESB ONT				
TO BE CLEARED. CHOOSE			and Annual Annual Annual					DEPERRAL INDICATOR CHOOSE				TRANSACTION PRICE TYPE CHOOSE		
BUBMITTING ENTITY ID		ENTITY ID ANAARM INDICATOR DHOOSE •					ENTERING COUNTERPART				EXECUTIVO. BROKER			
	IGN ODE													
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7	000000	сцаните протокова протоковали протокова подотоковали протокова протоковали протокова протокова протокова	0 0 0	0			000000000000000000000000000000000000000		80.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	1914 42 1914	841 841 841			

5.7 **INSERT A NEW TRANSACTION FROM THE SATURN WEB APPLICATION**

It is possible to submit a new transaction via the Saturn GUI by entering all its details manually. Users should nevertheless use this option as a back-up due to the number of data that must be entered. To manually submit a transaction, do the following:

1- Click the "Insert Transaction" icon from the contextual menu in the right part of screen.

The new transaction overlay is displayed:

Transaction detail	Transaction detail Client detail Instru		
Trade Ref			
frade Id			
Executing Firm			
nstrument Id	Venue		
Price	Quantity		
Vet Amount	Side		
Transmission Order CHOOSE	Country Branch	Membership	
Frading Capacity 1 CHOOSE	Trading Capacity CHOOSE	2	
Buyer Firm Id	Seller Firm Id		
Jp Front Payment	Up Front Paymen	nt Currency	
nvestment Decision Within Firm	Investment Decis CHOOSE	sion National ID Type	
nvestment Decision Within Firm type CHOOSE	Country Of Inves	tor	
nvest Firm Indicator	Derivative Notion	al Increase Decrease	

Populate all required fields with the right data and click on the "**INSERT**" button. The new transaction line appears in the transactions status report.

5.7.1 Add or complete a client's personal information

Please note: this section is only visible to Participant's users. For Euronext Master Administrator access to personal client's information is strictly forbidden.

To insert personal client's information to a transaction do the following:

- 1. Check the selected transaction:
- 2. Click the "Edit selected transaction" icon:

The overlay with all client's detail is displayed:

Transaction detail	Client detail	Instrument detail	
Side	CHOOSE		C
Гуре	CHOOSE	•	
dentification Code			
First Name			
Surname			
BirthDate	YYYY-MM-DD		
dentification Type	LEI	-	
Seller Identification Code	549300I2Y1LCN	3FHSB30	æ
Seller Country Branch	FR		
Seller First Name	SELLER		
Seller Surname Seller BirthDate	SELLER YYYY-MM-DD		
Seller Birtribate			
dentification Type	LEI	•	
Buyer Identification Code	549300I2Y1LCN	3FHSB30	æ
Buyer Country Branch	FR		
Buyer First Name	BUYER		
Buyer Surname Buyer BirthDate	YYYY-MM-DD		

3. Click the "add" icon at the bottom of the client's details list: 😯

Once all required information has been entered, click on the "UPDATE" button.

The client information is added to the repeating sections of the transaction. To check added information, scroll to the "Client detail" column and click on the "Clients" icon:

EURO	NEXT SATURN qa2									APA & ARM REPORTING
									👗 11	
197 TRA	NSACTIONS	5	ELECT COLUMN TO	D DISPLAY		FRE	E SEARCH	Q		FILTER
ee •	STRIKE PRICE NOTATION	STRIKE PRICE CURRENCY	OPTION EXERCISE STYLE	MATURITY DATE .	EXPRESSION ENTER	DELIVERY TYPE	OURNER DETAILS	USER +	BYPASS CONTROL FLAG	
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							Salar Fin		NELLER NELLER	14.55
						/	Buyer Id C	Code artry Branch	540300(2Y1LCN0/H5830 FR	14,38
						/	Buyer Fin Buyer Las	at Name	BUYER	FALSE
							444	1000	Pag. 10	74.08

6. APPROVED PUBLICATION ARRANGEMENT (APA)

6.1 TRANSACTION REPORT CONSULTATION

The Saturn application shows the details of all transactions that have been submitted with their respective status.

A filter can be used to only select APA transactions.

Click on the following button:



Choose APA in the field APA/ARM INDICATOR and click on "RUN".

74 TRANSACTIONS	SELECT COLUMN TO DISPLAY	FREE SEARCH	FILTER 🗮
TRADE VENUE ID	TRADE REF	SECURITY ID	USER
VENUE	SIDE CHOOSE	MIC	STATUS CHOOSE
VOLUME		TRADED PRICE	BUSINESS UNIT
From	- To		
TO BE CLEARED	BYPASS CONTROL FLAG	DEFERRAL INDICATOR	TRANSACTION PRICE TYPE
CHOOSE	CHOOSE +	CHOOSE	CHOOSE -
SUBMITTING ENTITY ID	APA/ARM INDICATOR CHOOSE	ENTERING COUNTERPART	EXECUTING BROKER
ORIGIN	CHOOSE		
CHOOSE	ARM APA		
CLEAR ITEMS	APA & ARM		

Only APA transactions are displayed:

											10		6
C 7 78	ANSACTIONS	SELE	CT COLUN	IN TO DISPLAY	•		FR	EE SEARCH	•	Q	1511		E
-	TRANSACTOR REPORTED HAVE A		STATUS &	MILE.	-	100.1	-	HICK &	85.4	-	EXECUTIVE ENTERING &	-	2
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All other functionalities Amend, Cancellation, Editing, Export and so on are the same as Transaction Reporting services.

6.2 **THE DIFFERENT TRANSACTION STATUSES**

Transactions can be submitted to Saturn from Monday to Friday, from 7:00 AM to 10:00 PM CET.

As soon as a transaction is received by Saturn whatever the format (FIXML, JSON, XML or CSV), it is processed in real-time by the Saturn Check Module. This module performs all the regulatory consistency checks as required by ESMA. As a result of this validation, a first status is sent back to the user. The transaction is displayed in the user Interface with its appropriate status. This real-time validation takes place before the transaction report cut-off time allowing users to correct potential errors before the transaction is sent to the investment firm's Competent Authority thus limiting the number of "Rejected" trades. Statutes referring to this validation can be referred to as "Euronext Statuses".

STATUS		DESCRIPTION
Euronext Statuses		
Checked & Ready		Compliant Transaction after Client validation - Checked & Ready
Wait for check	8	Transaction is waiting to be checked
Sent		Transaction is sent to Market Data
Failed		 Failed: Transaction contains errors. Failed transactions can be corrected and resubmitted for Euronext validation prior to the cut-off time. By clicking on the line, users can get access to the list of errors.
Cancelled	8	Cancelled: transaction cancelled before being sent

6.3 **AMENDING A FAILED OR REJECTED TRANSACTION**

It is possible to manually amend a transaction from the Saturn User Interface especially if it is in 'Failed' or 'Rejected' status. To amend a transaction, do the following:

• For a "Failed" transaction, it is recommended to point directly to the list of "ALL FAILED" transactions by clicking on the dedicated button from the dashboard page:

ALL FAILED	2371
13.95%	

• For a "Rejected" transaction, it is recommended to point directly to the list of "ALL REJECTED" transactions by clicking on the dedicated button from the dashboard page:

ALL REJECTED	946
5.57%	

- Otherwise, from the detailed transaction report view based on user's criteria.
 - 3- Select the transaction to amend. Please note that manual transaction amendment in the Saturn application can only be done for one transaction at a time. Mass corrections can only be done via the Web Service:

In case multiple lines are selected, the amend button will disappear.

4- Choose the transaction to amend by checking the checkbox on the left of the screen or by clicking in the transaction's line.

Click the "edit selected item icon on contextual menu on the right of the screen. The following window appears and erroneous fields are highlighted in red:

APA Post-Trade	Instrument detail	
Trade Id		
Executing Firm	Business Unit	
549300WCGB70D06XZS54	BU001	
nstrument Id	Venue	
E00BD4H0F21	XOFF	
lide	Invest Firm Indicator	
BUY	CHOOSE	-
Price	Quantity	
l.1	5000	
rading Capacity 1	Trading Capacity 2	
DEAL	CHOOSE	•
Price Currency	Price Notation	
EUR	CHOOSE	-
Quantity Currency	Quantity Notation	
	UNIT	-
rading date time		
2019-10-01T00:11:12.260000Z		

- 4. After correcting the erroneous fields, click on the "UPDATE" button. A confirmation message appears.
- 5. Click "**YES**" to confirm the operation or "**NO**" to cancel:

	×
ransaction	?
✓ YES	× NO

Modified data is inserted in the transaction's line.

In case one of the amended fields is filled with incorrect information, an error message is displayed under the incorrect field and an alert is displayed in the right top part of the screen:

Once the transaction has been amended, a confirmation message is sent back to the user and the transaction status is updated.

6.4 **CANCELLING A TRANSACTION**

Same like explained above for ARM.

6.5 EDITING A TRANSACTION

To edit a transaction:

- 1. Choose the transaction to edit by checking the checkbox on the left of the screen;
- 2. Click the "edit selected Transaction "icon on contextual menu on the right of the screen.

APA Post-Trade	Instrument detail	
rade Id		
4O1L8ZT64		
kecuting Firm	Business Unit	
49300D368MP7RCUV848	BU020	
strument Id	Venue	
E000C033258	XOFF	
de	Invest Firm Indicator	
BUY	CHOOSE	
rice	Quantity	
76.35	321	
ading Capacity 1	Trading Capacity 2	
HOOSE	- CHOOSE	
rice Currency	Price Notation	
UR	MONE	-
uantity Currency	Quantity Notation	
UR	UNIT	-
ading date time		
018-06-08T10:11:12.260000Z		

7. OFF BOOK ON EXCHANGE (OBOE) FOR MEMBERS PROFILE

7.1 USER INTERFACE

After connecting to the Saturn application, the Dashboard page appears. This page gives a global view of all services to which the user is entitled. The dashboard displays information about the total number of transactions uploaded by a user, number of all failed, rejected, pending and cancelled transactions.

The section for Off book on exchange (OBOE) transactionsdisplays four blocks. First block for the total number of transactions uploaded by the user, second block for number of all failed, third block for number of all cancelled transactions and last block is number of alerts for warning trades.

EURONEXT SATURN	🚯 DAGHBOARD 🛱 AFALARM REPORTING 🔊 AFA.PRE-TRADE 😌 COMMODITY REPORTING 📾 SIC MANAGER 🧐 OT TRADE 🗐 OBJET TRADE 💌 ORDER 10 MANAGER 🖄 REPORTION 🚳 AUDIT 🗣 🕹
	I bett (II)
	REFRESH ALL O
ARM & APA POST-TRADE OVERVIEW	ď
Total Transactions ALL FAILED 13 0.01%	ALL CANCELLED 8 ALL PENDING 0 100% ALL CANCELLED 8 ALL PENDING 0 0.00%
DETAIL	
OFF-BOOK ON EXCHANGE OBOE	ď
Total Transactions ALL FAILED 6 92 5.43%	ALLCANCELLED 0 ALERTS 12 0.00% 13.04%
DETAIL	
POSITIONS OVERVIEW	ď
Total Positions ALL FAILED 35 71.43%	ALL HEDOING 27 ALL NOT HEDOING 15 ALL CANCELLED 11 55,19% 28,41% 22,45%
DETAIL	
SHORT/LONG CODE OVERVIEW	C.
Total Codes ALL FAILED 0 0.00%	ALLEUROPERT 6 ALL Squee X 0 0.05% 0.05
DETAIL	
APA PRE-TRADE OVERVIEW	ď
Total Quotes PRIVATE QUOTES 0 0 0.09% 0	
- DETAIL button	

- Dashboard for members profile :

On the dashboard page, the "DETAIL" Button:

TAIL

Ħ

will show the total amount of transactions grouped by Status per date.

Total Trans		LL FAILED	5 ALL CANCELLED	0 ALERTS 12				
	2							
TEMS								FILTER
TEMS	TOTAL ¢	DATE 🕈	USER \$	TRADING VENUE IDENTIFIER \$	BUSINESS UNIT \$	PARTICPANT ID \$	PARTICIPANT COMMERCIAL NAME	FILTER TX TYPE \$
EMS		DATE \$ 2018-09-08	USER + bet1	TRADING VENUE IDENTIFIER \$	BUSINESS UNIT \$ my 80 2	PARTICPANT ID ¢	PARTICIPANT COMMERCIAL NAME \$	
EMS TUS ¢								TX TYPE 🕈

- ALL FAILED Block :

The block "ALL FAILED" is clickable and redirect to a pre filtered list of all failed transactions.

LL FAILED	5								
.43%									
	Χ.								
	Å	EURONEXT SATURN							OBOE TI
								⊘ seb3	
		T 11 TRANSACTIONS		SELECT COLUMN TO	DISPLAY -	FREE SE	EARCH Q		FILTER
		STATUS OF TRADE	REASON OF THE STATUS	TRADING VENUE	ISIN O	TRADE REFERENCE	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPART
		• •		XBAR	EUNL00104224	43TRADEREFERENCEV/F078462949713	2014-10-28 17:81:18	+0	
		• •		XIBAR	EUNL00104224	43TRADEREFERENCEV//FD41457949713	2014-10-25 17:51:19	4-5	
		• •		XIBAR	EUNL00184224	43TRADEREFERENCEV//FD41467779713	2014-10-25 17:51:18	4.5	
		• •		XBAR	EUNL00104224	43TRADEREFERENCEV//FD41962966713	2014-10-25 17:51:10	4.0	
		• •		XBAR	EUNL00104224	43TRADEREFERENCEVVFD41062055555	2014-10-25 17:51:18	+0	
		• •		XBAR	EUNL00184224	4TRADEREFERENCEV/FD41982985858	2014-10-26 17:51:18	4.5	
		• •		XBAR	EUNL00104224	4TRADEREFERENCEV/FD41982985556	2014-10-25 17:51:10	4.8	
		• •		XMGM	FR0000120844	3TRADEREFERENCEV//FD4196294976	2014-10-24 17:51:18		
		• •		XPRA	FR0000120844	43TRADEREFERENCEV/FD419504978	2014-10-24 17:51:18	4.8	
		. 0		XMEM	FR0000120844	3TRADEREFERENCETKBT2443039418	2014-10-17 22:10:39	+5	
				XMSM	FR0000120844	43TRADEREFERENCETKBT2443009418	2014-10-17 23:10:30	4.5	

- ALL CANCELLED Block :

The block "ALL CANCELLED" is clickable and redirect to a pre filtered list of all cancelled transactions.

								0	CANCELLED
									0%
080						NEXT SATURN	🕌 EURO		
	seb3							_	
					SELECT COLUMN TO		-		
FILTER		arch Q	FREE SE	DISPLAY	SELECT COLUMN TO	ANSACTIONS	T 22 TR/		
	40	2014-10-25 17:51:10	SSTRADEREFERENCE/V/FO76452946713	EUNL00164204	XIAAR	8			
	+4	2014-10-25 17:51:18	SSTRADEREFERENCE/VFD41457648713	EUNL00184204	XMAR	0			
	4.0	2014-10-28 17:01:18	337RADEREFERENCEV//F041457778713	EUNI.00184224	2004	0			
	40	2014-10-25 17:51:10	SSTRADEREFERENCE/V/F0414/S2/05713	EUNL00164224	XIBAR	8			
	+4	2014-10-25 17:51:18	23TRADEREFERENCE/VF04185285555	EUNE100184204	XMAR	0			
	40	2014-10-28 17:61.18	337840EREFERENCEV/P0418638688	EUNL00184224 EUNL00184224	XINAR	0			
	40	2014-10-25 17:51:10	attraceReference/v/fortaceartis	EUNL00164224	2000	8	1.0		
		2014-10-28 17:01:18	478A0EAEPERENCEV/7041467949713	8,76,20164224	1005	6			
	40	2014-10-25 17:51:18	478A06867686N06VVT041467779713	EU/NL00164224	XMAR	ő			
	+5	2014-10-25 17:51:18	3TRADEREFERENCE/VFD41457848713	EUNL00154204	XIAR	ő			
	**	2014-10-28 17:01/18	418406867686NCEV-F041462865113	EUNL00184224	XMAR	ő			
	4.5	2014-10-25 17:51:15	378406867686NCEV/F041467779713	EUNL00164224	XMAR	8			
	+0	2014-10-25 17:51:18	3TRADEREFERENCEV//FD41663855113	EUNL00164224	XIBAR	0			
	4.5	2014-10-26 17:61/18	3TRADEREFERENCEV/FD4106285555	EUNL00184224	XMAR	0			

- ALERTS Block :

The block "ALERTS" is clickable and redirect to a pre filtered list of all transactions with a warning.

ALERTS 2.23%	4					2 bnp20	
4 TRANSACTIONS		SELECT COLUMN T	O DISPLAY	FREE			FILTER
STATUS OF TRADE ©	REASON OF THE STATUS	TRADING VENUE	ISIN O	TRADE REFERENCE ©	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPART
STATUS OF TRADE	REASON OF THE STATUS	TRADING VENUE	ISIN © IECORD-HOF21	TRADE REFERENCE •	TRADING DATE TIME 2018-08-28 12:10:12	PRE TRADE FLAG	ENTERING COUNTERPART
	REASON OF THE STATUS						
A	REASON OF THE STATUS	XMSM	IECOBD4H0F21	TESTALSHAFQBRVTESD	2018-08-25 12:10:12	•	7H6GLXDRUGQFU67RNE97

- Column to display :

This button can be used to select columns to display

SELECT COLUMN TO DISPL	AY ·
Q ×	QUAN
Origin	41
Status	19
Date	19
Quantity	10
Side v •	19
< >	19

- FILTER Button :

To filter the transactions list click the **"FILTER"** button:

💧 bnp20 FREE SEARCH Q TRADE VENUE ID TRADE REF SECURITY ID STATUS CHOOSE SETTLEMENT FLAG VENUE SIDE ORIGIN CHOOSE CHOOSE CHOOSE BYPASS CONTROL FLAG DEFERRAL INDICATOR APA/ARM INDICATOR ENTERING COUNTERPART CHOOSE CHOOSE OBOE --CHOOSE BUSINESS UNIT USER ARM APA APA & ARM × OBOE & ARM

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A pop-up will appear to filter the list by:

- Trade Venue ID
- Trade Ref
- Security ID
- Status
- Venue
- Side
- Origin
- Settlement Flag
- ByPass Control Flag
- Deferral Indicator
- Entering Counterpart
- Business Unit
- User
- Trading Date Time

Click the **"RUN"** button to submit the filter or the **"CLEAR ITEMS"** button to reset the filter. After clicking on the **"RUN"** button, the filter request is executed.



- Direct Access Dashboard Button :

The top right of the Saturn Home page contains the main menu from where a selection of the following services can be made (based on subscription and profile):

@	DASHBOARD					OBOE T	
₽	APA & ARM REPORTING				(tel1		•
۳	APA PRE-TRADE		FREE			FILTER	E
\Leftrightarrow	COMMODITY REPORTING		TRADE REFERENCE ©	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPART	C
	SLC MANAGER		33TRADEREFERENCE/APD19452946/13	2014-10-25 17:51:18	45		۲
S	OTC TRADE		33TRADEREFERENCE/VFD41467040713	2014-10-25 17:51:18	45		
			33TRADEREFERENCE/VFD41457779713	2014-10-25 17:51:18	40		•
S			33TRADEREFERENCEV/FD41082088713	2014-10-25 17.51.18	4.5		
	ORDER ID MANAGER		33TRADEREFERENCE/V/FD41982988888	2014-10-25 17:51 18	4-5		
B	REPOSITORY		33TRADEREFERENCE/VFD4196296666	2014-10-25 17:51-18	45		
0	REPOSITORY		4TRADEREFERENCE/VF076452449713	2014-10-25 17:51-18	4.5		
0			3TRADEREFERENCE/VFD79/52/49713	2014-10-25 17:51:18	40		
ø	About		4TRADEREFERENCE/VFD41457040713	2014-10-25 17:51:18	45		
*	O		4TRADEREFERENCE/VFD41467770713	2014-10-25 17:51:18	45		
1	New submission		STRADEREFERENCE/V/FD41457649713	2014-10-25 17:51:18	45		

The following services are :

- APA & ARM Reporting
- APA PRE-TRADE
- OBOE Trade
- Commodity Reporting
- SLC Manager
- OTC Trade
- Repository
- Audit
- About
- New Submission

- For members with restricted access the services are shown in tabs at the top of the screen:

📋 OBOE TRADE

7.2 TRANSACTION REPORT CONSULTATION

The Saturn application provides the details of all transactions that have been submitted with their respective status.

From Dashboard, select "OBOE Trade" to view the details of all transactions of OBOE. By clicking on OBOE Trade, the window below display all OBOE Trades with all status (Checked & Ready, Failed, Cancelled and Warning Trades)

DASHBOARD	EURONEXT SATUR							080
APA & ARM REPORTING							tel1	
APA PRE-TRADE	95 TRANSACTIONS	S	ELECT COLUMN TO	DISPLAY *	FREE S	SEARCH Q		FILTER
	STATUS OF TRADE #	REASON OF THE STATUS	TRADINO VENUE 8	ISN 8	TRADE REFERENCE \$	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPAR
COMMODITY REPORTING			xanyan	P90000120844	TRADEREFERENCET/87240039418	2018-08-11 11 38-43		
			xangan	IE30547427611	HEPOBOE5024	2018-08-29 00:11:20		542330uP23388n/n/14/547
SLC MANAGER	= 🗢		XMSM	E00004-0721	MEPOBOE5025	2018-08-35 22:40 15		644030V/7505EC/HC2130
OTC TRADE			XMSM	10008029×1000	REPORIOESC20	2018-08-20 18:42:22		\$480005253ACJP#71VH07
UTC TRADE			EVEN		4337794DEREFERENCEV/VFD41487778858	2018-08-20 12 12:54		
OBOE TRADE	N =		XOSL	EURL20164150	1840676767690v0656J01021408749	2015-11-25 22:57:38	4.5	
Shoe House			XERA	DURE.05063166	4337RAOEREFERENCED82R46822222	2015-11-20 12-48-28	+0	
ORDER ID MANAGER			XERA	DUR6.05093199	43277840EREFERENCED827945822137555	2015-11-20 12:49:28	4.5	
STOLIN B BUTTOLIN			xeeSee	E0054W2T011	42377840EREFERENCE08274682213759	2015-11-20 19:49:28	+5	
REPOSITORY	= A		XATH	FR0000570805	TRADEREFERENCES/1U8050804422	2015-11-19 17:11:23	+6	
0	= A		XD84	EURIL07083160	1940ER0FER04CEX.402782270144	2015-11-12 21 32 54	+5	
AUDIT			36.77	FREND2164208	43774267676767676202020108442688	2015-11-17 11.90-47	+5	
0	= 🔺		XERA	FREND12154280	TRADEREFERENCEOJA/15/2014/101	2015/10/20 14:20:45	4.5	
About	= A		XVTX	U675860V1035	TRADEREPERENCEOHCUMMN/1248	2016/11/20 21:16:42	4.0	
- 0	= A		ATEK	81,74,05817426	TRADEREPERENCE/CPRE180833100	2016-11-18 14:14:84	4.5	

The following default information is provided:

COLUMN	ICON /FORMAT	DESCRIPTION
SELECTION	TickBox	User can select one or multiple transactions: - One line for manual modification - One or multiple lines for single or multiple cancellations
STATUS OF TRADE	lcon	Indicates the current status of the transaction A status description is available on roll-over
REASON OF STATUS	Text	Text for failed or warning reject
ISIN	String	Instrument identifier based on the value of the securityIDSource
TRADE REFERENCE	String	Identification number that is unique to the executing firm for each transaction report
TRADING DATE TIME	UTCTimestamp	Timestamp in microseconds of when the order/transaction request was initiated/released by the trader or trading system, or time of execution/order creation
PRE TRADE FLAG		
ENTERING COUNTERPART	ISO 17442 ISO 10383	Code used to identify the entity executing the transaction
COUNTERPART TYPE	Char	Type of Entering counterpart
PRICE	Decimal	Transaction Price
QUANTITY	Decimal	Total transaction quantity
SIDE	Integer	Transaction side
ТХ ТҮРЕ	text	Transaction Type
TRADE FLAG	String	Indication as to whether the transaction was executed under a pre-trade waiver in accordance with Articles 4 and 9 of Regulation (EU) 600/2014
CUSTOM TEXT1	String	Free form text manually entered by the client – Custom Field
TRADING VENUE TRANSACTION ID	ISO 10383	Code assigned for a matched trade by the Euronext Trading Engine and which was disseminated to both Buyer and Seller
TRADING CAPACITY 1	Integer	MiFID II field that indicates whether the transaction submitted results from trading as matched principal, on own account or as any other capacity
USER	Person/Firm	Member
BYPASS CONTROL FLAG	alphanum	Control indicator of the price and LEI. Indicates whether a trade should bypass the LEI controls or not.
DEFERRAL INDICATOR	Integer	Indicates the subscriber's deferred publication wish
OTC POST TRADE INDICATOR	String	Indicator as to the type of transaction in accordance with Articles 20(3)(a) and 21(5)(a) of Regulation (EU) 600/2014

The window offers additional information and features:

• A "Free Search" field allows the possibility to search information from Free text fields:

FREE SEARCH

Transactions criteria – access to all transaction filters:

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• Choice of the columns to display on the table:



Additional features are available from the menu on the right of the report:

FUNCTION	DESCRIPTION
C	Refresh button
	Display extended view of the report, i.e. all fields of the transaction (including client information)
x	Export to Excel. The exported file will contain the list of all transactions with all columns.
\otimes	Cancel selected item
ľ	Edit Selected Transaction
ආ	Copy Selected Transaction
Đ	Insert a new transaction
	Generate ESMA Report
Ő	Export TX in Errors

7.3 TRANSACTIONS STATUS

Transactions can be submitted to Saturn from Monday to Friday, from 7:00 AM to 10:00 PM CET.

Please note that for OBOE Trade:

Euronext trading day from 6:30am to 5:15pm (Irish time). On half trading days (as specified in the Euronext Trading Calendar), the system will close at the earlier time of 1:15 pm (Irish time).

As soon as a transaction is received by Saturn whatever the format (JSON, XML, CSV or FIX), it is processed in real-time by the Saturn Check Module. This module performs all the regulatory consistency checks as required by ESMA. As a result of this validation, a first status is sent back to the user. The transaction is displayed in the user Interface with its appropriate status.

Status referring to this validation can be referred to "Euronext Status".

STATUS		DESCRIPTION
Euronext <u>Status</u>		
Checked & Ready		Compliant Transaction after Client validation - Checked & Ready
Failed		Failed: Transaction contains errors. Failed transactions can be corrected and re-submitted for Euronext validation prior to the cut-off time. By clicking on the line, users can get access to the list of errors.
Cancelled	S	Cancelled: transaction cancelled before being sent
Warning	A	Warning: If the following validation checks fail, the trade is accepted with a "warning" status for further processing and disseminated to the market once the other validations are passed.

7.4 INSERT A NEW OBOE TRANSACTION

It is possible to submit a new transaction via the Saturn GUI by entering all its details manually. Users should nevertheless use this option as a back-up due to the number of data that must be entered. To manually submit a transaction, do the following:

By clicking on icon \square , go directly to new view and click on "Insert Transaction" icon from the contextual menu in the right part of screen

OFF-BOOK ON EXCHANC	GE OBOE						
Total Transactions	ALL FAILED 112	ALL CANCELLED	4 ALERTS	4			
187	59.89%	2.14%	2.14%				
DETAIL							
						bnp20	
TRANSACTIONS	s	ELECT COLUMN TO	DISPLAY -	FREE	SEARCH Q		FILTER
STATUS OF TRADE ©	REASON OF THE STATUS	TRADING VENUE	ISIN O	TRADE REFERENCE	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPART
		XMSM	IE008DZRX000	TD02A5LU4TE44541469	2018-09-18 11:11:12	7	7H6GLXORUGQFU67RNER7
		XMSM	IE008DZRXD00	TD02A5LU4TB4454145454	2018-09-18 11:11:12	7	7H6GLXDRUGQFU67RNE97
		XMSM	IE00BD2RXD00	TD02A5LU4T84454145154	2018-09-18 11:11:12	7	7H6GLXDRUGQFU67RNE87
0		XMSM	IE00BD2RXD00	TDD2A5LU4T844541478542	2018-09-18 11:11:12	7	7H60LXDRU0QFU67RNE97
0		XMSM	IED08D2RXD00	TD02A5LU4T844541895682	2018-09-18 11:11:12	7	7H8GLXORUGQFU57RNE97
0		XMSM	IE00802PxD00	SLLCWNEMO2ORUKISMW02FEC3008J00	2018-09-18 11:11:12	7	7H6GLXDRUGQFU57RNE97
0		XMSM	IE30802RX000	1TFBNBMTYRHOE42HF8SRXSX1E4FNBMU	2018-09-18 11:11:12	7	7H8GLXORU0QFU57RNE97
0		XMSM	IE00BDZRXD00	YGSSGQXKSYFJ5SJHOPWAFTYLD5Z3ZEJ	2018-09-18 11:11:12	7	7H6GLXDRUGQFU67RNE97
0		ХМЭМ	IE008D2PX000	YOSSGQXHSYFJ55JHOPWAFTYLD5232EJ	2918-09-18 11:11:12	7	7H8GLXDRUGQFU67RNEP7
0		XMSM	IE008DZRX000	35XV0EXTR/200X5Z207LU00WHFEIT095	2018-09-18 11:11:12	7	7H6GLXORUGQFU67RNE97
8		XSMP	IE00B0ZRXD00	SRFYFTOE501509	2018-09-17 18:42:22		549300SZKMCJPPF1VH37

7.4.1 Transaction Type : OBOE

The new transaction overlay is displayed: Choose "OBOE" on APA/ARM Indicator

INSERT NEW TRANSACTION		ARM indicator : OBOE	-
APA/ARM indicator : CHOOSE			OE Details
	Trade	le Ref	
		xecuting Firm 49300WCGB70D06XZS54	Trading date time YYYY-MM-DDThh:mm:ss.dddZ
	Ins	strument Id	Venue
	Sid	ide CHOOSE	Trading Capacity CHOOSE
	Pri	rice	Quantity
	от	TC Post Trade Id	Waiver Indicator CHOOSE
	Byr	vpass Control Flag	
		ounter Part Type CHOOSE	P Entering Counterpart
		eferral Indicator CHOOSE	Publication Datetime YYYY-MM-DDThh:mm:ss.dddZ
	<		>
CANCEL × INSERT +	CAN	NCEL X	INSERT

Populate all fields with expected data and click on the "**INSERT**" button. The new transaction line appears in the transactions status report from OBOE Trade.

7.4.2 Transaction Type : OBOE+ARM

The new transaction overlay is displayed: Choose "OBOE+ARM" on APA/ARM Indicator

INSERT NEW TRANSACTION	INSERT NEW TRANSACTION	_	8	INSERT NEW TRANSACTION			8	INSERT NEW TRANSAC		8
APA/ARM indicator; CHOOSE	APA/ARM indirector OBOE & ARM	*		APA/ARM indicator : 080E & ARM				APA/ARM indicator : 0806	& ARM	
	Transaction detail OBC	DE Details Client detail		Transaction detail	OBOE	Details	Client detail	Transaction detail	OBOE Details	Client detail
	Trade Ref		î	Counter Part Type CHOOSE		Entering Counter	part	Side Type	CHOOSE	. •
	Trade Id		I.	Deferral Indicator CHOOSE		Publication Date YYYY-MM-DD	ime Thhumm ss.dddZ	Identification Code First Name Surname		
	Executing Firm 549300WCGB70D06XZS54		÷	Euronent Trade Flags	đ	Free Text		BirthDate	YYYY-MM-D	
	Instrument Id	Venue								
	Price	Price Notation CHOOSE								
	Quantity	Quantity Notation CHOOSE								
	Price Currency	Quantity Currency								
	Nat Amount	Side CHOOSE								
	Transmission Order CHOOSE	Country Branch Membership								
	Trading Capacity 1 CHOOSE	Trading Capacity 2 CHOOSE	~							
CANCEL X	CANCEL X	INSERT	+	CANCEL			INSERT +	CANCEL X		INSERT +

Populate all fields for each panel (Transaction Detail, OBOE Details, Client Detail) with expected data and click on the "**INSERT**" button. The new transaction line appears in the transactions status report from OBOE Trade.

Cancel button is use to cancel and close the popup.

7.5 **AMENDMENT AN OBOE TRADES**

It is possible to manually amend a transaction from the Saturn User Interface especially if it is in "Failed", "Check & Ready" or "Warning" status for OBOE and OBOE+ARM Transactions.

7.5.1 Amendment of OBOE Transaction

To amend a transaction, do the following :

For a "Failed", "Warning" or "Check & Ready", it is recommended to point directly to the list of "ALL FAILED" or "ALERTS" transactions by clicking on the dedicated button from the dashboard page :

ALL FAILED	107	ALERTS	4
60.45%		2.14%	

Choose the transaction to amend by checking the checkbox \checkmark on the left of the screen or by clicking in the transaction's line :

						💄 bnp20	
1 07 TR	ANSACTIONS	SELECT COLUMN 1	TO DISPLAY	FREE	E SEARCH Q		FILTER
STATUS	OF TRADE \$ REASON OF THE STATUS	TRADING VENUE	ISIN ¢	TRADE REFERENCE \$	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPART
	0	XSMP	IE008DZRXD00	SRFYFTOE501509	2018-09-17 18:42:22		54930052/0MCJPPF1VH37
	0	XSMP	IE008D2PHD00	SRFYFTOE5015458	2018-09-17 12-42-22		549300SZHMCJPPF1VH37
	•	XMSM	IE008DZRXD00	TDD2A5LU4TB44255	2018-09-17 12:11:12	7	7H8GLXDRUGQFU57RNE97
	0	XMSM	IE008D2P×D00	TDD2A5LU4TB148593	2018-09-17 12:11:12	7	7H5GLXDRUGQFU57RNE97
	0	XSMP	IE008D2PXD00	SRFYFTOE5015148	2018-09-17 08:42:22		54930052HMCJPPF1VH37
	0	XSMP	IE008D2P×D00	SRFYFTOE50151548	2018-09-17 08:42:22		54930052HMCJPPF1VH37
	0	XMSM	IE008D2PXD00	TDD2A5LU4TB4454354354	2018-09-15 01:11:12	7	7H8GLXDRUGQFU87RNE97
	0	XMSM	IE0080270/200	TDD2A5LU4TB44154	2018-09-15 01:11:12	7	7H8GLXDRUGQFU57RNE97

Click the "edit selected item licen on contextual menu on the right of the screen. The following window appears and erroneous fields are highlighted in red.

	OBOE Details			OBO	E Details	
ecuting Firm	Trading date time	^		0001		
9300WCGB70D06XZS54	2018-09-17T10:11:12.260000Z		Executing Firm		Trading date time	
			549300WCGB70D06XZS54		2018-08-25T10:10:12.260000Z	
trument Id	Venue		Instrument Id		Venue	
00BDZRXD00	XMSM	_	IE00BD4H0F21		XMSM	
le	Trading Capacity		Side		Trading Capacity	
JY	- CHOOSE	-	BUY	-	DEAL	
	[1001] missing	_	Price		Quantity	
ce	Quantity				,	
3.456	5000		145		23	
I11] price must be reported as a multiple of 0.0001	of		OTC Post Trade Id		Waiver Indicator	-
C Post Trade Id	Waiver Indicator		LRGS	Ø	[8019] pric is only used under the requirements	
INC	LIS	.			set out in article 6 - rts 1	
INC		-	Bypass Control Flag			
pass Control Flag						
	G.		Counter Part Type		Entering Counterpart	
25] by pass must be 0 or 1 for oboe trade	15		CHOOSE	-	7H6GLXDRUGQFU57RNE97	
unter Part Type	Entering Counterpart					
HOOSE	 7H6GLXDRUGQFU57RNE97 	_	Deferral Indicator IMMEDIATE PUBLICATION		Publication Datetime	
IO1] missing				•	YYYY-MM-DDThh:mm:ss.dddZ	
ferral Indicator	Publication Datetime		Euronext Trade Flags		Free Text	
IMEDIATE PUBLICATION	 2018-08-24T10:11:12.260000Z 	_				

After correcting the erroneous fields, click on the "UPDATE" button and confirmation message appears.



Click "YES" to confirm the operation and the transaction will be updated, or "NO" to cancel.

7.5.2 Amendment of OBOE + ARM Transaction

To amend a transaction, do the following :

For a "Failed", "Warning" or "Check & Ready", it is recommended to click on the icon on the section "APA & ARM Reporting" from the dashboard page to list all transactions.

Choose the transaction to amend by checking the checkbox is on the left of the screen or by clicking in the transaction's line :

bnp20

CA.

8 TRANS	ACTIONS	SELECT	COLUMN	TO DISPLAY	•		FREE	SEARCH	Q		FILTER	
HISTO	TRANSACTION REFERENCE NUMBER \$	ORIGIN 🗢	STATUS 🗢	DATE ¢	QUANTITY	SIDE	SECURITY ID	PRICE	VENUE 🗢	BUSINESS UNIT 🗢	EXECUTING ENTITY ID	
9	TESTXLS1TRADEOBOE8003	G	0	2018-08-29 16:01:33	6771611.49	S	IE00BD4H0F21	51325.09106	XMSM	BU020	5493001B2OGZ3KOG1G03	
9	TESTXLS1TRADE08068002	6	0	2018-08-29 16:01:33	056128.330	6	IE00BD4H0F21	336109.6001	XMSM	BU020	549300HUWQH7YHZVHL75	
9	TESTXLS1TRADEOBOE8001	S	0	2018-08-29 16:01:33	591311.108	B	IE00804H0F21	328551.2619	XMSM	BU020	549300BXEK8ERXF07G21	Г
9	TESTXLS1TRADREMRF558920180823	S	0	2018-08-23 17:19:40	12	U	AN8068571086	12	XOFF	BU020	549300WCGB70D08XZS54	Ľ
9	TRADEOBOE6003	S	0	2018-08-29 16:01:33	6771611.49	S	IE008D4H0F21	51325.09108	XMSM	BU020	5493001B2OGZ3KOG1G03	
9	TRADEOBOE6002	S	0	2018-08-29 16:01:33	956128.339	6	IE00BD4H0F21	336109.6001	XMSM	BU020	548300HUWQH7YHZVHL75	
9	TRADEOBOE0001	6	0	2018-08-29 16:01:33	591311.105	B	IE00BD4H0F21	328551.2519	XMSM	BU020	549300BXEKSERXF07G21	
9	TRADREMRF558920180823	6	0	2018-08-23 17:19:40	12	0	AN8068571098	12	XOFF	BU020	549300WCGB70D08X2354	
											K ≪ ¹ → H 15	>

Click the "edit selected item licen on contextual menu on the right of the screen. The following window appears and erroneous fields are highlighted in red.

Transaction detail	OBOE Details	Client detail		Transaction detail	OBOE	Details	Client detai
rade Id RADINGVENUEQBPU9357053	05		^	Counter Part Type CHOOSE	-	Entering Count 549300B0VC	erpart 02CPH1DLK72
xecuting Firm 493001B2OGZ3KOG1G03				Deferral Indicator CHOOSE	-	Publication Dat 2011-11-19T	etime 13:24:52.114600Z
estrument Id E00BD4H0F21	Venue XMSM			Euronext Trade Flags		Free Text	
rice 1325.09106	Price Notation MONE	•		55	Ĩ		
uantity 771611.49	Quantity Notation UNIT	-					
rice Currency	Quantity Currency						
et Amount 37724.4009	Side SELL	•					
ransmission Order FRUE	Country Branch Me	embership					
rading Capacity 1 AOTC	Trading Capacity 2 CHOOSE	-					
luyer Firm Id	Seller Firm Id		~				

After correcting the erroneous fields, click on the "UPDATE" button and confirmation message appears.



Click "YES" to confirm the operation and the transaction will be updated, or "NO" to cancel.

7.6 **CANCELLATION OF OBOE OR OBOE+ARM TRADES**

Users with the appropriate rights can cancel transactions. Transactions that can be cancelled are transactions with status : Check & Ready, Failed or Warning trades.

To process a cancellation, from the Transaction details screen, select the transaction line to be cancel by checking the checkbox on the left of the screen.

							Lonp20		•
T 113 TR/	ANSACTIONS		SELECT COLUMN T	O DISPLAY	FREE	SEARCH Q		FILTER	i=
STATUS	OF TRADE ©	REASON OF THE STATUS	TRADING VENUE	ISIN ¢	TRADE REFERENCE \$	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPART	Э
	0		XMSM	IE00BD2FxD00	TDD2A5LU4TB44541478542	2018-09-18 11:11:12	7	7H6GLXDRUGQFU57RNE97	\bigcirc
	0		XMSM	IE006D2RXD00	SLLCWNEMO208UKISMWDZFEC300BJG0	2018-09-18 11:11:12	7	7H8GLXDRUGQFU87RNE97	X
	0		XMSM	IED0BD2P0(D00	YGSSGQXKSYFJSSJHOPWAFTYLD5Z3ZEJ	2018-09-18 11:11:12	7	7H6GLXDRUGQFU67RNE97	×

Click on the cancel icon icon from the contextual menu in the right part of screen. A confirmation message will appear :

1510510-02-10	2882062-00500		AUA17A IO	1211201111	_
				×	:
are you su	e you want to canc	el items ?			
		✓ YE	S X	NO	

Once transaction cancelled. The total number of cancellation transactions increases on Dashboard.

OFF-BOOK ON EXCHANG	E OBOE				
Total Transactions	ALL FAILED	113	ALL CANCELLED	7 ALERTS	
192	58.85%	113	3.65%	2.08%	4

The status of trade cancelled changed from \heartsuit or 9 or 4 to 3

							💄 bnp20	
7 TRAN	SACTIONS		SELECT COLUMN TO	DISPLAY ·	FREE	SEARCH Q		FILTER
STATU	S OF TRADE O	REASON OF THE STATUS	TRADING VENUE	ISIN O	TRADE REFERENCE \$	TRADING DATE TIME	PRE TRADE FLAG	ENTERING COUNTERPART
	8		XMSM	IE00BDZRXD00	TDD2A5LU4TB4454145154	2018-09-18 11:11:12	7	7H8GLXDRUGQFU57RNE97
	8		XMSM	IE00802RXD00	TD02A5LU4TB44541478542	2018-09-18 11:11:12	7	7H8GLXDRUGQFU57RNE97
	\$3		XMSM	IE00BDZRXD00	1TFBNØMTYRHOE42HF8SRXSX1E4FNØMU	2018-09-18 11:11:12	7	7H8GLXDRUGQFU57RNE07
	8		XSMP	IE00B0ZRXD00	SRFYFTOE501589	2018-09-17 18:42:22		549300SZKMCJPPF1VH37

8. APPROVED PUBLICATION ARRANGEMENT PRE-TRADES – QUOTES

8.1 **QUOTE REPORT CONSULTATION**

The Saturn application provides the details of private quotes that have been submitted by a Systematic Internaliser (SIs). Private quotes are displayed for private users. The definition of private users *will be defined in a future version:*

EURONEXT	SATURN qa2									APA P	RE-TRADE
									🅐 bnp20		C
0 QUOTES				FILTER	=						
SECURITY ID	PRICE CURRENCY	міс	BID USER	BID DATETIME	BID SIZE	BID	ASK	ASK SIZE	ASK DATETIME	ASK USER	С
					No records found						\odot
										H	a

COLUMN	SOURCE	DESCRIPTION
BID USER	Saturn field	Name of user that submitted the BID
BID DATE TIME	Saturn field	Bid Time
BID SIZE	Saturn field	Bid Number of units of the financial instrument. The nominal
DID SIZE	Saturnieu	or monetary value of the financial instrument.
BID	Saturn field	Bid Price
ASK	Saturn field	Ask Price
ASK SIZE	Saturn field	Ask Number of units of the financial instrument. The nominal
		or monetary value of the financial instrument.
ASK DATE TIME	Saturn field	Ask Time
ASK USER	Saturn field	Name of user that submitted the ASK

8.2 APA PRE TRADE CRITERIA

On the Status report page, define declarations and trades to view by typing or selecting values for these search criteria:

- ASK Quantity From to
- ASK Price From to
- SECURITY ID
- MIC
- BID Quantity From to
- BID Price From to
- BID USER
- ASK USER

Click on the "RUN" button to apply selected filters.

9. SHORT-LONG CODES MANAGEMENT SERVICES

9.1 **DASHBOARD**

After connecting to Saturn application, the Dashboard page appears. This page gives a global view of all services to which the user is entitled.

The dashboard displays information about the total number of the SLC uploaded by a user, number of all failed SLC and the number of SLC by market type (Euronext, Luxembourg, Sigma-X, Synapse, AX).

					REFRE	SH ALL	8			
ARM & APA POST-TRADE C	OVERVIEW									C
Total Transactions	ALL FAILED	93.4K	ALL ISIN PENDING	24.0K	ALL REJECTED	6	ALL CANCELLED 33	ALL PENDING 0		
73.1K	100%		32.87%		0.01%		0.05%	0.00%		
DETAIL										
OFF-BOOK ON EXCHANGE	OBOE									ď
Total Transactions	ALL FAILED	573	ALL CANCELLED	13	ALERTS	107				
925	61.95%		1.41%		ALERTS 11.57%					
DETAIL										
POSITIONS OVERVIEW										ď
Total Positions	ALL FAILED	721	ALL HEDGING	14	ALL NOT HEDGING	724	ALL CANCELLED 7			
752	95.88%		1.86%		96.28%		0.93%			
DETAIL 🗮										
SHORT/LONG CODE OVER	VIEW ()									ď
Total Codes	ALL FAILED	0	ALL EURONEXT	0	ALL BDL	0	ALL Sigma-X 0	ALL Synapse C	ALL AX Block Trading	0 ALL Morgan Stanley
0	100%		100%		100%		100%	100%	100%	100%

The blocks "ALL FAILED", "ALL EURONEXT", "ALL BDL", "ALL Sigma-X", "ALL Synapse" and "ALL AX Block Trading" are clickable and redirect to a pre filtered list of SLC.

If for example the block "ALL Sigma-X" is selected, a list of all SLC with "ALL Sigma-X" as market type is shown.

0.27%	igma-X 6	27								
EURON	EXT SATURN ga2									-
								a usertt		
19667 COD	6		si	ELECT CO	LUMN TO DISPLAY				FATER.	
-	10006 8	1040 0000 *	0418 P	-	0000.0000 B	-	EMISTINE DATE &	excente a		3
	2 m (anaccession in the local diversion of the loc	and a second	O	Report of the Polyana Induce ()	Arrent	(practical	100-01-0		R
11		40400000		0	Installant Second With For as in Apr	Arrest -	214.014	1227-00-10		8
10	0.00	100000000		0	construct Dancer With Free as a failure (Arrest	2110-12-00			1
	*****	chemistric de la	geing eige	0	Dart sections as a lateral (2 or Proj.	Report	2011-0-0			14
8	414(1000)	LINKSCOM HARD	2011-0120 (Speed	0	Dari vantiato a charre 2 e PM.	Arrest	2010/201			•
11	21240044	10010202000		0	Derivation aufeiner ihn PM.	Arrest	207-14			
1		(And States)	201-021-024-0	0	Constant Street From participations	Sent.	201-014	10.04		
8	-1012/002	1000000000000000	1011-1012 VE18-17	0	Energie (IIII-Friedlich), stat	Sport.	2016-01-10	3336-14		
11	100204290	124020301161	211021034	0	Complete Million Free and Service 10	Spar.	822-38-78	0004-0210		
11		and the second	201-102 ¹ 1034.0 ¹	0	transpectation data for a starp	Spart .	2020.00.01			
8	100700	a description	1011-1012* v614-07	0	Barrier from Times any, size	Spect.	2040-0	1000010		
8		12400000440	0102304	0	Ensurement descent from an a right, refuge	Spect.	(manuar)	-104-01-16		
10	1001040110	194030-000	10-1-10-1 ¹ 10-14-1 ¹	0	fact framely from the set of	Spat	pastal-to			
100	000245	100000000000	ann ann an	0	manager because show has an end of	Spin 1	ana ana	100-01-01		

	DETAIL	
the "DFTAIL" Button:		

On the dashboard page, the "DETAIL" Button:

will show the total amount of SLC by Status, date, user and market type.

SHORT/LONG C	ODE OVERVIEW					ď
Total Col 10.1	ALL FALLED	0 ALL EU	RONEXT ALL	4% 14 Alt Signa X 4% 0.27%	27 0.02%	2 ALLAX Block Trading 2 0.02%
17 ITEMS	TOTAL #	DATE &	MARKET TYPE &	USER #	PARTICIPANT ID 8	
0	1023	2017-10-10	Econol.	84971	000008/19	
•		2017-00-27	Spect	truit!	00000179	
•	9	2017-10-27	Barmet	trail	00000879	
•		2017-10-27	Luxertourg	101g20	0000879	
0	1	2017-01-04	former	argitt	0000079	

You can filter this list by clicking on the button "FILTER":

SHORT/LONG C	ODE OVERVIEW										ľ
Total Coc 10.1	ALL FAILED	0 ALL EL 100%		ALL BDL 14 0.14%	ALL Sigma-X 0.27%	27	ALL Synapse 0.02%	2	ALL AX Block Trad	ing 2	
DETAIL 17 ITEMS	E								~	FILTER	≡
STATUS \$	TOTAL \$	DATE 🖨	MARKET TYPE \$	USER ¢		DATE				STATUS	
0	10028	2017-10-10	Euronext	bnp	1	From		- To		CHOOSE	-
0	26	2017-10-27	Sigma-X	bnp2	0	τοτα				PARTICIPANT NAME	
0	10	2017-10-27	Euronext	bnp	0	From		- To			- 1
0	0	2017-10-27	Luxembourg	bnp	0	USEF	ł	PARTIC	CIPANT ID	MARKET TYPE Sigma-X	
0	3	2017-11-09	Euronext	bnp	0		_	_			_
						CLE	AR ITEMS	3		RUN	3

A pop-up will appear to filter the list by:

- Date
- Total
- User
- Participant ID
- Status
- Market Name
- Participant Name

Click the "RUN" button to submit the filter or the "CLEAR ITEMS" button to reset the filter.

After clicking the **"RUN"** button, the filtered list will appear:

T 2 ITEMS						FILTER III
STATUS .	TOTAL .	647E #	WARET TYPE +	usen e	PARTICIPANT ID #	PARTICIPANT COMMERCIAL NAME #
0	24	2017-00-27	SyraX	hail	00000879	
۲		2017-10-28	Spra X	aptimel	00000879	
						K 44 5 39 H 5 4

9.2 SLC CONSULTATION

The Saturn application provides the details of all SLC that have been submitted with their respective status:

								🌲 in 1		6
iees cool	EK .		si	ELECT CO	LUMN TO DISPLAY				TATES	
u unore	1000E #	4040 COUR &	941 H	analus a	construct a	-	APPECTIAL DATE: 8	-	-	3
		Linebootur	2110202	۲	Remains Million Print and Allenter ID	house	216-018	225.06.16	142	10
	in l	Linearanan	101-1410-011	0	transact Jacase (10) From a Pape	darren .	2112-11.00	3021-00-08	1440	
1	14	(04003052	2010/06/07	0	Contract Sector With Free as a factorial	frees	274.45.0	000.05.14		
10	-	LONDON WAR		0	Carl sectors a characteric strate.	Acres	gast-st-sg			141
8	#1000	12462008-0260	2010/01/02/4	0	Carl Intelligence in Amore 2 in Pers.	direct .	341115-01		ang/1	(÷)
	(11)-01-0	PERPERTITION	(0.0 × 0.0 × 0.0 × 0.0	0	Cart montpaties as a famous in a Paris.	Byrange.	1011-1-0E		99471	
11	-material	cover concerns	211-521-0340	0	Design while first as a type store	Spect.	2011-01-25		****	
		T0x900043%LM	1010-014110-01	0	Designed (Price Free as a fight set of	Same -	2210-22-10	2010/01/18	****	
	01004008	10MR/CDF-ME	201-021 0-047	0	1 march 1000 First and 1000 First	Syner .	20+0-0	101-02-0	****	
11	11242424230	similar and	21000000	۲	manuel Incom With Treasurage	Spect.	and the second second	and the second		
	avairtus	Linectoties	1011-0027 MINUT	0	frances and for a cost of	1041	2016-01-02	228.0118	-	
		.000000-00	1017-0147-04 (4107	0	Enderstand West Process and Arganisation	ligned.	21.04.04	2020-02-05	***	
11	1001048778	Lawecounteres	2110210447	0	Test Danuting Brown Date as a UK	59141	2020-02-11	10840-11	****	
11	-714834835	LOWING MADE IN	ACCORD. 10.04.07	0	maximum factors down from as an inge-	Spint	attacta de	101110-08	-	
10.	- Palaneese .	LINECODERINE	2010/02140401	0	distantial define from as a high, being	Apres 1	2040-0	10000-01	angeld.	

The following default information is provided:

COLUMN	ICON /FORMAT	SOURCE	DESCRIPTION
SELECTION		Saturn field	User can select one or multiple SLC: One line for manual modification One or multiple lines for single or multiple cancellations
SHORT CODE	AlphNum	Saturn field	Short code that is used by the Participant in order entry
LONG CODE	AlphNum	Saturn field	Long code that will be populated for the purposes of MIFID Order Record Keeping (RTS 24).
DATE	YYYY-MM-DD HH:MM:SS	Saturn field	Date/Time of last update of the SLC
STATUS		Saturn field	Indicates the current status of the SLC A status description is available on roll-over Checked & Ready 1
MARKET TYPE	Multi-choice	Saturn field	The market data
EFFECTIVE DATE	YYYY-MM-DD HH:MM:SS	Saturn field	Date as of which the short and long code mapping is effective.
END DATE	YYYY-MM-DD HH:MM:SS	Saturn field	When filled, indicates when the registration for the short and long code mapping is no longer effective End date must be greater than the effective date.
USER		Saturn field	User that inserted the SLC

The window offers additional information and features:

SLC criteria – access to all SLC filters:



• Choice of the columns to display in the table:

SELECT COLUMN TO DIS	PLAY 🔻
Q	×
Short Code	^
Long Code	· · · ·
Date	
Status	- 11
Code Type	
Market Type	
	Ψ.

Additional features are available from the menu on the right of the report:

FUNCTION	DESCRIPTION
$\boldsymbol{\zeta}$	Refresh button
x	Export to Excel. The exported file will contain the list of all SLC with all columns.
8	Cancel selected SLC
	Edit selected SLC
ආ	Insert a new SLC via Copy
Ð	Insert a new SLC

9.3 SLC POSSIBLE STATUSES

SLC can be submitted to Saturn from Monday to Friday, from 7:00 AM to 10:00 PM CET.

As soon as an SLC is received by Saturn whatever the format (JSON, XML or CSV), it is processed in realtime by the Saturn Check Module. As a result of this validation, a status is sent back to the user. The SLC is displayed in the User Interface with its appropriate status.

STATUS	DESCRIPTION
Euronext <u>Statuses</u>	
Checked & Ready	Compliant SLC
Failed	 Failed: SLC contains errors. Failed SLC can be corrected and re-submitted for Euronext validation. By clicking on the line, users can get access to the list of errors.

9.4 **AMENDING A FAILED SLC**

It is possible to manually amend an SLC from the Saturn User Interface especially if it is in 'Failed'. To edit and amend an SLC, do the following:

• For a "Failed" transaction, it is recommended to point directly to the list of "ALL FAILED" SLC by clicking on the dedicated button from the dashboard page:



- Otherwise, from the detailed SLC report view based on user's criteria.
 - Select the SLC to amend. Please note that manual SLC amendment in the Saturn application can only be done for one SLC at once. Mass corrections can only be done via the Web Service: *In case multiple lines are selected, the amend button will disappear.*
 - 2- Choose the SLC to amend by checking the checkbox on the left of the screen or by clicking in the SLC's line.

Click the "edit selected item icon on contextual menu on the right of the screen.

The following window appears and erroneous fields are highlighted in red:

Long Code	Market Type	
FEEFEZFZFZ4545	EURONEXT	•
End Date		
2016-10-10		
[1008] incorrect end date greater than effective dat		

- 6. After correcting the erroneous fields, click on the "UPDATE" button. A confirmation message appears.
- 7. Click "**YES**" to confirm the operation or "**NO**" to cancel:

		×
are you sure you want to update	this code ?	
	✓ YES	× NO
	• 120	

Modified data is inserted in the SLC line.

9.5 CANCELLING A SLC

Users with the appropriate rights can cancel SLC,1 to N SLC can be cancelled in the pane.

To cancel an SLC:

8. From the Transaction details screen, choose the lines to cancel.

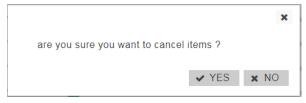


Choose the SLC to cancel by checking the checkbox on the left of the screen.



Click the "cancel" icon from the contextual menu in the right part of screen.

10. A confirmation message appears:



Click "YES" to confirm the cancellation of the selected SLC.

9.6 SLC CRITERIA

On the Status report page, define declarations and trades to view by typing or selecting values for these search criteria:

- SHORT CODE
- LONG CODE
- MARKET TYPE
- STATUS
- CODE TYPE
- USER
- EFFECTIVE DATE
- END DATE

Click on the "RUN" button to apply selected filters:

									-	188		
5007 F000	es		st	ELECT CO	LUMN T	O DISPLAY					FRITER	=
	0000	1000 0000 *	0475. B	-	-	зноят сосе	LONS CODE		EFFECTIVE	DATE		
	1.6611	LONGCOMP.	1000 CO. 20 10 10 10	0	. Basic				Filom		- 31	
		increase.	411111111111111111111111111111111111111	۲	in such a	SAUDKET TYPE CHOCKE	CODE TYPE CHOOSE		END DATE From		· b	
1		104000002	2011-11-09-00-00-01	0	-	status	USER					
11	410.10	1000000000000	1011-11-00 FT 102-04	0	() and the	CHOOSE						
11	encolana	1246(2281000)	2010/08/02640	0	Cert IN	THE REPORT					(Change)	0
8	111404	ARMINO COM	4017-0-04 14 20 21	0	(inter-	THE PARTY OF	1				808	
	mana	0400000	2014027-00407	0	Anna		autor.	300	06.07	10.00	and.	
	-171-102	unercoorder of	30×1-10-27 10(3×3) ²	0	. Ander		Spin 1				140	
	1.11100408		1017-0147 (R.I.R.IT	0	(Balant	an determinent of the second second second	Agent .	.022	0.0	30404	mail	
		upon constants	2017 10-27 Hole 27	0	-	Design of the second participan	Spect.	- 20	0420	2010124-20	-	
	-	circulation	1011-10-17 (0.1m3)	0	here		Spect		e-e	100.01.00		
		10400308444	201-0427-043847	0			New?	1014	10.16	-	100	
	101104170	- Providence -	-	0	-	the second prove (Spred.		46.14	1998-00-11	****	
1	anizers'	009800081877	2011/01/27 10:04:07	0	-	Design dates from a series	Spect.	- 21.0		100.007	99922	
		100000000000000000000000000000000000000	and said second	0	1000	Chargest State Free as at Age.	Served 1		and a local	and the second		

9.7 INSERT A NEW SLC FROM THE SATURN WEB APPLICATION

It is possible to submit a new SLC via the Saturn GUI by entering all its details manually. Users should nevertheless use this option as a back-up due to the number of data that must be entered. To manually submit a SLC, do the following:

Click on "Insert Code" icon from the contextual menu in the right part of screen. The new SLC overlay is displayed:

+

Short Code	Long Code
Code Type CHOOSE	•
Market Type	Effective Date
CHOOSE	▼ YYYY-MM-DD
End Date	
YYYY-MM-DD	

Populate all fields with expected data and click on the "**INSERT**" button. The new SLC line will appear in the SLC status report.

10. COMMODITY REPORTING SERVICES

10.1 **DASHBOARD**

After connecting to the Saturn application, the Dashboard page appears. This page gives an overview of services to which the user is entitled.

The dashboard displays information about the total number of the positions uploaded by a user, the number of all failed positions, ALL hedging (Risk reducing indicator at True) ALL not hedging (Risk reducing indicator at False) and ALL Cancelled.

EURONEXT SATURN qa2							COMMODITY R	EPORTING
						🕚 bnp2	D	
POSITIONS	SELE	CT COLUMN TO DISPLA	Y •		FREE SEARCH	Q	FILTER	i
HISTO REPORT REFERENCE NU	MBER \$ STATUS \$	HOLDING POSITION TRADING DAY	≎ DATE ≎	REPORTING ENTITY ID \$	POSITION HOLDER ID \$	POSITION HOLDER ID TYPE \$	TRADING VENUE IDENTIFIER \$	£
			N	a records found				
							K ≪(¹)≫ H 15	
ITIONS OVERVIEW								
Total Positions ALL FA	ILED 49	ALL HEDGING 26	ALL NOT HEDGING	25 ALL CANCELI	LED 1			
51		50.98%	49.02%	1.96%				
ETAIL 🔚								

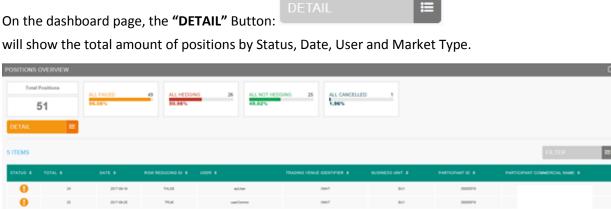
The blocks "ALL FAILED", "ALL HEDGING", "ALL NOT HEDGING", "ALL CANCELLED", are clickable and redirect to a pre filtered list of positions.

If for example the block "ALL HEDGING" is selected, a list of all positions with "ALL HEDGING" as market type is shown.



26 POSITIONS SELECT COLUMN TO DISPLAY			SELECT COLUMN TO DISPLAY * FREE SEARC				Q		
BUSINESS UNIT 🗘	POSITION TYPE .	POSITION MATURITY	LONG POSITION QUANTITY	DELTA EQUIVALENT LONG POSITION	SHORT POSITION QUANTITY \$	DELTA EQUIVALENT SHORT POSITION	RISK REDUCING INDICATOR		
BU1	OTC equivalent	All other months	262693	52103	292972	786800	TRUE		
BU1	Futures	Spot month	650444	150007	89570	888317	TRUE		
BU1	Futures	Spot month	744148	10306	131144	513103	TRUE		
BU1	OTC equivalent	All other months	4569-48	346984	652318	665877	TRUE		
BU1	Futures	Spot month	527190	577349	457123	466085	TRUE		
BU1	Options	Spot month	409036	804548	347139	81028	TRUE		
BU1	OTC equivalent	All other months	413093	39660	679603	929970	TRUE		
BU1	Futures	All other months	005240	211788	07500	220807	TRUE		
BU1	OTC equivalent	All other months	64417	851061	370653	83853	TRUE		
BU1	OTC equivalent	All other months	714180	435409	401951	175405	TRUE		
BU1	Options	All other months	307749	551540	722228	965477	TRUE		
BU1	Options	Spot month	247529	584324	172328	043040	TRUE		
BU1	OTC equivalent	Spot month	776743	739411	180542	72582	TRUE		
BU1	OTC equivalent	All other months	120085	304459	380220	990989	TRUE		
BU1	Options	Spot month	874232	185781	378902	400199	TRUE		

H ≪ 1 2 → H 15 ✓



XEA.

844

0000879

H H 1 H H 5

0		2017-08-21	14,38	une Corresp	2007	8.4	0000079	
					_			
						ITER	:=	
Vouica	an filter th	nic list hv	clicking	on the button				
100.00								

POSITIONS OVERVIEW

	Positions	ALL FAILED	49 ALL HEDGIN	G 26 ALL NOT HE	DGING 25	ALL CANCELLED 1			
5		96.08%	50.98%	49.02%		1.96%			
TAIL	=								
EMS									FILTER
					TRADING VENUE IDE	DATE		STATUS	BUSINESS UNIT
TUS =	TOTAL ©	2017-09-19	RISK REDUCING ID +	USER ©	TRADING VENUE IDE	From	- To	STATUS CHOOSE	
						From		CHOOSE	
0	24	2017-09-19	FALSE	spiUser	XMA	From TOTAL From	- To	VENUE	
0	24 23	2017-09-19 2017-08-25	FALSE	apiUser userCommo	30.0 30.0	From TOTAL From USER		CHOOSE	PARTICIPANT NAME

A pop-up will appear to filter the list by:

2011-08-28

14,35

• Date

0

0

- Total
- User
- Participant ID
- Status
- Venue
- Risk reducing ID
- Business Unit
- Participant Name

Click the "RUN" button to submit the filter or the "CLEAR ITEMS" button to reset the filter.

After clicking the **"RUN"** button, the filtered list will appear:

Т тлем	5							FILTER III
STATUS .								PARTICIPANT COMMERCIAL NAME 8
0	2	2017-08-28	75.6	undarma	2007	8.0	00000179	
								HH B BH BV

10.2 COMMODITY REPORT CONSULTATION

The Saturn application provides the details of all commodity positions that have been submitted with their respective status.

Click on COMMODITY REPORTING:

EURONEXT SATURN ga2					COMMODITY REP	ORTING
				> bnp20		C
0 POSITIONS	SELECT COLUMN TO DISPLAY		FREE SEARCH	Q	FILTER	E
HISTO REPORT REFERENCE NUMBER \$	STATUS & HOLDING POSITION TRADING DAY & DATE	REPORTING ENTITY ID	POSITION HOLDER ID 0	POSITION HOLDER ID TYPE	TRADING VENUE IDENTIFIER	С
		No-records found				\bigcirc
					H ≪(¹) → H ¹⁵ ∨	 ⊥ ↓ ↓

The list of commodity positions are displayed as follows:

EUI	RONEXT SATURN qa2					🐴 DASHBOARD	COMMODITY REPORTIN	G 🔅
							CommoUser	
37 P	OSITIONS	SELEC	T COLUMN TO DISPLAY	-	FREE SEARCH	Q	FILTER	:
	REPORT REFERENCE NUMBER \$	STATUS 🗢	HOLDING POSITION TRADING DAY	DATE 🌣	REPORTING ENTITY ID 🗢	POSITION HOLDER ID 🗢	TRADING VENUE IDENTIFIER 🗢	C
	QATCOMM0003	•	2017-01-10	2017-11-13 14:35:02	2138007TNJ412N79RU03	2138007TNJ412N79RU03	XMAT	0
	HPWM01KQ50	0	2017-08-02	2017-11-09 10:22:48	7H8GLXDRUGQFU57RNE97	R0MUWSFPU8MPRO8K5P83	XEUE	2
	TRADEREFERENCE597	0	2017-11-21	2017-10-11 14:53:39	54930012Y1LCN3FHSB30	549300FEXEH0B3TS5U26	XMAT	2
	TRADEREFERENCE590	0	2017-11-25	2017-10-11 14:53:39	549300 FEXEH0 B3 TS 5U 26	54930035Z08DW3R34538	XMAT	
	TRADEREFERENCE595	0	2016-10-13	2017-10-11 14:53:39	549300 FEXEH0 B3 TS 5U 25	5493005GIOHA4VVQNV28	XMAT	q
	TRADEREFERENCE594	0	2015-10-29	2017-10-11 14:53:39	54930012Y1LCN3FHSB30	549300 OEV8 QJ 44 FN U7 39	XMAT	E
	TRADEREFERENCE593	0	2016-10-25	2017-10-11 14:53:39	5493009Z76P5B851RY34	549300FEXEH0B3TS5U26	XMAT	
	TRADEREFERENCE592	•	2017-10-11	2017-10-11 14:53:39	549300 FEXEH0 B3TS 5U 26	549300KFCCJ1Y2M20965	XMAT	
	TRADEREFERENCE591	•	2015-11-29	2017-10-11 14:53:39	549300BXEK8ERXF07G21	549300 BXEK8ERXF07G21	XMAT	
	TRADEREFERENCE590	•	2016-11-16	2017-10-11 14:53:39	5493003SZ08DW3R34S38	549300UPZ83BMVN7WS47	XMAT	
	TRADEREFERENCE587	0	2017-11-21	2017-10-11 14:49:60	54930012Y1LCN3FHSB30	549300FEXEH0B3TS5U28	XMAT	
	TRADEREFERENCE586	0	2017-11-25	2017-10-11 14:49:50	549300 FEXEH0 B3 TS 5U 26	54930035Z08DW3R34538	XMAT	
1	TRADEREFERENCE585	0	2018-10-13	2017-10-11 14:49:50	549300 FEXEH0 B3 TS 8U 28	5493005GIOHA4VVQNV28	XMAT	

COLUMN	ICON /FORMAT	SOURCE	DESCRIPTION
SELECTION		Saturn field	User can select one or multiple positions: One line for manual modification One or multiple lines for single or multiple cancellations
REPORT REFERENCE NUMBER	alphanum	Saturn field	Identification number that is unique to the executing firm for each position report.

COLUMN	ICON /FORMAT	SOURCE	DESCRIPTION
STATUS	 • •<	Saturn field	Indicates the current status of the position report A status description is available on roll-over Accepted -10-18 08:20:22
HOLDING POSITON DAY	Date		
DATE	Date	Saturn field	Submission date
REPORTING ENTITY ID	Alphanum	Saturn field	
POSITION HOLDER ID		Saturn field	
TRADING VENUE IDENTIFIER	MIC code	Saturn field	Identification of the venue applicable to the position

10.3 **THE DIFFERENT POSITION STATUSES**

Possible status of Commodity Position Report:

STATUS	DESCRIPTION
Euronext <u>Statuses</u>	
Checked & Ready	Checked & Ready: Position report validated
Failed	 Failed: Position report contains errors. Failed position reports can be corrected and resubmitted for Euronext validation prior to the cut-off time. By clicking on the line, users can get access to the list of errors.
Cancelled	Cancelled : Position report cancelled by user
Pending	Processing of position report is pending. This status code is used in case the position report cannot be validated due to missing reference data.

10.4 **AMENDING A FAILED POSITION**

It is possible to manually amend a position from the Saturn User Interface especially if it is in 'Failed'. To edit and amend a position, do the following:

• For a "Failed" position, it is recommended to point directly to the list of "ALL FAILED" position by clicking on the dedicated button from the dashboard page:

ALL FAILED	49
96.08%	

- Otherwise, from the detailed position report view based on user's criteria.
 - 3- Select the position to amend. Please note that manual position amendment in the Saturn application can only be done for one position at a time. Mass corrections can only be done via the API Web Service:

In case multiple lines are selected, the amend button will disappear.

4- Choose the position to amend by checking the checkbox on the left of the screen or by clicking in the position's line.

Click the "edit selected item icon on contextual menu on the right of the screen.

The following window appears and erroneous fields are highlighted in red:

Security Id	
FRENX0873815	
Holding Position Trading Day	Reporting Entity ID
2017-10-20	549300FNZ97DXGFX0T14
	[11] wrong esma code. not referenced.
Position holder ID	Position holder email
5493009Z76P5B851RY34	test3@demo3.com
[11] wrong esma code. not referenced. Ultimate Parent entity ID	Ultimate Parent entity email
5493003SZ08DW3R34S38	holder1@client.com
Ultimate Parent entity type	Trading Venue
NATIONAL ID	-
	XMAT [13] invalid value
Position Type	Position Maturity
OPTIONS	✓ ALL OTHER MONTHS
Long Position Quantity	Delta Equivalent Long Position
852317	873795
Short Position Quantity	Delta Equivalent Short Position
198020	515436
Risk Reducing Indicator	Investment Firm Indicator
FALSE	▼ FALSE ▼
Free Text1	Free Text2
Smith	Henry
Free Text3	Free Text4
Gris	Audi
Free Text5	
Londres	

11. After correcting the erroneous fields, click on the "UPDATE" button. A confirmation message appears.

12. Click "YES" to confirm the operation or "NO" to cancel:



Modified data is inserted in the position line.

10.5 CANCELLING A POSITION

Users with the appropriate rights can cancel positions. 1 to N positions can be cancelled in the pane.

To cancel a positon:

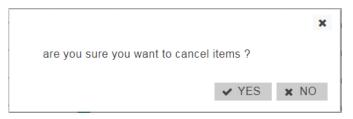
13. From the Transaction details screen, choose the lines to cancel.



Choose the position to cancel by checking the checkbox on the left of the screen.

14. Click the "cancel" icon from the contextual menu in the right part of screen.

15. A confirmation message appears:



Click "YES" to confirm the cancellation of the selected position.

10.6 **EDITING A POSITION**

To view more details of declarations or trades, do the following:

1) Click on the following button in the menu:



The list of positions are displayed:

Euronext Global Reporting solution – Saturn User Interface

					Q	
REPORT REFERENCE NUMBER ©						
TRADEREFERENCESVEA8376670463	0	2017-10-20	2017-09-19 11:59:40	549300FN297DXGFX0T14	5493009276P58861RY34	XMAT
TRADEREFERENCEL YFY3030585001	0	2018-10-23	2017-09-19 11:59:40	549300UP233BMVN7W547	540300EXEKSERXF07G21	XMAT
TRADEREFERENCERYFF3824385595	0	2015-10-10	2017-09-19 11:59:40	540300FEXEH083TS5U26	549300FEXEH083TS5U28	XMAT
TRADEREFERENCE/PWQ1205641032	0	2017-10-21	2017-09-19 11:59:40	548300/VCJ7FAYQ3/T80	54230035Z080W3R34538	XMAT
TRADEREFERENCESBT0695604058	0	2017-11-24	2017-09-19 11:59:40	549300IVCJ7FAYQ3IT80	549300KFCCJ1Y2M25965	XMAT
TRADEREFERENCEZHG78545041588	0	2015-10-13	2017-09-19 11:59:40	540300K5VS7ZR87WM540	549300352080W3R34538	XMAT
TRADEREFERENCEN/WKg706888862	0	2016-11-18	2017-09-19 11:59-40	548300HUWQH1YHZVHL75	548300FN297DXGFX0T14	XMAT
TRADEREFERENCEN+IX4724098444	0	2017-10-28	2017-09-19 11:59:40	544300BXEK8ERXF07021	549300UP2838MVN7WS47	X847
TRADEREFERENCECRPT9810592222	0	2015-11-15	2017-09-19 11:59:40	54930335Z08DW3R34538	549300FEXEH0B3T55U28	XMAT
TRADEREFERENCELKFU8789769411	0	2015-11-26	2017-09-19 11:59:40	540300UP283BM//N7W547	5483000EV8QJ#4FNU738	20847
TRADEREFERENCEHTBUB907357549	0	2018-10-14	2017-09-19 11:59:40	5460005GIOHA4V/QNV28	549305GIOHA4VVQNV28	XMAT
TRADEREFERENCELHMT5076062302	0	2017-11-26	2017-09-19 11:59:40	549300BXEK8ERXF07G21	549300UP2838MVN7W547	X8847
TRADEREFERENCEBCIU2534017457	0	2015-10-21	2017-09-19 11:59:40	549300KFCCJ11/2M20985	549300/VCJ7FAYQ3/T60	XMAT
TRADEREFERENCEPCUC8199034929	0	2017-10-24	2017-09-19 11:59:40	5493000EV8QJ44FNU739	546300HUWQH7YHZVHL75	XMAT
TRADEREFERENCE/TPJ8322854757	0	2017-11-18	2017-09-19 11:59:40	549300K8VS72R87VM/549	54R300FEXEH083TS5U26	XMAT

Two types of views are available:

- a) Restricted view: the most important data for the position report is displayed;
- b) Extended view: all data for the position report is available.

The contextual menu offers users the option to switch from one view to another.

To edit a position:

- 1. Choose the position to edit by checking the checkbox on the left of the screen;
- 2. Click the "edit selected item "icon on contextual menu on the right of the screen.

The overlay with all fields is displayed.

Security Id	
FRENX0873815	
Holding Position Trading Day	Reporting Entity ID
2017-10-20	549300FNZ97DXGFX0T14
	[11] wrong esma code. not referenced.
Position holder ID	Position holder email
5493009Z76P5B851RY34 [11] wrong esma code. not referenced.	test3@demo3.com
Ultimate Parent entity ID	Ultimate Parent entity email
5493003SZ08DW3R34S38	holder1@client.com
Ultimate Parent entity type	Trading Venue
NATIONAL ID	XMAT
	[13] invalid value
Position Type	Position Maturity
OPTIONS	ALL OTHER MONTHS
Long Position Quantity	Delta Equivalent Long Position
852317	873795
Short Position Quantity	Delta Equivalent Short Position
198020	515436
Risk Reducing Indicator	Investment Firm Indicator
FALSE	FALSE V
Free Text1	Free Text2
Smith	Henry
Free Text3	Free Text4
Gris	Audi
Free Text5	
Londres	

4. Click the "**UPDATE**" button to confirm the operation or the "**CANCEL**" button to cancel the operation.

10.7 **POSITION CRITERIA**

On the Status report page, define positions to view by typing or selecting values for these search criteria:

- REPORT REFERENCE NUMBER
- REPORTING ENTITY ID
- SHORT POSITION QUANTITY DELTA
- ULTIMATE PARENT ENTITY ID
- CONTRACT CODE
- LONG POSITION QTY DELTA
- POSITION TYPE
- POSITION MATURITY
- SHORT POSITION QTY
- POSITION HOLDER
- TRADING VENUE
- LONG POSITION QTY
- RISK REDUCING
- STATUS
- USER

Click on the "**RUN**" button to apply selected filters:

10.8 LIST OD INSTRUMENTS ON THE COMMONDITIES WITH THEIR ISIN CODE AND SPOT MONTH INDICATOR

In relation to Euronext agricultural commodity contracts listed on MATIF, Euronext confirms that the spot month for the purposes of MiFID II daily reporting is always the first maturity immediately available for trading.

Reporting of options on futures contracts follows the same logic as for their equivalent futures: options that have the spot month future as their underlying will also be classified as spot month options. As a reminder, there are only expiries of a monthly nature on MATIF contracts and the issue of infra maturities as mentioned in the ESMA Q&As does not arise.

For manual export is now available through the Saturn User Interface :

• Go to Repository in the Saturn main menu

Euronext Global Reporting solution – Saturn User Interface

	DASHBOARD
₹	APA & ARM REPORTING
۳	APA PRE-TRADE
	OBOE TRADE
	COMMODITY REPORTING
	SLC MANAGER
S	OTC TRADE
	ORDER ID MANAGER
B	REPOSITORY
\$	About 424
1	New submission

 Click on the Filter button (1) and type 'XMAT' (Paris Commodity Contracts) in the MIC field (2), then press RUN (3)

FILTER				
ISIN	CFI CODE		MIC	(
			XMAT	
CLEAR ITEMS	×	RUN		3

• The Spot Month indicator is visible in the **Expiry Date Offset** field (after you have manually selected an instrument)

	ISIN:	FRENX0011028
T 3.1K INSTRUMENTS	AMR:	YFEC0161100000F
	Venue:	XMAT
 FRENX0000393 (XMAT) FRENX0000625 (XMAT) 	Currency:	EUR
FRENX0000708 (XMAT)		
✓ FRENX0000708 (XMAT) ✓ FRENX0000815 (XMAT)	Classification Type:	FCAPSX
✓ FRENX0000815 (XMAT) ✓ FRENX0000856 (XMAT)	Product Code:	ECO
✓ FRENX0000036 (XMAT) ✓ FRENX0000914 (XMAT)	Symbol Index:	4226300016
FRENX0000922 (XMAT)	Underlying Product Code:	ECO
STRENX0000930 (XMAT)	Underlying Name:	Rapeseed / Colza
FRENX0001177 (XMAT)		
FRENX0001243 (XMAT)	Tick Size Numerator:	25
FRENX0001565 (XMAT)	Tick Size Denominator:	100
☑ FRENX0001664 (XMAT)	Is Deleted:	
☑ FRENX0001961 (XMAT)		
☑ FRENX0002043 (XMAT)	Is Liquid:	
☑ FRENX0002050 (XMAT)	ADT:	0.00000
FRENX0003983 (XMAT)	LIS PreTrade:	0
FRENX0004775 (XMAT)		
FRENX0005053 (XMAT)	LIS PostTrade:	0
☑ FRENX0005061 (XMAT)	SSTI PostTrade:	0
☑ FRENX0005079 (XMAT)	Expiry Date Offset:	Other maturities (2)
☑ FRENX0005087 (XMAT)		
FRENX0010988 (XMAT)	Sent To MDG:	0

• To export the **list of instruments** with **their Spot Month indicator** (a value of 0 means that the instrument belongs to the Spot Month) click on the **excel** button

T 3.1K INSTRUMENTS	🖻 🔁
FR0000120644 (XMAT)	· · · · ·

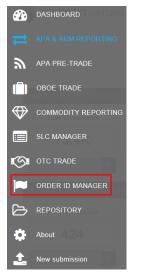
It is important that apply the filter on the MIC before doing the Excel export in order to limit the number of instruments to Commodity ones.

FILTER

≣

11. ORDER ID MANAGEMENT SERVICE

To access ORDER ID management service, go to the Dashboard and select "ORDER ID MANAGER":



11.1 ORDER ID CONSULTATION

The Saturn application allows you to view the details of all ORDER ID that have been submitted with their respective statuses.

								bnp20		
4 CODE	S		SELEC	T COLUMN TO DI	SPLAY 🔻				FILTER	
SHORT	CODE1 🗢	SHORT CODE2 \$	SHORT CODE3 \$	DATE O	MARKET TYPE 🗢	ORDER DATE 🗢	STATUS ≎	ORDER ID 🗢	ISIN CODE 🗢	
	74718401	-31437502	92652728	2018-10-10 19:38:39	Euronext	2018-10-10	0	3676531	NLENK9830728	
	56529560	00000714	18577205	2018-10-05 18:08:17	ND	2018-10-05	0	3064509	NLENX0458019	1
	-73300952	-48210825		2018-10-05 18:08:16	Euronest	2018-10-05	0	3555005	NLENX0456766	1
	-95755769	75495320	96506317	2018-10-05 18:08:14	Luxembourg	2018-10-05	0	4531474	NLEN00455340	٦
	72250481	44527450	11559487	2018-10-05 18:08:13	ND	2018-10-05	0	5819574	NLEN00458832	
	-49402789	46062025		2018-10-05 18:07:14	Euronest	2018-10-05	0	1615572	NLEN00457425	
	-91758085	-10771010	-62373374	2018-10-05 18:07:09	Euronext	2018-10-05	0	1840005	EUNL00103745	1
	83330182	-27822014	46953881	2018-10-05 18:07:05	Euronest	2018-10-05	0	9579933	NLEN00462538	1
	928345770	1164020418	338110542	2018-10-04 10:58:10	Luxembourg	2016-08-20	0	163779462	NLEN00454109	1
	753587000	-1686571822	1754517798	2018-10-04 10:58:10	Luxembourg	2015-03-22	0	1672857450	NLENX0456758	F
	-1954867454	735074208	+1030322808	2018-10-04 10:58:10	Luxembourg	2015-07-13	0	1423410822	NLENX0455541	1
	-1334550204	342763740	800022385	2018-10-04 10:58:10	Luxembourg	2015-08-25	0	700040424	NLENX0464323	1
	-2009591594	-324282024	-063474138	2018-10-04 10:58:10	Luxembourg	2016-05-21	0	800050234	NLENX0030718	1
	-43745807	80508298	-12233385	2018-10-03 17:23:17	Euronest	2018-10-03	0	4511094	NLENX0468308	F
	65940338	42076542	39004083	2018-10-03 17:20:14	Luxembourg	2018-10-03	0	3535544	NLENXD455849	1

COLUMN	ICON /FORMAT	SOURCE	DESCRIPTION
SELECTION		Saturn field	User can select one or multiple ORDER ID: - One line for manual modification - One or multiple lines for single or multiple cancellations
SHORT CODE1	Integer	Saturn field	ExecutionWithinFirmShortCode, MiFID II identifier of the trader {NationalID or identification of client } or algorithm {AlgoID} or responsible for the execution making
SHORT CODE2	Integer	Saturn field	MiFID II identifier for either one of the following: * InvestmentDecisionWithinfirmShortCode to identify the trader {NationalID} or algorithm {AlgoID} responsible for the investment decision making; or * ClientIdentificationShortCode to identify the client of the member or participant of the trading venue {NationalID, LEI, AGGR or PNAL}. In case there is DEA, the code of the DEA user shall be used.
SHORT CODE3	Integer	Saturn field	InvestmentDecisionWithinfirmShortCode to identify the trader {NationalID} or algorithm {AlgoID responsible for the investment decision making To be used optionally and where applicable in combination with ShortCode2 populated as ClientIdentificationShortCode
DATE	YYYY-MM-DD HH:MM:SS	Saturn field	Date of insertion / modification
STATUS	•	Saturn field	Indicates the current status of the ORDER ID A status description is available on roll-over
MARKET TYPE	Multi-choice	Saturn field	
ORDER DATE	YYYY-MM-DD	Saturn field	Date of the order
ORDER ID	YYYY-MM-DD HH:MM:SS	Saturn field	Number assigned by the Trading Engine upon successful validation of an incoming order. Please note: upon order modification, a new OrderID is generated by the Trading Engine. Members have to submit each OrderID even if the ShortCodes and DEAIndicators remain unchanged.
ISIN CODE	Alphanum	Saturn field	12-character alpha-numerical code that serves for uniform identification of a security, also known as Euronext Trading code
DEA Indicator	Integer	Saturn field	Indicates whether the order was submitted via a Direct Electronic Access (DEA) connection or not. It must be set to 1 for DEA access

The following default information is provided:

The window offers additional information and features:

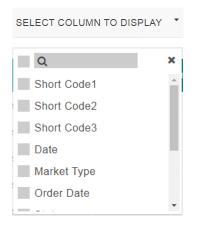
■ ORDER ID criteria – access to all ORDER ID filters:



USER

Saturn field User that inserted the ORDER ID

• Choice of the columns to display on the table:



• Additional features are available from the menu on the right of the report:

FUNCTION	DESCRIPTION
3	Refresh button
x	Export to Excel. The exported file will contain the list of all ORDER ID with all columns.
	Edit selected ORDER ID
ආ	Insert a new ORDER ID via Copy
	Insert a new ORDER ID
ŧ	

11.2 **ORDER ID POSSIBLE STATUSES**

ORDER ID can be submitted to Saturn from Monday to Friday, from 7:00 AM to 10:00 PM.

As soon as an ORDER ID is received by Saturn whatever the format (JSON, XML or CSV), it is processed in real-time by the Saturn Check Module. As a result of this validation, a first status is sent back to the user. The ORDER ID is displayed in the user Interface with its appropriate status.

STATUS		DESCRIPTION
Euronext <u>Statuses</u>		
Checked & Ready	0	Compliant ORDER ID
Failed		Failed: ORDER ID contains errors. Failed ORDER ID can be corrected and re-submitted for Euronext validation. By clicking on the line, users can get access to the list of errors.

11.3 AMENDING AN ORDER ID

It is possible to manually amend an ORDER ID from the Saturn User Interface especially if it is in 'Failed'.

To edit an ORDER ID, do the following:

1- Select the ORDER ID to amend. Please note that manual ORDER ID amendment in the Saturn application can only be done for one ORDER ID at once. Mass corrections can only be done via the Web Service;

2- Choose the ORDER ID to amend by checking the checkbox on the left of the screen or by clicking in the ORDER ID's line.

Click the "edit selected item 📝 icon on contextual menu on the right of the screen.

The following window appears and erroneous fields are highlighted in red:

Market Type	Dea Indicator	
EURONEXT	▼ FALSE	-
Short Code1	Short Code2	
qsqs	-1397532312	
Short Code3		
865756980		

3- After modifications click on the "UPDATE" button. A confirmation message appears.

4- Click "YES" to confirm your operation or "NO" to cancel:

	×
are you sure you want to update this coo	de ?
✓ YE	S X NO

11.4 ORDER ID CRITERIA

On the Status report page, define declarations and trades to view by typing or selecting values for these search criteria:

- SHORT CODE1
- SHORT CODE2

- SHORT CODE3
- MARKET TYPE
- ORDER ID
- DEA Indicator
- ISIN CODE
- ORDER DATE
- STATUS
- USER

Click on the "RUN" button to apply selected filters:

							La user11		
7 COE	ES		SELEC	T COLUMN TO DISI	PLAY *			FILTER	
SHO	RT CODE1 🗢	SHORT CODE2 \$	SHORT CODE3 ¢	DATE 🗢 🛛	MARKE SHORT CODE1	SHORT COL	DE2 SHORT CODE 3		
	123	22222222	123	2017-11-08 21:58:07					
	3558	70083288		2017-10-31 17:15:11	MARKET TYPE CHOOSE	DEA Indicato	ORDER DATE		
	-2015817804	485581952	1892387774	2017-10-30 08:21:37		•	 From 	- To	
	908618832	-828116192	-598368486	2017-10-30 08:21:37	ORDER ID	ISIN CODE	STATUS CHOOSE	USER	
	1348968654	-343877886	1721017722	2017-10-30 00:21:37	_	_			
	-2040852342	1843125174	-90573516	2017-10-30 08:21:37	CLEAR ITEMS	×		RUN	2
	-936603558	-2070083268	-1526969982	2017-10-30 08:21:37	Luxembourg	2018-04-14	212343120	NLENKD468654	т
	-862414542	-939159540	-1424140740	2017-10-30 08:20:20	Euronext	2015-08-23	1463004774	NLENXD484422	е.
	382086540	-84544020	-945975492	2017-10-30 08:20:20	Euronext	2015-09-23	1004238774	NLENKD468761	т
	1409087000	-450442874	-48760272	2017-10-30 08:20:20	Euronext	2018-01-12	1539028854	NLENKD484547	E.
	526401216	91163358	1428335172	2017-10-30 08:20:20	Euronext	2018-02-10	1180077228	NLENXD469249	я.
	-1674364824	-239803542	-1952901324	2017-10-30 08:20:20	Euronext	2016-02-23	104598648	NLENKD468043	т
	-1765003878	988902882	1939203882	2017-10-26 17:39:50	Luxembourg	2018-08-19	105254028	EUNL00082053	Е.
	-1088127414	-1310432310	-1458744804	2017-10-26 17:39:50	Luxembourg	2016-02-27	1138722750	EUNL00082251	т
	-35652672	127602488	-298132362	2017-10-26 17:39:50	Luxembourg	2018-05-24	1068138324	NLENX0464794	

11.5 **INSERT A NEW ORDER ID FROM THE SATURN WEB APPLICATION**

It is possible to submit a new ORDER ID via the Saturn GUI by entering all its details manually. Users should nevertheless use this option as a back-up due to the number of data that must be entered. To manually submit an ORDER ID, do the following:

Click on **"Insert Code"** icon from the contextual menu in the right part of screen.

The new ORDER ID overlay is displayed:

Market Type CHOOSE	Dea Indicator CHOOSE
Short Code1	Short Code2
Short Code3	Order Id Code
Isin Code	Order Date YYYY-MM-DD

Fill all fields with expected data and click on the "**INSERT**" button. The new ORDER ID line will appear in the transactions status report.

12. OTC TRADE FACILITY

12.1 ADD A OTC TRADE FACILITY PROFILE

To access to the OTC Cleared facility in Saturn it is required to create a new profile in Saturn.

• The first step is to go to Profiles Management (from an administrator profile) at the top right

NEW USER A MEW BU ME PRITER E CONStruction C	EURONEXT SATURN prod		🔠 PROFILES MANAGEMENT 🔦 REGULATORS 🕸
T 1 PARTICIPANTS	NEW USER 🔈 MEW BU	FILTER	dieblache
★		A C 2 X	

Thereafter, click on New Profile

EURONEXT SATURN prod	👹 USERS MANAGEMENT	٠
	$\mathbb{Q}_{\mathbb{S}^{n}}^{\mathbb{S}^{n}} \ \text{dieblache}$	•
19 PROFILES	027	

And then check the boxes related to OTC Cleared Facility

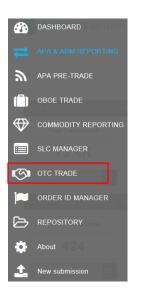
Dashboard ARM				
Upload ARM Trades				
Dashboard ARM Trades				
Dashboard Commodities				
Upload Commodities				
Orderld manager				
Upload Orderld				
OTC matching	~	~		
Upload OTC Matching	V		V	
Profile Management				
Referencial manager				

Users can now manually input OTC Cleared trades from the **OTC Trade** option in the Dashboard of the Saturn User Interface.

12.2 **OTC CLEARED – EXAMPLE**

• Go to OTC Trade in the Saturn main menu

Euronext Global Reporting solution - Saturn User Interface



Click on Insert OTC Transaction

EURON	EXT SATURN peua					🔊 отс тя	
TRANSACTIO	DNS					FILTER	:
STATUS 🖨	TRANSACTION REFERENCE NUMBER \$	TRADING DATE TIME 🗢	OWNERSHIP	SIDE 🗢	SECURITY ID	PRICE	
STATUS 🕈	TRANSACTION REFERENCE NUMBER	TRADING DATE TIME 2018-07-18 14:08:39		SIDE \$	SECURITY ID FR0000133308	PRICE 35.45	
			ownership				
5	1531915597940000	2018-07-18 14:08:39	Ö	C	FR0000133308	35.45	EUR
© ⊘	1531915597940000 091234599	2018-07-18 14:08:39 2018-03-19 11:22:22	Ö	G	FR0000133308	35.45 35.45	EUR EUR

Complete the fields

Instrument Id	Side CROSS
FR0000133308	▼
Price	Quantity
14.200	94449
Price Currency	Entering Counterpart
EUR	
Settlement Period	Memo Text
2	
Guarantee Flag	
CLEARED AND GUARANTEED BY A CLEARING F	IOUSE 🗸

Euronext Global Reporting solution – Saturn User Interface

Account Number 1903	Account Type CLIENT	
Client Id Test	Clearing Firm Id	
Clearing Mode CHOOSE	•	
Seller Details		-
Account Number	Account Type HOUSE	,
Client Id	Clearing Firm Id	
Clearing Mode MANUAL	•	

Once you have completed all the fields, click on Insert

• In the case of you have an error: **tick the box** and click on **Edit Selected Transaction**

URONEXT	SATURN peua								С С СС	TRADE
									<u>å</u>	
NSACTIONS									FILTER	
STATUS 🗢 TRA	NSACTION REFERENCE NUMBER +	TRADING DATE TIME \$	OWNERSHIP	SIDE ¢	SECURITY ID	PRICE	CURRENCY	QUANTITY	GUARANTEE FLAG	ENTERI
STATUS O TRA	ISACTION REFERENCE NUMBER +	TRADING DATE TIME \$	OWNERSHIP	SIDE \$	SECURITY ID FR0000133308	PRICE	CURRENCY	QUANTITY 94449	GUARANTEE FLAG: Cleared and Guaranteed by a Clearing House	ENTER
() Transaction	1531916844142000 reference number [153191964	2019-07-18 15:14:04 44142000]			THE R. LEWIS CO.	6002				ENTER
() Transaction	1531919844142000	2019-07-18 15:14:04 44142000]		G	FR0000133308	14.2	EUR	94449	Cleared and Guaranteed by a Clearing House	ENTER
() Transaction	reference number [153191964 NGCQUINTERPART][1015] Entering Counterpart s	2018-07-18 15:14:04 44142000] whould be empty		0	FR0000133308 FR0000133308	14.2 35.45	EUR	94449	Dieared and Guaranteed by a Clearing House Dieared and Guaranteed by a Clearing House	ENTERS

And finally when you have the status **Matched**, your transaction as done.

EURONEX	T SATURN peua								с С	TRADE 🗘
RANSACTIONS	1								FILTER	
STATUS 🗣 T	TRANSACTION REFERENCE NUMBER	TRADING DATE TIME	OWNERSHIP	SIDE 🔮	SECURITY ID	PRICE	CURRENCY	QUANTITY	GUARANTEE FLAG	ENTERING
	RANSACTION REFERENCE NUMBER •	TRADING DATE TIME \$ 2018-07-18 18:02:83	ownership	SIDE +	SECURITY ID FR0000133308	PRICE	CURRENCY	QUANTITY 94449	GUARANTEE FLAG Cleared and Guaranteed by a Clearing House	ENTERING
5										ENTERING
9	1531919644142000	2018-07-18 16:02:63	0	Θ	FR0000133308	34.2	EUR	94449	Cleared and Guaranteed by a Clearing House	ENTERING
() ()	1531919544142000 1531916547940000	2018-07-18 16:02:53 2018-07-18 14:08:39	0	0 0	FR0000133308 FR0000133308	14.2 25.48	EUR	04440 04440	Cleared and Guaranteed by a Clearing House	ENTERING

<u>Name</u>	Description
Instrument ID	Code used to identify the financial instrument. This code has to be processed with the MiFID Instrument ID Type
Price	Price of an instrument in a Saturn declaration
Price currency	Currency in which the price is expressed
Settlement Period	This field indicates the settlement delay in trading days, from 0 to 30 days
Guarantee Flag	This field indicates if the trade is guaranteed or not (for clearing purposes)
Side	Transaction side
Quantity	Total transaction quantity
Entering Counterpart	Code used to identify the entity executing the transaction
Memo Text	
Account Number	This field indicates the account type for which the transaction is entered.
Client ID	Client ID
Account Type	This field indicates the account type for which the transaction is entered
Clearing Firm ID	Clearing firm Identification.