



## The Eurex/KRX Link

### Member Readiness Guide

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**Abstract**

This document has been prepared for all Eurex Members that would like to participate in the Eurex/KRX Link by trading and/or clearing daily futures on KOSPI 200 Options (OKS2), daily futures on KOSPI 200 Weekly Options (OKW1, OKW3, OKW4, OKW5), daily futures on Mini-KOSPI 200 Futures (FMK2), daily futures on KOSPI 200 Futures (FBK2) and daily USD/KRW Futures Contracts on US Dollar Futures of the Korea Exchange (FCUW). It provides an overview on the Eurex/KRX Link and on the steps that member firms need to take for getting ready to participate.

**Keywords**

Eurex, Eurex Clearing, Eurex KOSPI Products, Eurex/KRX Link, FMK2, KRX, Link, Mini KOSPI, OKS2, KOSPI 200, Member Readiness, Prisma, SUPA margin, FBK2, FCUW, OKW1, OKW3, OKW4, OKW5, Weekly option

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## Glossary

CET	Central European Time
CM	Clearing Member
CRE	Common Report Engine
EOD	End-of-day
ETI	Eurex Enhanced Trading Interface
GCM	General Clearing Member
GUI	Graphical User Interface
FBK2	Eurex Product ID: daily futures on KOSPI 200 Futures
FMK2	Eurex Product ID: daily futures on Mini KOSPI 200 Futures
FCUW	Eurex Product ID: daily USD/KRW Futures Contracts on US Dollar Futures of the Korea Exchange
ISV	Independent Software Vendor
KOSPI	Korea Composite Stock Price Index, index of all common stocks traded on the Stock Market Division. The KOSPI 200 index consists of 200 big companies of the Stock Market Division and is the underlying for the equity index options and futures at KRX.
KRW	South Korean Won
KRX	Korea Exchange
KST	Korean Standard Time
OKS2	Eurex Product ID: daily futures on KOSPI 200 Options
OKW1	Eurex Product ID: daily futures on KOSPI 200 Weekly Options Week 1
OKW3	Eurex Product ID: daily futures on KOSPI 200 Weekly Options Week 3
OKW4	Eurex Product ID: daily futures on KOSPI 200 Weekly Options Week 4
OKW5	Eurex Product ID: daily futures on KOSPI 200 Weekly Options Week 5
Prisma	Portfolio risk margining methodology of Eurex Clearing AG
TES	Trade Entry Services
SUPA	Supplementary Asia margin in Prisma

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## 1 Introduction

### 1.1 Documentation

Eurex first announced the Eurex/KRX Link in 2010 in connection with Eurex Release 12.0. Therefore, the basic technical descriptions were published in the documentation for Release 12.0. Eurex Circular 128/2010, which announced the launch of the daily futures on KOSPI 200 Options, contains much of the relevant information, forms, and rule changes. Due to the migration of the products on the Eurex/KRX Link onto Eurex' new trading system T7 in May 2013 and the Clearing System C7 Release 3.0 in May 2016, a considerable number of technical details was updated. The addition of daily futures on Mini KOSPI 200 Futures was announced and described in Eurex Circular 092/2016 of 10 October 2016. The change of contract multiplier was described in Eurex Circular 021/2017 of 03 March 2017.

The addition of daily futures on KOSPI 200 Futures was announced and described in Eurex Circular 013/2021 and Eurex Clearing Circular 008/2021 of 9 February 2021. The launch of daily USD/KRW Futures Contracts was introduced in Eurex Circular 050/2021 and Eurex Clearing Circular 046/2021 of 8 June 2021. As of 28<sup>th</sup> March 2022, daily futures on KOSPI 200 Weekly Options were launched in Eurex Circular 006/22 as well as Eurex Clearing Circular 001/2022.

### 1.2 Eurex/KRX Link – Functional overview

KOSPI 200 Options are one of the most heavily traded options contracts worldwide. KRX and Eurex have offered after-hours trading of KOSPI 200 Options at Eurex since August 2010 by listing on Eurex a daily expiring futures contract with a specific operational setup and a specific clearing and payment infrastructure ("the Eurex/KRX Link"). Eurex and KRX added daily futures on Mini-KOSPI 200 Futures in November 2016, and introduced daily futures on KOSPI 200 Futures and daily USD/KRW Futures to the Eurex/KRX Link in 2021. Daily futures on KOSPI 200 Weekly Options were added to the Eurex/KRX link product offering in March 2022.

All Eurex/KRX Link Products are denominated in South Korean Won (KRW); they are listed with equivalent series to their respective underlying and settle into the same pool of open interest at KRX.

The Eurex/KRX Link extends the trading hours for of these contracts into the Korean after-hours, covering the European and North American time zones. At the same time, it makes it easier for international investors to access this market, as the Eurex/KRX Link Products trade on Eurex with Eurex rules and trading functionalities.

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At the end of each Eurex trading day, the position at Eurex is netted on a financial beneficiary basis and transferred from Eurex Clearing to KRX. This means that participating in the Eurex/KRX Link necessitates establishing a position at KRX. For this purpose, all participating Eurex Members need to have a business relationship with at least one KRX Member.





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**Settlement of Products on the Eurex/KRX Link**

The settlement of the daily expiring futures contracts occurs in two components:

- a) Variation margin (traded price – settlement price) in Korean Won. Payment is made on T+1 by 07:00 CET or 08:00<sup>1</sup> CEST.
- b) Physical delivery by establishing a position in KOSPI 200 Derivatives and/or US Dollar Futures at KRX. Based on the information on net positions that are transferred by Eurex to KRX, KRX enters these positions at T+1 market opening using its block trade functionality.

The daily (and also final) settlement prices of the Eurex/KRX Link Products are equal to the daily settlement prices (base price) of the respective series of KOSPI 200 Derivatives and/or US Dollar Futures at KRX in its previous trading session. By this method, Eurex and KRX can ensure that the settlement prices of Eurex Clearing lie within the range of the quotation price limits of respective KOSPI 200 Derivatives and/or US Dollar Futures on KRX. Only in case of extraordinary circumstances, especially if the trading is interrupted due to technical problems or if a price determination for the Eurex/KRX Link Products is not possible for other reasons, Eurex Clearing may determine the final settlement price in another way.

**Default Procedure**

In the event that delivery of the Eurex/KRX Link Products into a KOSPI 200 Derivatives and/or US Dollar Futures position at KRX does not take place by 08:20 KST (00:20 CET/01:20 CEST), Eurex Clearing's default procedures will apply as described in the Eurex Clearing Conditions (Chapter II, Section 2.15 "Clearing of Eurex Daily Futures Contracts on KOSPI 200 Derivatives of the Korea Exchange(KRX)" and Section 2.28 "Clearing of Eurex Daily USD/KRW Futures Contracts on US Dollar Futures of the Korea Exchange (KRX)"). For example, such a situation could arise if a KRX Member has to reject a certain position on the grounds of insufficient collateral from the beneficial owner.

KRX will transfer any rejected positions to the account of Eurex Clearing with a KRX Member that is designated as liquidation broker. Eurex Clearing will have instructions with this KRX Member to liquidate the relevant position on the KRX market. Eurex Clearing may have recourse to a CM as described in the Eurex Clearing Conditions.

**Margining of Products on the Eurex/KRX Link**

After the end of the Eurex trading session, a futures-style variation margin is paid or received in Korean Won as the profit or loss of the trading day. Eurex Clearing AG reserves the right to apply intra-day margin in the clearing currency of the GCM based on the overall risk position of the GCM in the Eurex/KRX Link Products. While intraday margining proceeds as normal for KRX Products, the overnight risk will be covered by a SUPA ("Supplementary Asia") margin process

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<sup>1</sup> When there is Daylight Savings Time in Europe

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in Prisma. The margin calculation is performed immediately after trading has closed and positions are final (21:30 CET/21:30 CEST). This margin is booked as Supplementary Margin and held until 02:00 CET/03:00 CEST on the following day. If KRX is closed, Eurex keeps SUPA booked. Eurex Clearing AG reserves the right to keep SUPA margin until a liquidation process of any rejected positions of an Eurex member has been fully completed. The SUPA margin requirement follows the Prisma initial margin logic and will be reported in the CC750 report. The Eurex/KRX Link Product positions are offset in the Prisma liquidation group PAC01 for daily futures on KOSPI 200 Derivatives and PAF01 for daily futures on FX Derivatives. More information on the margin methodology can be obtained from the Eurex Clearing website under <https://www.eurex.com/ec-en/services/margining/eurex-clearing-prisma>.

#### **Margining for resulting positions at KRX**

When positions are transferred to KRX, the corresponding KOSPI 200 Derivatives and/or US Dollar Futures positions at KRX become subject to KRX margining regulations. The KRX Member determines the potential pre-margin requirement on a beneficial owner basis. After the positions are accepted by the KRX Member, they are entered into the KRX system. Funds may need to be deposited with a KRX Member in advance by the customer (Final Beneficiary or Eurex Member) according to the terms of the KRX Member.

KRX Members are encouraged to monitor the Eurex Members' and their clients' pre-margin requirements even during the Eurex trading day and provide information on potential additional margin requirements.

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## 2 How to Participate

In order to trade the Eurex/KRX Link Products, Eurex Members must be able to establish positions in KOSPI 200 Derivatives and/or US Dollar on KRX, i.e., they must have an agreement with a KRX Member on account access to KRX. Eurex requires a validated account relationship with a KRX Member for accessing the Eurex/KRX Link Products, as only a valid account relationship with a KRX Member can enable the Eurex Member to establish the respective position at KRX for its own account or its client.

The relationship is validated as soon as the Eurex Members submit the form “*Application for the activation of trading and clearing of Eurex Daily Futures Contracts on KOSPI Derivatives and/or USD/KRW Futures Contracts; Notice of the commissioning of (further) KRX member(s)*” signed by the participating Members. Eurex will then enter the KRX Member IDs into the trading system for the respective Eurex Member so that the Member can access the Eurex/KRX Link Products. The Eurex Member can add or edit these when needed, by using the same form with the necessary added clarifications.

Eurex Members should take note of the applicable rules of KRX that apply as a prerequisite for participation in trading and clearing of KRX products at KRX, in particular, the requirement to identify the end beneficiaries as set out in Part 1 Subpart 1.14 of the Eurex Contract Specifications and in Section 118-2 para. 2 of the Enforcement Rules of Derivatives Market Business Regulation of KRX.

When entering an order, quote or trade adjustment, Eurex Members must provide the 3-digit KRX Member ID for a validated KRX Member and a (maximum) 9-character identification number for the KRX Final Beneficiary so that the KRX Member can identify the position account in which it shall carry the position at KRX. The identification can be the actual account number that the KRX Member provides, or information that the KRX Member can attribute to the respective account using a patching table. The Eurex system only requires that this field is filled by at least one character, but it does not verify the validity of the beneficiary information.

It is further recommended that the Eurex Member align with the respective KRX Member regarding the confirmation of positions in the KOSPI 200 Derivatives and/or US Dollar Futures on KRX.

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## 2.1 Prerequisites for Eurex Participants to participate in the Eurex/KRX Link

### 2.1.1 Trading Members

Eurex Trading Members need to verify that their respective Clearing Member can clear the Eurex/KRX Link Products (for requirements for CMs, see below).

In addition, the products are only made available to Eurex Members who register by the application form “*Application for the activation of trading and clearing of Eurex Daily Futures Contracts on KOSPI Derivatives and/or USD/KRW Futures Contracts; Notice of the commissioning of (further) KRX member(s)*” (see details below). Please request the forms through your Key Account Manager.

Applies to Simulation (S) and/or Production (P)	Relevant Eurex trading participant <sup>4</sup>		KRX member(s) commissioned by the Eurex trading participant <sup>5</sup>			
	Legal name	Eurex / Eurex Clearing Member ID [5 digits]	Legal name	KRX member ID [3 digits]	As default KRX member? (optional) <sup>6</sup>	Default beneficiary owner [9 digits] (optional, but must be provided if a default KRX member is chosen)
e.g. S/P	ABC firm LLC	ABCFR	ABD firm LLC	123	<input checked="" type="checkbox"/>	1A3B5C789
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	

With this form, Eurex Members provide Eurex with:

- The KRX Member ID and name of the KRX Member(s) with whom they have a relationship.
- Confirmation that an arrangement between the Eurex Member and KRX Member exists, so that the KRX Member will accept the respective position(s) resulting from the Eurex KOSPI Products in the KRX system.
- Confirmation that the Eurex Member is aware of the regulatory requirements in Korea and that they will be adhered to.
- For those Eurex Members which plan to use the “Quotes” and “Short Order Message Layouts”, the form offers fields for providing default values so that T7 can add them to the trade information accordingly when transferring the positions to the clearing system.

The Trade Enrichment Rules of Eurex’s T7 system enables Members to manage the cooperation settlement details in the Eurex/KRX Link Products for these two order formats in a more differentiated way. You will find more information on the default values and the Trade Enrichment Rules process in sections 2.2.2 and 2.2.3 of this document.

In addition to the steps that need to be taken with Eurex, please align with your KRX broker, your Clearing Member and your ISVs to ensure their readiness.

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**2.1.2 Clearing members**

To access the Eurex/KRX Link, Clearing Members need to:

- establish an account at one of the two settlement banks (hereinafter called payment banks), Shinhan Bank or Hong Kong and Shanghai Banking Corporation Seoul Branch in order to be able to settle cash obligations resulting from trading.
- provide power of attorney in favor of Eurex Clearing for all KRW cash transactions resulting from the Eurex/KRX Link Products.
- prepare the SUPA margin for Eurex/KRX Link Products for the case that expired positions in the Eurex/KRX Link Products will be settled into positions on KRX. For more information on the SUPA margin, see section 2.2.6 “Margining of the products on the Eurex/KRX Link” below in this document.

**2.2 Technical implementation**

**2.2.1 Fields for entering KRX Member ID and Final Beneficiary information**

Eurex’s C7 Clearing System carries the clearing-related information for the Eurex/KRX Link Products in the External Member ID and Final Beneficiary fields in Eurex Enhanced Trading Interface (ETI) or Eurex FIX Gateway (Eurex’s different order routing interfaces) – see diagram below:

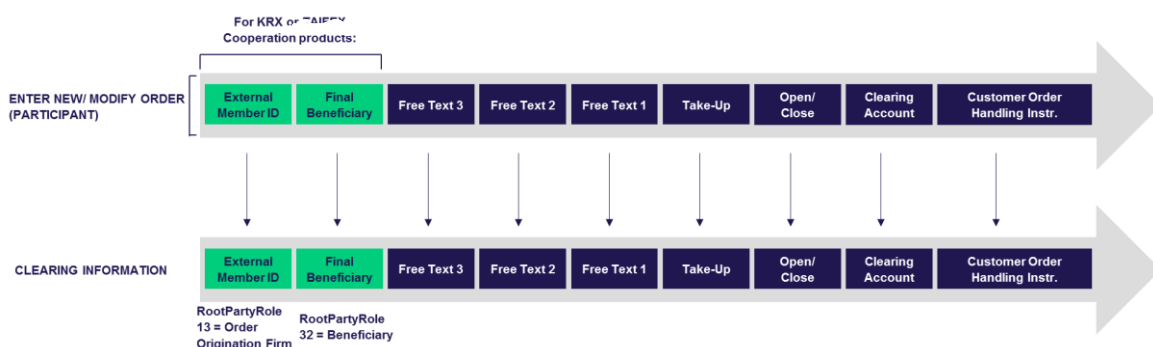
For Eurex/KRX Link Products, the Participant must provide the cooperation details as follows:

- The External Member ID must be validated (allowed) for the entering Participant; and
- The Final Beneficiary field must be specified

The Eurex system verifies whether the KRX Member ID has a valid relationship with the Eurex Member entering the request and at least one character for the identification number is entered. If the KRX Member ID submitted is:

- Valid and at least one character for the identification number is entered, the request will be accepted.
- Invalid, or an identification number is not entered, the request will be rejected. The Eurex Member will, however, be able to re-enter the required information.

Eurex’s trading system T7 transfers trades from orderbook trading and Trade Entry Services with the information from both fields to the clearing system. Exchange members are able to edit the information and perform position management, Give-ups, etc. there.



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In T7, the field names for the settlement related information depend on the interface.

Overview:

Interface	Transaction, request	Fields (ID)
Eurex ETI	Order add, modify  (Trade notification)	PartyIDOrderOriginationFirm (20013) PartyIDBeneficiary (20032) RootPartyIDOrderOriginationFirm (20413) RootPartyIDBeneficiary (20432)
Eurex FIX Gateway - FIX 4.4	Order add, modify (and trades)	Order Originating Firm = 13 Beneficiary = 32
Eurex FIX Gateway - FIX 4.2	Order add, modify (and trades)	PartyIDOrderOriginationFirm (20013) PartyIDBeneficiary (20032)
Eurex Trader GUI	Order add, modify (and trades)	OrigFirm Benefic

In Eurex' Trader GUI, the field names are 'OrigFirm' for the KRX Broker ID and 'Benefic' for the Final Beneficiary identification. These fields are not shown for any other products but become visible and mandatory when submitting orders in the Eurex/KRX Link Products.

For background information and a complete description of the co-operation fields, please see the relevant chapter on trading fields in the most recent T7 Release description. The relevant documentation is available on the Eurex website [www.eurex.com](http://www.eurex.com) under the path Eurex › Support › Technology › T7.

### 2.2.2 Provision of settlement information via default values

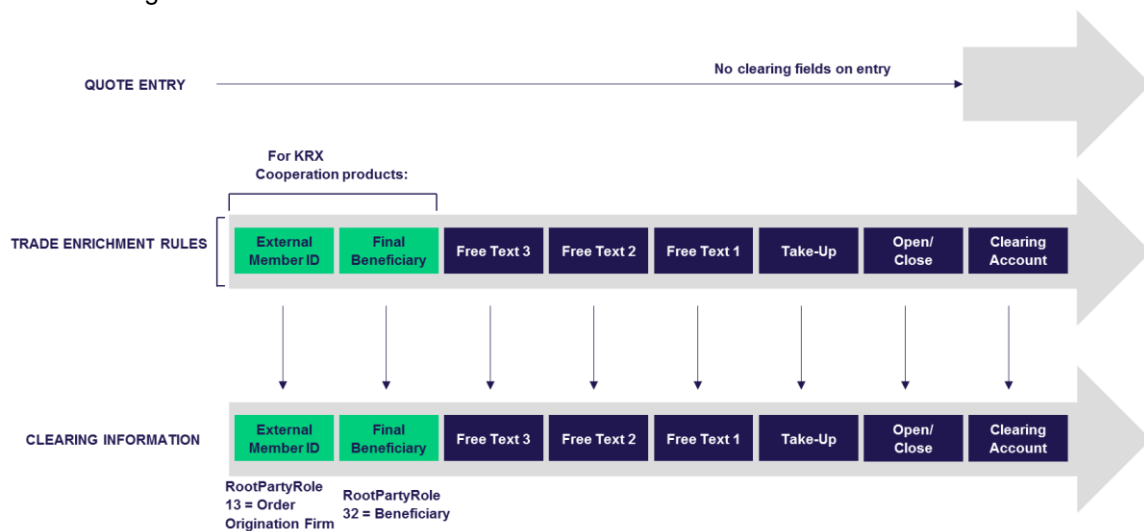
It is possible to enter the KRX Member ID and Final Beneficiary information along with orders in the regular order formats "Lean Orders" or "Standard Orders". However, the two fields are not available in the formats "Quotes" and "Lean Orders with Short Message Layouts"

In order to use the order formats "Quotes" and "Lean Orders with Short Message Layouts" for the Eurex KOSPI Products, it is possible with Trade Enrichment Rules (see Section 2.2.3). The default values will only be used by the trading system for "Quotes" and "Lean Orders with Short Message Layouts". The form "*Application for the activation of trading and clearing of Eurex Daily Futures Contracts on KOSPI Derivatives and/or USD/KRW Futures Contracts; Notice of the commissioning of (further) KRX member(s)*" contains two fields to select a default KRX Member ID and to indicate a default Final Beneficiary for this KRX Member. These default values will only be used by the trading system for Quotes and "Short Order Message Layouts" (also Lean Orders).

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Eurex Members who have not provided these default values will not be able to use “Quotes” and “Lean Orders with Short Message Layouts” in the Eurex KOSPI Products. If the Participant does provide default values along with the form, both Default KRX Member ID and Default Beneficiary Owner must be provided in addition. **2.2.3 Provision of settlement information through Trade Enrichment Rules for the usage of Quotes and Lean Orders with Short Message Layout** In addition to using default values, Participants who use Quotes and Lean Orders with Short Message Layouts for the Eurex/KRX Link Products can also manage the entry of settlement information in a more differentiated way via the Trade Enrichment Rules functionality of Eurex’s T7 system. Participants can setup multiple Trade Enrichment Rules and register multiple KRX Member ID and Beneficiary Owner but Default KRX Member ID and Default Beneficiary Owner will be use if Trade Enrichment Rule is not used. If no Default values are registered, participant will not be able to use Quotes and Lean Orders with Short Message Layout or even send any stand-ard/lean orders for KOSPI Products.

The diagram below shows how an executed quote /order entered using the short layout is enriched using the Trade Enrichment Rules:



Trade Enrichment Rules cover the Eurex/KRX Link clearing details along with other details related to the trade. Using the Eurex Admin GUI, Participants are able to define Trade Enrichment Rules as a simple index table. On transaction entry, they can specify the exact trade enrichment rule to be used at the time of execution. Each enrichment rule will be identified by an integer identifier set by the participant.

When the order/quote is executed, Eurex Exchange’s T7 will use the Trade Enrichment Rule ID supplied by the participant to look up the rule and then apply the corresponding clearing fields to the trade information that goes to the clearing system and back to the participant.

For further details regarding the activation of Trade Enrichment Rules, please refer to the documentation “Eurex Trader and Admin GUI Manual” on our website at [Eurex > Support > Initiatives & Releases > T7 Release 9.1 > GUI Solutions](#).

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As a prerequisite for the application of Trade Enrichment Rules to the Eurex/KRX Link Products, Participants must use the form to provide a default KRX Member ID and Final Beneficiary account for the event that a valid Trade Enrichment Rule for the product is not supplied.

#### **2.2.4 Usage of T7 Entry Services for Products on the Eurex/KRX Link**

The following T7 Entry Services are available for off-book trades in the Eurex/KRX Link Products:

- Block Trades
- Multilateral Trade and Brokerage Functionality
- Complex Instruments (strategy trading)

For minimum block trade sizes, please consult the current product specifications published on Eurex website ([www.eurex.com/ex-en/](http://www.eurex.com/ex-en/)) under the path Eurex > Markets > Equity Index > Eurex KOSPI Products and Eurex > Markets > FX > USDKRW Futures

#### **2.2.5 Product Assignment**

Once a Eurex Member is registered, the product will be set up for the Eurex Trading Member and respective Clearing Member by Eurex. Eurex Members can set up and assign the Eurex/KRX Link Products in the same way as all other Eurex Products.

Eurex Members can assign product on trader level and set up respective transaction size limits on product level using the *User maintenance* functions of the Eurex Admin GUI. For further details regarding product assignment, please refer to the documentation “Eurex Trader and Admin GUI Manual” on Eurex website ([www.eurex.com/ex-en/](http://www.eurex.com/ex-en/)) under Eurex > Support > Initiatives & Releases > T7 Release 9.1 > GUI Solutions.

#### **2.2.6 Margining of Products on the Eurex/KRX Link - SUPA margin (Supplementary Asia)**

The overnight risk for the CCP until the establishment of the positions on the next day at KRX is addressed by the SUPA margin process in Eurex Clearing AG’s margining system Prisma. The SUPA margin calculation is performed in clearing currency immediately after trading has closed and positions are final (21:30 CET), i.e., it is applied towards the general margin at around 22:00 CET. This margin is booked as Supplementary Margin and held on the following day until 02:00 CET/03:00 CEST or the time at which EUREX Clearing AG has received confirmation from the designated liquidation broker that no positions have been rejected, whatever occurs later. If KRX is closed, Eurex keeps SUPA booked. The SUPA margin ensures that the overnight risk is fully covered and that the EOD margin requirements are daily updated based on most recent positions. Eurex Clearing AG will keep appropriate SUPA margin until a liquidation process of any rejected positions of an Eurex member has been fully completed. The SUPA margin will be reported in the CC750 report. KRX positions are offset in the Prisma liquidation group PAC01 for daily futures on KOSPI Derivatives and PAF01 for daily futures on FX Derivatives.



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Eurex Clearing Members can download more detailed information about Prisma from the Member Section under the link <https://membersection.deutsche-boerse.com/>.

### **2.2.7 Transaction fees**

Whereas most Eurex Products have fixed transaction fees per contract, the fees for transactions in Eurex Daily Futures Contracts on KOSPI 200 Options and on KOSPI 200 Weekly Options are defined as a percentage of the premium per contract, i.e. the Price List shows a percentage to be multiplied by the traded price times the contract value of 250,000 KRW.

Likewise, the fees for transactions in Eurex Daily Futures on KOSPI 200 Futures and Mini KOSPI 200 Futures are defined as a percentage of the contract value per contract, i.e. the Price List shows a percentage to be multiplied by the contract value of 250,000 KRW and 50,000 KRW, respectively.

The fees for transactions in Eurex Daily USD/KRW Futures on US Dollar Futures are defined as a percentage of the contract value per contract. To determine the applicable fee, the following percentage is multiplied (i) by the traded price and (ii) by 10,000 (as the contract value).

Further details are available on the Eurex website ([www.eurex.com/ex-en/](http://www.eurex.com/ex-en/)) under Eurex › Rules & Regs › Eurex Rules & Regulations › Price List.

### **2.2.8 Reports**

One report has particular relevance to the Eurex/KRX Link:

RPTCB741 “KRX Position Information” (displays acceptance/rejection of settlement information into the KRX system to establish the respective position in the KOSPI 200 Derivatives and/or US Dollar Futures at KRX. This report displays the end-of-day positions in Eurex/KRX Link Products sorted by Eurex Member, Final Beneficiary, contract, trade side and KRX Member. This report is generated on a daily basis and is available to Eurex Members.)

Further reports of relevance to participants in the Eurex/KRX Link include:

RPTCC750 “Daily Margin” (deals with the daily margin requirements or margin credit for each Exchange Member)

RPTCD710 “Daily Cash Account CM” (details balances and transaction amounts of the cash account).

RPTCB790 “Premium Information” (contains premium requirement/credit for the current business day for all exchange members, registered customers and Clearing Members)

Eurex Members can obtain all relevant Eurex reports from the Eurex Common Report Engine. A User Guide for the Common Report Engine as well as the most recent XML Report Reference Manual are available on the Eurex Clearing website ([www.eurex.com/ec-en/](http://www.eurex.com/ec-en/)) under Eurex Clearing > Support > Technology > Eurex Clearing's C7.

## 2.3 Settlement account for KRW payments

As the Eurex/KRX Link Products are denominated in KRW, cash payments (i.e. variation margins and fees) are settled in KRW. Eurex Clearing, as the central counterparty, processes the payments in KRW resulting from variation margins (the difference between trade price and settlement price) as well as fees. While the daily futures on KOSPI 200 Options (OKS2) and the daily futures on KOSPI 200 Weekly Options (OKW1, OKW3 OKW4, OKW5) are set up as options contract in the system, the variation margin process is the same for FBK2, FMK2 and FCUW due to futures-style margin.

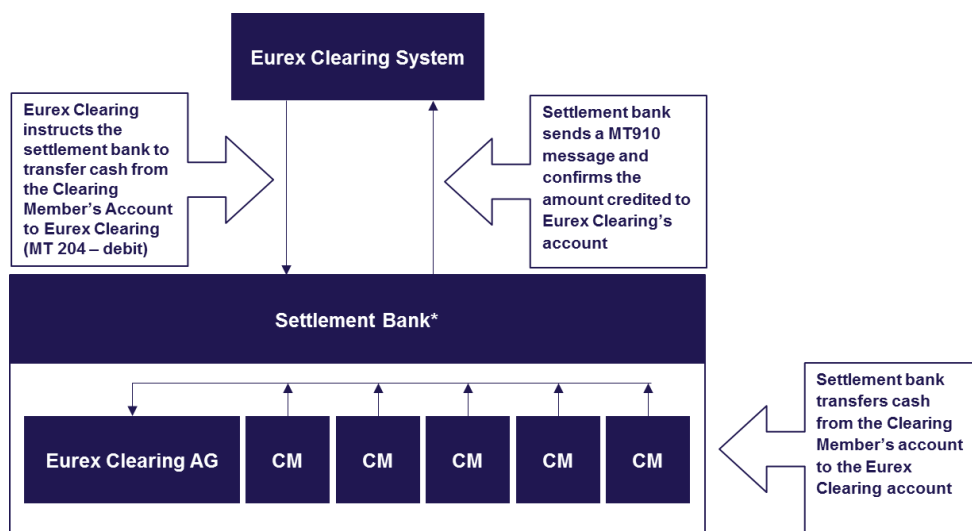
### 2.3.1 Payment flows and instructions

The payment flows in KRW involving the payment banks are bundled into two payments per day; the debit payments and the credit payments (seen from a Eurex Clearing Member's point of view).

#### 2.3.1.1 Debit payments

The payment instructions are initiated by Eurex Clearing via the SWIFT network with message type MT204 for the respective Clearing Member to the designated payment bank. After receipt at the payment bank, the message is processed accordingly and a credit to Eurex Clearing's account at the designated payment bank is issued.

Eurex Clearing also receives a confirmation of the credited amounts with the message type MT910 sent by the payment bank.

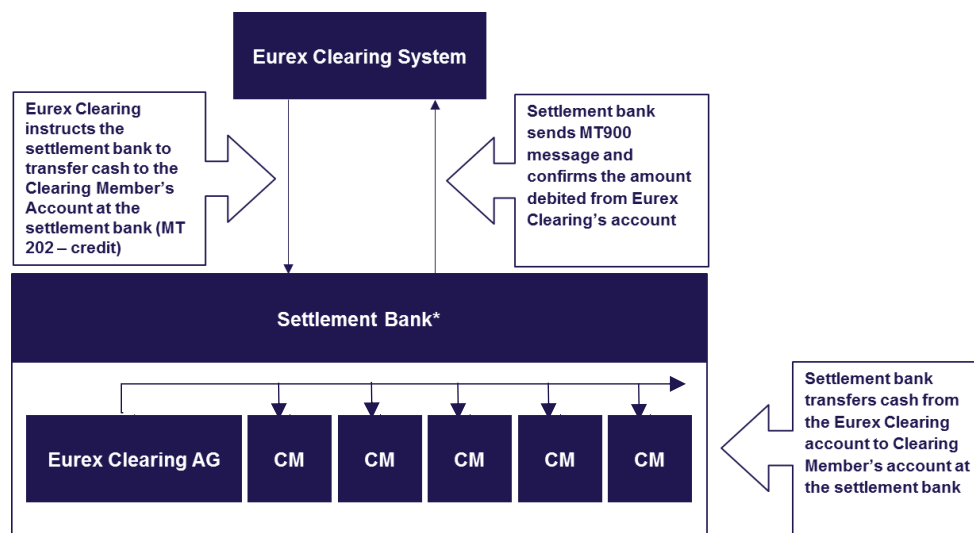


### 2.3.1.2 Credit payments

If a Clearing Member is to receive money, Eurex Clearing initiates a payment instruction via the SWIFT network with message type MT202 from Eurex Clearing's account held at the payment bank in favor of the respective Clearing Member's account at the designated payment bank.

All credit payments are released after all incoming payments resulting from the Clearing Member's obligations have been finalized.

Eurex Clearing receives confirmation of the debited amounts with the message type MT900 sent by the payment bank.



### 2.3.1.3 Instruction fees

Eurex Clearing only bears SWIFT fees for the MT204 and MT202 SWIFT instructions submitted by Eurex Clearing. Eurex Clearing does not bear any fees/fines or other charges, e.g. for messages between a Clearing Member and the payment bank or fines for an uncovered Clearing Member's account.

### 2.3.1.4 Timelines

In general, Eurex Clearing first instructs all debit payments via MT204. After Eurex Clearing has received all funds from these payments on the account at the payment bank, all credit payments are instructed via MT202 messages.

The timeline for payments for variation margins and fees is as follows:

- Debit instructions are sent by 02:00 CET.

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- Debit instructions due on Eurex Clearing's account with the payment bank are completed by 15:00 KST (07:00/08:00<sup>2</sup> CET).
- Credit instructions are made by 16:00 KST (08:00/9:00<sup>2</sup> CET).

## 2.4 Simulation Access

The Eurex/KRX Link Products are available in the Eurex Simulation Environment and can be tested for trading. Please note that the set-up processes described in section 2 'How to Participate' need to be performed in simulation prior to a Eurex Member being active in Simulation, including the assignment of the Eurex/KRX Link Products for the traders in the Simulation environment. To register the account relationship with a KRX Member for simulation, the same form as for Production can be used to provide Eurex with the KRX Member ID(s) and firm name(s) to be patched (please tick "Simulation" in this case).

In case a Eurex Member is interested in testing the Eurex/KRX Link Products but has not set up a relationship with a KRX Member yet, default KRX Member IDs can be provided in simulation for testing purposes.

In simulation, any alphanumeric combination can be used for the KRX Final Beneficiary. The RPTCB741 "KRX Position Information" can also be retrieved, however acceptance or rejection of positions depends on the response of the KRX Member. If no information is available regarding the status of a position, the report indicates this with 'pending'.

Please note that reports are provided in the Eurex system on the following day after a batch day. For an overview of trading and batch days, please refer to the Eurex simulation calendar published on the Eurex website ([www.eurex.com/ex-en/](http://www.eurex.com/ex-en/)) under Eurex › Support › Initiatives and releases › Simulation calendar. (<https://www.eurex.com/ex-en/support/initiatives/simulation-calendar>)

The SUPA margining process (see above) is not offered in simulation.

It is also possible that Eurex and KRX Members jointly simulate and test the processes of the position transfer of the Eurex/KRX Link. However, KRX does not provide simulation access to all its member firms on a continuous basis. If Eurex and KRX Members want to test the full circle of settlement of Eurex positions into KRX together, the cooperating KRX Member should contact KRX and ask for simulation support well in advance. When KRX participates in the simulation, it will exchange simulation position information with its members and provide Eurex with simulation files to be processed by Eurex.

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<sup>2</sup> During Daylight Saving Time in Europe

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In detail, during EOD processing, Eurex transfers the position information to KRX. KRX transmits the position information to the corresponding KRX Member for acceptance or rejection, and KRX will send the respective data and responses back to Eurex. The simulated acceptance or rejection of positions will then be reflected in the simulation report RPTCB 741 KRX Position Information. It is recommended that the established simulation positions are aligned with the KRX Member separately, e.g., via email.

### 3 Contacts at Eurex

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## 4 Accompanying Documentation

All documents published regarding the cooperation between Eurex and KRX are available online on the Eurex website [www.eurex.com/ex-en/](http://www.eurex.com/ex-en/) and Eurex Clearing website [www.eurex.com/ec-en/](http://www.eurex.com/ec-en/). We strongly recommend downloading all of these documents.

### **General information**

Eurex Exchange website: <http://www.eurex.com/ex-en>  
[Eurex > Markets > Equity Index > Eurex KOSPI Products](#)  
[Eurex > Markets > FX > USDKRW Futures](#)

Eurex Clearing AG website: [www.eurex.com/ec-en/](http://www.eurex.com/ec-en/)  
[Eurex Clearing > Clear > Eurex/KRX Link](#)  
<https://www.eurex.com/ec-en/clear/eurex-krx-link>

### **Eurex circulars**

[Eurex > Find > Circulars & Mailings](#)

### **Eurex Clearing circulars**

[Eurex Clearing > Find > Circulars & Newsflashes](#)

### **Product specifications and current prices and volumes**

[Eurex > Markets > Equity Index > Eurex KOSPI Products](#)  
[Eurex > Markets > FX > USDKRW Futures](#)

### **Transaction fees**

The Price List is downloadable from the Eurex Exchange website:

[Eurex > Rules & Regs > Eurex Rules & Regulations](#)

### **Margining**

Eurex Clearing Members can download more detailed information about Prisma from the Member Section at <https://membersection.deutsche-boerse.com/>.

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### **Clearing Conditions and Default procedure**

Chapter II of the Clearing Conditions of Eurex Clearing AG Transactions Concluded at Eurex Deutschland

Section 2.15 Clearing of Eurex Daily Futures Contracts on KOSPI 200 Derivatives of the Korea Exchange (KRX)

Section 2.28 Clearing of Eurex Daily USD/KRW Futures Contracts on US Dollar of the Korea Exchange (KRX)

### **[Eurex Clearing > Rules & Regs > Rules and Regulations](#)**

**Descriptions of trading and Interfaces, including of Graphical User Interface (GUI) for trading and administration of enrichment rules**

**[Eurex Clearing > Support > Initiatives & releases > C7 Releases >](#)**

### **Eurex Reports**

**[Eurex Clearing > Support > Technology > Eurex Clearing's C7](#)**

### **Simulation Calendar**

**[Eurex > Support > Initiatives & Releases > Simulation Calendar](#)**