



## **Eurex Release 11.0**

### **VALUES API Modification Notes**

### **Final Version**

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## 1 Introduction

This document provides an overview of the enhancements to the Eurex VALUES API that become effective with the introduction of Eurex Release 11.0 as compared to the current version, Eurex Release 10.0.

Differences in comparison to the previous version of this Modification Notes are underlined and marked in italics.

The new VALUES documentation will be published as

**VALUES API Member Front End Development Guide  
Volume 2 - Eurex Application Requests and Responses  
Final Version**

This document will be available on the Eurex website

<http://www.eurexchange.com>

The Documents will be located under the path

Member Section → Releases → Eurex 11.0 → Interfaces → VALUES API.

For the publication dates of the above-mentioned document, please refer to the Eurex Release 11.0 Communication Calendar.

## 2 Backward Compatibility

Eurex Release 11.0 will be a mandatory release. Thus, its current technical application version number (AVN) will be changed to XEUR\_AVN\_110 = 110.

A layout-level backward compatibility will be offered to applications built for Eurex Release 10.0. This means that applications that use `applVersion = XEUR_AVN_100` are expected to send the request layouts used in Eurex Release 10.0 and will still be supplied with Eurex Release 10.0 response layouts.

As usual, new contents of existing fields are not suppressed in the backward compatibility mode. Newly introduced functionality cannot be used in the backward compatibility mode.

In several cases removed functionality cannot be used in the backward compatibility mode. For more details refer the following sections.

## 3 Changes in the VALUES Call Interface

Eurex Release 11.0 will be shipped with the unchanged GATE Release 3.5, which will also be a mandatory release. For this purpose, the installation of the GATE Release 3.5 as well as the Eurex Release 11.0 software kits are required.

## **4 Changes in Application Requests**

In this chapter the changes to existing request, response, subject and broadcast layouts are described per application request. Unless stated otherwise, backwards compatibility is provided for all application requests with a changed layout.

### **4.1 Delete Single Leg Mass Order**

Futures request: The field `ordrResCod` has been removed.

### **4.2 Delete Single Leg Order**

Futures request: The field `ordrResCod` has been removed.

### **4.3 Enter Block Trade**

Futures/options response: The fields `dlyHghPrc` and `dlyLowPrc` have been removed.

### **4.4 Enter Double Leg Order**

Futures request: The field `factsSesId` has been renamed to `etsSesId`.

### **4.5 Enter Flexible Contract Trade Separation**

Response: The order of fields has been rearranged.

### **4.6 Enter Four Eyes Approval**

This VALUES request has been removed from the interface. No backwards compatibility will be provided.

### **4.7 Enter Member Stop/Release**

Request: The usage of the fields `partSubGrpCod` and `partNo` has been changed to optional.  
The fields `partSubGrpCodAppr` and `partNoAppr` have been added.

### **4.8 Enter Single Leg Order**

Futures/options request: The field `factsSesId` has been renamed to `etsSesId`.

Futures request: The field `ordrStopLimPrc` has been removed.

The field `ordrTrgPrc` has been added.

#### **4.9 Enter Specific Equity Collateral**

Request: The fields `csdId` and `csdPldgAcctNo` have been added.

#### **4.10 Enter Strategy Order**

Request: The field `factsSesId` has been renamed to `etsSesId`.

#### **4.11 Inquire BO Information**

Capital adjustment response: The field `prodId2` has been added.

#### **4.12 Inquire Block Trade**

Futures/options response: The fields `dlyHghPrc` and `dlyLowPrc` have been removed.

#### **4.13 Inquire Cash Account**

This VALUES request has been removed from the interface. No backwards compatibility will be provided.

#### **4.14 Inquire Cash Withdrawal**

This VALUES request has been removed from the interface. No backwards compatibility will be provided.

#### **4.15 Inquire CSD Detail**

Response: The fields `csdCldrCod`, `csdCldrCodNew`, `csdDeadlTim` and `csdDeadlTimNew` have been added.

#### **4.16 Inquire Double Leg Inside Market**

Response: The fields `totTrdQty`, `dlyHghPrc`, `dlyLowPrc`, `lstTrdPrc`, `lstTrdQty` and `trdTim` have been added.  
The array size has been changed to 40.

#### **4.17 Inquire Daily Margin**

Response: The field `valUnknownInd` has been added.

No backwards compatibility will be provided for this application request.

#### **4.18 Inquire Exchange Rate**

Response: The field permCshInd has been added.  
The field dcmlShft has been removed.

#### **4.19 Inquire Excess Collateral Detail**

This VALUES request has been removed from the interface. No backwards compatibility will be provided.

#### **4.20 Inquire Guarantee Position**

The entire application request has been reengineered.

#### **4.21 Inquire Historical Position Transactions**

Response: The array size has been changed to 4.  
The field agrsrMtchInd has been added.

#### **4.22 Inquire Member Information**

Response: The fields minCmpyCap, minMgnColl, minClgFun, withStopCmpyCapInd, withStopMgnCollInd, withStopClgFunInd, mliRecCtr, currTypCod and cshLim have been added.  
The fields csdld, csdCustld, mgnAcctNoCsd, clgFunAcctNoCsd, cmpyCapAcctNoCsd, mainAcctNo and nonEurexCurrSetl have been removed.  
The field mliRecCtr has been removed.

No backwards compatibility will be provided for this application request.

#### **4.23 Inquire Member List**

Response: Changed array size to 37.

#### **4.24 Inquire Position Detail**

Futures/options response: Changed array size to 7.

#### **4.25 Inquire Own Double Leg Order**

Futures/response: The field factsSesId has been renamed to etsSesId.

#### **4.26 Inquire Own Single Leg Order**

Futures request: The field ordrResCod has been removed.

Futures response: The field ordrStopLimPrc has been removed.

The field ordrTrgPrc has been added.

Futures/options response: The field factsSesId has been renamed to etsSesId.

#### **4.27 Inquire Own Strategy Order**

Response: The field factsSesId has been renamed to etsSesId.

#### **4.28 Inquire Own Trade**

Futures/options response: The field agrsrMtchInd has been added.

#### **4.29 Inquire Product**

Options response: The field volaStratUndrId has been added.

#### **4.30 Inquire Product Group**

Response: The field expTypCod has been added.

#### **4.31 Inquire Product Group Assignment**

Response: The field maxQtyChgAlwdInd has been added.

#### **4.32 Inquire Product Group List**

Response: The field prodGrpComplCod has been added.

#### **4.33 Inquire Security**

*This VALUES request has been removed from the interface. No backwards compatibility will be provided.*

#### **4.34 Inquire Security Detail**

This VALUES request has been removed from the interface. No backwards compatibility will be provided.

#### **4.35 Inquire Security Movement**

The entire application request has been reengineered.

#### **4.36 Inquire Settlement Position**

This VALUES request has been removed from the interface. No backwards compatibility will be provided.

#### **4.37 Inquire Specific Equity Collateral**

Request/Response: The fields csdId and csdPldgAcctNo have been added.

Response: Changed array size to 25.

#### **4.38 Modify Automatic Exercise Parameters**

Request: The field actnCod has been added.

#### **4.39 Modify Cash Withdrawal**

This VALUES request has been removed from the interface. No backwards compatibility will be provided.

#### **4.40 Modify Single Leg Order**

Futures request: The field ordrStopLimPrc has been removed.

The field ordrTrgPrc has been added.

#### **4.41 Subscribe BO Information**

Capital adjustment broadcast: The field prodId2 has been added.

#### **4.42 Subscribe Double Leg Inside Market**

Futures broadcast: The fields totTrdQty, dlyHghPrc, dlyLowPrc, IstTrdPrc, IstTrdQty and trdTim have been added.

#### **4.43 Subscribe Double Leg Matching Event**

Futures broadcast: The field agrsrMtchlnd has been added.

#### **4.44 Subscribe Double Leg Order Confirmation**

Futures broadcast: The field factsSesld has been rename to etsSesld.

#### **4.45 Subscribe Market Supervision Information**

Broadcast: The fields msgShtText, newsDat, newsTim, dateLstUpdDat and actnCod have been added.  
The field msInfo has been removed.

#### **4.46 Subscribe Single Leg Matching Event**

Futures/options broadcast: The field agrsrMtchlnd has been added.

#### **4.47 Subscribe Single Leg Order Confirmation**

Futures broadcast: The field ordrStopLimPrc has been removed.

The field ordrTrgPrc has been added.

Futures/options broadcast: The field factsSesld has been renamed to etsSesld.

#### **4.48 Subscribe Strategy Matching Event**

Broadcast: The field agrsrMtchlnd has been added.

#### **4.49 Subscribe Strategy Order Confirmation**

Broadcast: The field factsSesld has been renamed to etsSesld.

#### **4.50 Subscribe Trade Confirmation**

Futures/options broadcast: The field agrsrMtchlnd has been added.

---

## 5 New Application Requests

This chapter lists all new application requests. For more details about new requests refer the VALUES documentation.

### 5.1 Cash Routing Management Engine

The following VALUES request has been added:

- Inquire Cash Transaction

### 5.2 Event Driven Risk Engine

The following VALUES requests have been added:

- Inquire Margin Requirement Information
- Subscribe Margin Requirement Information

### 5.3 Mass Quotes for Strategy

The following VALUES request has been added:

- Enter Strategy Mass Quote

### 5.4 Real Time Collateral Engine

The following VALUES requests have been added:

- Enter Security Collateral Transaction
- Inquire CSD Account
- Inquire Collateral Security
- Inquire Collateral Status
- Inquire Collateral Transaction
- Inquire Member Permanent Cash
- Modify Collateral Transaction
- Modify Member Permanent Cash
- Subscribe Collateral Transaction

---

## **5.5 Spread Price Feed**

The following VALUES request has been added:

- Inquire All Double Leg Trades

## **5.6 Throttle Limits**

The following VALUES request has been added:

- Inquire Throttle Limits

---

## 6 Changes in Data Fields

In this chapter, the changes in existing data fields (e.g. new and removed valid values) are described.

### 6.1 balAct

Changed length: 30

### 6.2 capAdjTrnTyp

Changed Valid Value: CAP\_ADJ\_TRN\_TYP\_CAP\_ADJ\_OLP = "595"

### 6.3 clgHseTypCod

Added Valid Value: CLG\_HSE\_TYP\_COD\_EEX = "X"

### 6.4 cntrExpYrDat

Removed Valid Value: MASS\_QUOTE\_HOLD\_MSG = "XXXX"

### 6.5 collPrcTypCod

Added Valid Value:  
COLL\_PRC\_TYP\_COD\_PRIO\_1 = "1"  
COLL\_PRC\_TYP\_COD\_PRIO\_2 = "2"  
COLL\_PRC\_TYP\_COD\_PRIO\_3 = "3"  
COLL\_PRC\_TYP\_COD\_PRIO\_4 = "4"

### 6.6 crtSetlTyp

Added Valid Value: SETL\_TYP\_ALT = "A"

### 6.7 crBidQty

Changed limits:  
DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

### 6.8 crAskQty

Changed limits:  
DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

---

## 6.9 csdld

Changed format: Freetext

## 6.10 guarCollAmnt

Changed format: Numeric 9

## 6.11 maxCalSprdQty

Changed limits: DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

## 6.12 maxOrdrQty

Changed limits: DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

## 6.13 ordrBkQty

Changed limits: DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

## 6.14 ordrCnclQty

Changed limits: DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

## 6.15 ordrExeQty

Changed limits: DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

## 6.16 ordrQty

Changed limits: DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

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### 6.17 ordResCod

Added Valid Value:                   ORDR\_RES\_COD\_OCO = "0"

### 6.18 ordRmngQty

Changed limits:                       DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999

### 6.19 ordTrnTypId

Changed Valid Value:                ORDR\_TRN\_TYP\_ID\_STOP\_DEL\_ORDR = "068"  
ORDR\_TRN\_TYP\_ID\_STOP\_DEL\_QUO = "069"

### 6.20 ordTypCod

Added Valid Value:                   ORDR\_TYP\_COD\_MULTI = "E"

### 6.21 prodGrpUsgTyp

Added Valid Value:                   PROD\_GRP\_USG\_TYP\_EXP\_DAT = "E"

### 6.22 setlPrcTrnTyp

Added Valid Value:                   TRN\_SETL\_PRC\_FINAL = "4"

### 6.23 sts

Added Valid Value:                   STS\_COLL\_ENGN\_OPN = "009"  
STS\_COLL\_ENGN\_CLSD = "010"

### 6.24 trdQty

Changed limits:                       DRIV\_MIN\_EXT\_VOLUME\_LIM= -999999  
DRIV\_MAX\_EXT\_VOLUME\_LIM = +999999

### 6.25 userOrdRef

Changed format:                       Freetext