

# **ISO 20022 Data Source Schemes (DSS)**

Updated on 25 July 2017 –

**1. Addition of DSS for CSD Prague in 22F - Indicator.**

# 1- DESCRIPTION

The ISO 20022 Data Source Scheme (DSS) is a mechanism that allows an institution or market organization to specify and use a proprietary code set that is not owned nor managed by ISO 20022, and that replaces a standard code set (either a specific ISO 20022 managed code set or another ISO standard code set, e.g. BICs or ISINs) in specific Message Components where the use of DSSs has been approved.

This document describes the DSS concept and registration process and list the DSSs already defined for use in ISO 20022 messages.

The DSS mechanism was first introduced in ISO 15022 – Securities – Scheme for messages.

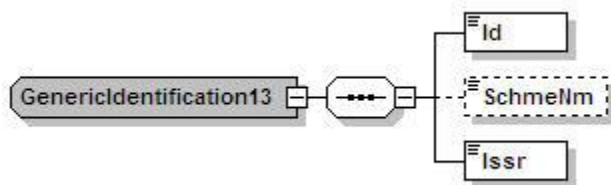
The ISO 20022 DSS consists of the following parts:

- a mandatory 'data source issuer' that identifies the institution or organization issuing the proprietary code set (known as the 'data source issuer code' in the ISO 15022 DSS).
- an optional 'data source scheme name' that identifies the code set in case a single data source issuer issues more than one code set for the same business purpose, e.g., two code schemes for identification of parties (known as the 'data source issuer sub-code' in the ISO 15022 DSS).
- the actual code value.

The below table compares the DSS concepts in ISO 15022 and ISO 20022:

ISO 15022 concepts	ISO 20022 concepts
Context is specified by the generic field Example: Field 95R - Party	Context is specified by the lowest MessageComponent Example: GenericIdentification20 used for Proprietary Reason codes
Data source issuer code	Data source issuer
Data source issuer sub-code	Data source scheme name
Data Field that contains the code value	A separate MessageElement that contains the code value

Example of ISO 20022 DSS:



```

<Pty1>
  <Id>
<PrtryId>
  <Id>12345678</Id>
  <Issr>DAKV</Issr>
  
```

```
</PrtryId>  
</Id>  
</Pty1>
```

## 2- Registration Process

### **The approval of an ISO 20022 DSS requires agreement at two levels:**

The Message Definition must include the possibility to use a DSS by including the appropriate structure in the required place. This is agreed by the SEG at the time the Message Definition is approved (initial submission or maintenance).

Specific code sets must be registered for use in the specific places where it has been agreed that a DSS can be used. This registration may be obtained at the time the Message Definition is approved or later - sometimes much later - namely any moment after the Message Definition has been approved.

### **Approval of the possibility to use DSSs in a new Message Definition**

When a submitting organization is convinced of the need for a Data Source Scheme (existing or new DSS) in a specific context, it will include the appropriate structure in the candidate ISO 20022 messages. During the message evaluation, the assigned SEG will verify the business case to accept use of non-standard code sets. Similarly, if the need arises later to introduce the possibility to use a DSS in an existing message, a change request to update the structure of the Message Definition will be submitted to the relevant SEG for approval.

### **Registration of (additional) DSSs for use in existing Message Definitions**

The RA maintains the list of all ISO 20022 Data Source Schemes as well as the specific Message Components in which they can be used.

If an institution or market organization requires the use of a new proprietary code set, it will send a request for registration of a new DSS to the RA, using the specific [DSS template](#). The RA will validate the request, assign a new DSS (issuer and scheme name(s)), inform the requestor and publish the new DSS information in an updated version of this document.

In case of conflict, the final decision will be taken by the RMG.

The list of current ISO 20022 DSSs is published below and gives the following information:

- which ISO 20022 Message Components support which DSSs
- the data source issuer information: description, country of issuer
- the data source scheme name(s), if any.

### 3- LIST OF DATA SOURCE SCHEMES

Requests for additional Data Source Schemes or use of existing Data Source Schemes in new Message Components must be submitted to the ISO 20022 Registration Authority using the official template for [Request for ISO 20022 Data Source Scheme Registration'](http://www.iso20022.org) (www.iso20022.org).

In case of questions, please contact the ISO 20022 Registration Authority at [iso20022ra@iso20022.org](mailto:iso20022ra@iso20022.org)

- GenericIdentification used for Financial Instrument / Classification Type / Alternate Identification

Country of Issuer	Issuer	Scheme Name	Description
Global	SMPG		Securities Market Practice Group
US	ISIT		ISITC
	DTCY		Depository Trust & Clearing Corp
ZA	STRA		Strate Limited

- GenericIdentification used for Financial Instrument / Long Number Identification (coupon, pool, lot...)

Country of Issuer	Issuer	Scheme Name	Description
CH	XSWX		Swiss Exchange
Global	SMPG		Securities Market Practice Group
GB	XVTX		Virt-x
ZA	STRA		Strate Limited

- GenericIdentification used for Proprietary Indicator codes (e.g., settlement parameters)

Country of Issuer	Issuer	Scheme Name	Description
AU	XASX		Australian Stock Exchange
BE	ECLR		Euroclear Bank
	NBBE		National Bank of Belgium
BE, FI, FR, GB, IE, NL, SE	EGSP		Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
CH	SCOM		SIX SIS
CY	XCYS		Cypriot Stock Exchange
CZ	CDCP		The Prague Central Securities Depository (Centralní depozitář cenných papírů, a.s.)

Country of Issuer	Issuer	Scheme Name	Description	
DE	DAKV		Deutsche Börse Clearing AG	
DK	VPDK		VP - Vaerdipapircentralen	
ES	IBRC		Iberclear	
FR	FFMP		French Funds Market Practice Group	
	SGAB		Société Générale Bank and Trust	
GB	CRST		Euroclear UK & IE	
	LCHL		The London Clearing House	
	HMRC		Her Majesty's Revenues and Customs	
Global	SMPG		Securities Market Practice Group	
	ACCO		Accord for Securities	
	COEX		Coexistence (ISO 15022 – ISO 20022)	
	OMEC	CAAD	Nasdaq OMX Group Corporate Action Service	
GR	HCSO		Central Securities Depository S.A.	
HK	CCAS		Central Clearing & Securities Settlement System	
ID	KSEI		PT. Kustodian Sentral Efek Indonesia (ID CSD)	
JP	XTSE		Tokyo Stock Exchange	
KR	KSDC		Korea Securities Depository	
LU	CEDE		Clearstream Banking	
	LUXC		LuxCSD SA	
PL	KDPW		Central Securities Depository of Poland	
RO	NBOR		Romanian Government Securities Registration and Settlement System	
RU	NSDR		National Settlement Depository	
SG	CDPL		Central Depository Pte Ltd	
SE, FI	NCSD		Euroclear FI and SE	
TH	BOTH		Bank of Thailand	
TW	TWCA		Trust Association of R.O.C.	
US	GSCC		Government Securities Clearing Corporation	
	IRSX		Internal Revenue Service (US Tax Authorities)	
	THFS		Thomson Financial Services	
	DTCY	TXNT		Depository Trust & Clearing Corp IMS transaction type
		IFMT		Depository Trust & Clearing Corp IMS format transaction input
		PROC		Depository Trust & Clearing Corp IMS normal or express processing
		ISRC		Depository Trust & Clearing Corp DTCC application that input transaction to IMS
		ACTV		Depository Trust & Clearing Corp DTCC activity code.
		SUBA		Depository Trust & Clearing Corp DTCC subactivity code
REAS			Depository Trust & Clearing Corp DTCC reason code	
DGCA		Depository Trust & Clearing Corp DTCC Domestic and Global Corporate Actions.		

Country of Issuer	Issuer	Scheme Name	Description
ZA	XJSE		Johannesburg Stock Exchange
	STRA		Strate Limited

- GenericIdentification used for Proprietary Reason codes (e.g., unmatched reason)

Country of Issuer	Issuer	Scheme Name	Description
BE	ECLR		Euroclear Bank
BE, FI, FR, GB, IE, NL, SE	EGSP		Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
CH	SCOM		SIX SIS
DE	DAKV		Deutsche Börse Clearing AG
Europe	ECSD		ECSDA - The European Central Securities Depositories Association
ES	MEFF		MEFF (Spanish Official Exchange for Financial Futures and Options)
FR	XPAR		Société des Bourses Françaises
GB	CHAS		Chase Manhattan Bank
	CRST		Euroclear UK & IE
	LCHL		The London Clearing House
Global	SMPG		Securities Market Practice Group
	ACCO		Accord for Securities
	COEX		Coexistence (ISO 15022- ISO 20022)
LU	CEDE		Clearstream Banking
PL	KDPW		Central Securities Depository of Poland
RO	NBOR		Romanian Government Securities Registration and Settlement System
RU	NSDR		National Settlement Depository
SG	CDPL		Central Depository Pte Ltd
	MEPS		Monetary Authority of SG (MAS) Electronic Payment System
US	BNYM		Bank of New York Mellon
	THFS		Thomson Financial Services
	DTCY		Depository Trust & Clearing Corp
	GSCC		Government Securities Clearing Corporation
ZA	STRA		Strate Limited

- GenericIdentification used for Proprietary Status codes (e.g., processing status)

Country of Issuer	Issuer	Scheme Name	Description
BE	NBBE		National Bank of Belgium
BE, FI, FR, GB, IE, NL, SE	EGSP		Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
ES	MEFF		MEFF (Spanish Official Exchange for Financial Futures and Options)
FR	XPAR		Société des Bourses Françaises
Global	SMPG		Securities Market Practice Group
	GEOS		Securities and Derivatives Management System
	ACCO		Accord for Securities
LU	CEDE		Clearstream Banking
PL	KDPW		Central Securities Depository of Poland
RO	NBOR		Romanian Government Securities Registration and Settlement System
SG	CDPL		Central Depository Pte Ltd
US	DTCY		Depository Trust & Clearing Corp
	GSCC		Government Securities Clearing Corporation
ZA	STRA		Strate Limited

- GenericIdentification used for Proprietary Quantity type in a balance

Country of Issuer	Issuer	Scheme Name	Description
PL	KDPW		Central Securities Depository of Poland
SG	CDPL		Central Depository Pte Ltd

- GenericIdentification used for Proprietary Place code (e.g., place of safekeeping)

Country of Issuer	Issuer	Scheme Name	Description
US	ISIT		ISITC
	GSCC		Government Securities Clearing Corporation
ZA	STRA		Strate Limited



- GenericIdentification used for Proprietary Party identification (e.g., receiving settlement party1)

Country of Issuer	Issuer	Scheme Name	Description
AE	DIFX		Dubai International Financial Exchange Ltd.
AR	CAVL		Caja de Valores S.A.
AT	ATAT		Austrian Bankleitzahl
	OCSD		OeKB - Oesterreichische Kontrollbank AG
AU	ACLR		Austraclear Limited
	AUAU		Australian Bank State Branch Code
	CHES		Clearing House Electronic Settlements Systems
BE	CIKB		Euroclear BE
	ECLR		Euroclear Bank
	NBBE		National Bank of Belgium
BE, FI, FR, GB, IE, NL, SE	EGSP		Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
BR	CLCB		CLC - Camara de Liquidacao e Custodia S.A.
	CETI		Center for the Custody and Financial Settlement of Securities (CETIP)
	SSCS		Special Settlement and Custody System (SELIC)
CA	CDSL		CDS - Canadian Depository for Securities Limited
	CACC		Canadian Payments Association Payment Routing Number
CH	SCOM		SIX SIS
	CHSW		Swiss Clearing Code
CL	CSDD		Central Securities Depository Deposito Central de Valores
CN	SCRC		Shanghai Securities Central Clearing & Registration Company
	SSCC		Shenzhen Securities Clearing Company
CO	CDSY		Central Depository System
CZ	XPRA		The Prague Stock Exchange
	CDCP		The Prague Central Securities Depository (Centralní depozitář cenných papírů, a.s.)
DE	BUWE		Bundesausichtsamt für den Wertpapierhandel
	XDTB		Deutsche Boerse AG: Deutsche Terminbörse
	XFRA		Deutsche Boerse AG: Frankfurter Wertpapierbörse
	XETR		Deutsche Boerse AG: XETRA (exchange electronic trading)
	DAKV		Deutsche Börse Clearing AG
	MARK		Deutsche Bundesbank
	DEBL		German Bankleitzahl
	ZEKR		Zentraler Kreditausschuss
DK	VPDK		VP - Vaerdipapircentralen
EG	MCSD		Misr for Clearing, Settlement and Depository
EE	EVKE		Estonian Central Securities Registry

Country of Issuer	Issuer	Scheme Name	Description
ES	ESPB		Banco de Espana
	MEFF		MEFF (Spanish Official Exchange for Financial Futures and Options)
	SCLV		SCL - Servicio de Compensacion y Liquidacion de Valores
	ESES		Spanish Domestic Interbanking Code
	IBRC	LATI	Iberclear (Latibex Trades)
FI	APKE		Euroclear FI
FR	FRR1		French R.I.B.
	SICV		Euroclear FR
GB	GBSC		UK Domestic Sort Code
	BKEN		Bank of England (CMO code)
	CRST		Euroclear UK & IE
	FSAU		FSA Financial Services Authority
	LCHL		The London Clearing House
	XISM		International Securities Market Association
	XLON		London Stock Exchange
Global	SMPG		Securities Market Practice Group
GR	HCSA		Central Securities Depository S.A.
	BNGR		Bank of Greece
HK	CCAS		Central Clearing and Securities Settlement System
	HKCH		Hong Kong National Clearing Code
	HKMA		Central Money markets Unit (CMU) HK Monetary Authority
HU	KELR		Központi Elszámolóház és Értéktár Rt (KELER)
ID	KSEI		PT. Kustodian Sentral Efek ID (IDn Central Securities Depository)
IE	IESC		Irish National Clearing Code
IL	XTAE		The Tel Aviv Stock Exchange
IN	NSDL		National Securities Depository
IT	ITIT		Italian Domestic Identification Code
	MOTI		Monte Titoli
JP	JSCC		Japan Securities Clearing Corporation
	JSDC		Japan Securities Depository Center
KR	KSDC		Korea Securities Depository
LU	CEDE		Clearstream Banking
	VPLU		VP LUX S.à r.l.
	LUXC		LuxCSD SA
MA	MARO		Maroclear
MX	INDE		S.D. Indeval, S.A. de C.V.
	CASF		Mexican Treasury Department
MY	MCDY		Bursa Malaysia Depository Sdn Bhd
NL	XAMS		Amsterdamse Effectenbeurs
	NECI		Euroclear NL
NO	VPSN		VPS - Verdipapirsentralen

Country of Issuer	Issuer	Scheme Name	Description
NZ	NZBA		New Zealand National Clearing Code
	XNZE		New Zealand Stock Exchange
PH	PCDY		Philippine Central Depository
PL	KDPW		Central Securities Depository of Poland
PU	CVLI		Caja de Valores y Liquidaciones (CAVALI ICLV S.A.)
PT	CVMP		Central de Valores de Mobiliarios
	PTIF		Portuguese National Clearing Code
	XCVM		INTERBOLSA - Associacao para a Prestacao de Servicos as Bolsas de Valores
QA	DSMQ		Doha Securities Market
RU	RUIC		Russian Central Bank Identification Code
SG	CDPL		Central Depository Pte Ltd
	XSIM		Singapore International Monetary Exchange Limited
SI	KDDS		Centralna Klirinsko Depotna Druzba d.d. (KDD)
SK	XBRA		The Bratislava Stock Exchange
TH	TSDC		Thailand Securities Depository Company Limited
TR	TVSB		Takasbank
TW	TSCD		Taiwan Securities Central Depository Co Limited
US	XASE		American Stock Exchange
	DTCY	FINS	Depository Trust & Clearing Corp (DTCY) – FINS tracking stolen or lost securities
		PART	Depository Trust & Clearing Corp (DTCY) – FINS DTC participant number
		USER	Depository Trust & Clearing Corp (DTCY) – FINS DTC user id.
		ID	Depository Trust & Clearing Corp (DTCY) – ID
	EMCC		Emerging Markets Clearing Corporation
	USFW		Fedwire Routing Number
	GSCC		Government Securities Clearing Corporation
	ISCC		International Securities Clearing Corporation
	MBSC		Mortgage Backed Securities Clearing Corporation
	XNAS		National Association Securities Dealers
	XNMS		National Association of Securities Dealers Automated Quotation Service "NASDAQ" / National Market System
	NSCC		National Securities Clearing Corporation
	NYCH	USCH	New York Clearing House (NYCH) – Universal Identifier
		USCP	New York Clearing House (NYCH) – Participant Identifier
	XNYS		New York Stock Exchange
	OCCX		Options Clearing Corporation
	PTCY		Participant Trust Company
	ZA	ZABS	
STRA			Strate Limited

- GenericIdentification used for Proprietary Account types.

Country of Issuer	Issuer	Scheme Name	Description
AT	OCSD		OeKB - Oesterreichische Kontrollbank AG
BE	CIKB		Euroclear BE
BE, FI, FR, GB, IE, NL, SE	EGSP		Euroclear UK & IE, Euroclear Bank, Euroclear BE, Euroclear FR, Euroclear NL, Euroclear FI, Euroclear SE
CH	SCOM		SIX SIS
DE	DAKV		Deutsche Börse Clearing AG
DK	VPDK		VP - Vaerdipapircentralen
ES	SCLV		SCL - Servicio de Compensacion y Liquidacion de Valores
FI	APKE		Euroclear FI
FR	SICV		Euroclear FR
GB	CRST		Euroclear UK & IE
Global	SMPG		Securities Market Practice Group
IT	MOTI		Monte Titoli
NL	NECI		Euroclear NL
NO	VPSN		VPS - Verdipapirsentralen
PT	XCVM		INTERBOLSA - Associacao para a Prestacao de Servicos as Bolsas de Valores

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