

Background and Objectives

Background for the introduction of the compression service is the new higher capital requirements for holding derivatives, especially options under CRD IV

The Current Exposure Methodology (CEM) which is still used by most international banks for risk calculation, limits the risk netting possibilities of opposing positions within one trading strategy, leading to capital constraints.

The recently introduced Standard Approach for Counterparty Credit Risk (SA-CCR) accommodates for some of the limitations set under CEM. However, the valuation approach under SA-CCR is more restrictive by introducing a daily monitoring of the leverage ratio limit compared to a monthly observation in CEM.

In order to avoid leverage ratio conflicts, Clearing
Members impose capital limits to their clients thus
restricting their trading capacity especially
towards month-end expiry.

As a result, Market Makers as clients cannot
provide the quality of liquidity that they would
otherwise show.

- Portfolio compression can be an efficient method to reduce capital constraints by reducing the notional size of a derivative portfolio while keeping the market risk within a pre-defined tolerance level
- Upcoming regulation under Basel III/IV increases clients focus on risk reduction
- Main interest expressed from liquidity providers that currently operate their clearers capital constraints, and from banks under the CEM model that would like to further improve their capital efficiency

2

Benefits of Eurex Compression



Highest efficiency possible

- Eurex offers compression transaction sizes per series according to the regulatory framework
- No minimum size requirements for compression transactions



Secure processing

- Release only possible after all compression participants approval
- Simultaneous release of all transactions



Open platform

Compression services at Eurex can be offered via any approved compression provider

Compression Service Overview

- Exchange Participants need to engage with Eurex approved compression providers
- Compression trades are entered into the trading and clearing Eurex systems using a special flag within the available trade entry service (TES)
- Release of compression trades is conducted by compression service providers, as soon as all participating members have confirmed their compression trades
- Compression trades can only be entered and released between 09:00 and 14:00 CET
- The service infrastructure was introduced on 29th March 2021

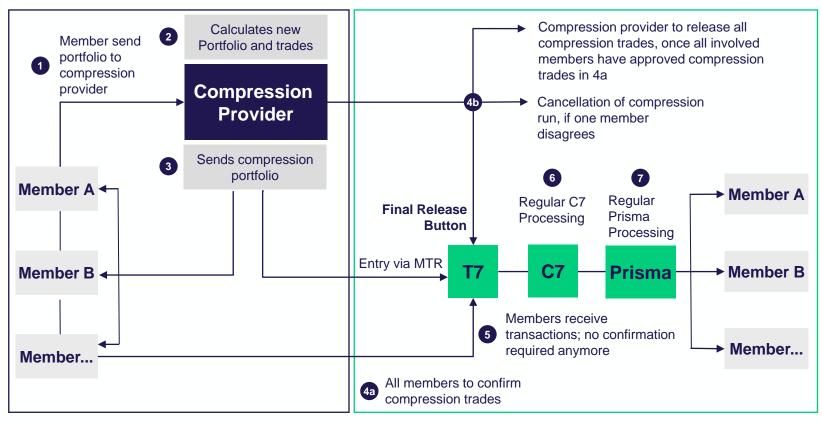
Compression Solution Description

Trade process	Enabled to Eurex members via Trade Entry Services (TES) infrastructure	
Compression Service Provider	 A specific Eurex participant (not necessarily a Eurex trading participant) who is allowed to submit predefined compression trades in the broker mode The predefined compression trades are created by compression service provider using open interest initially provided by trading participants Mass upload of the compression results by the compression provider via Eurex ETI or Eurex T7 GUI Final release of all compression transactions once all compression service users have approved all trade proposals entered (successful compression run) 	
Compression Service User	 Eurex trading participant who is requested to approve all predefined compression trades of a compression run in which he is counterparty Automatic notification to members via the usual TES broadcast of pending approval of compression trades By approving his compression trades, the compression service user gives consent to the results of the compression run and to the compressed positions resulting from the impact of the compression trades 	
Frequency	 Possible once per day per product Compression provider to schedule compression runs in advance 	
Main changes	 New TES Type Final release button GUI Adaptations regarding mass approval Implementation of requirements in T7 Release. 9.0, C7 Release. 7.0.1, Prisma Release. 10.1 	
Scope	 Euro STOXX 50 index options Further products possible on demand 	
Pricing	 Compression service user Fee per contract: EUR 0.10 note: a fee holiday is offered until December 2021 Compression provider: A fee holiday is offered until 30 June 2021 Monthly fee (incl. one compression run): EUR 3,000 Each additional compression run: EUR 1,000 	

5



Compression Flow



Compression Provider

Eurex

- Compression provider interacts with Eurex members via bilateral agreements
- Eurex member send their compression portfolio to the compression provider (1)
- Compression provider calculates compression trades and sends results back to members (2)
 (3)
- Compression provider send compression trades to TES using the MTR (3)
- Eurex member to affirm all compression trades
 (4a)
- Compression provider oversees affirmation by all participating members (4b)
 - Release of all compression trades if all participating members affirmed within the given time frame
 - Cancellation of the compression run if at least one trade is not affirmed or rejected
- Regular processing of compression trades identical regular TES trades, including Eurex risk management by Prisma (6) (7)

Minimum Requirements and Limitations

1 Portfolio compression requirements

Compression provider	Must be admitted by Eurex
Compression service user	Must be active Eurex Exchange Participant with TES type eligibility "Compression"
Allowed products	EURO STOXX® 50 index options (OESX)
Allowed accounts	Proprietary accounts only
Frequency	One compression run per day and allowed product
Portfolio compression time	• 09:00 – 14:00 CET

2 System requirements

- Start and end of compression run must be during product specific TES trading hours, i.e., Schedule event must be Activity State: ON
- · Any limitation in trading hours on expiry day or holiday must be considered
- · Compression runs shortly after T7 / C7 releases will be avoided

3 Operational requirements

- Eurex Operations team to be informed on Wednesdays prior to each compression run in order to plan accordingly
- Extraordinary runs might be possible with prior approval by the risk team on short notice. In such case, the information on the compression run date, participating members and volumes is required.

Product Description - Planned Set-up

Planned changes to Eurex Trading and Clearing Systems

System	Main changes	Description	Timeline
T7	 New TES Trade Type Final Release Button GUI Adaptations regarding Mass Approval 	 New TES type for compression trades required Identification Reporting Pricing Functionality for Compression Service Provider to release compression trades simultaneously Ability to approve all compression trades with one approval to reduce operational efforts For more information: https://www.eurex.com/exen/technology/t7/release9 	 Simulation: Focus days were offered on 03rd and 10th December 2020 to enable compression participants test their technical readiness and connectivity to Eurex Additional focus days are planned in alignment with the respective compression provider Technical Go Live: 29th March 2021 Production: First compression run planned on 22nd April 2021
C 7	 New TES Trade Type 	 New TES type for compression trades required Identification Reporting Pricing For more information: https://www.eurex.com/ec-en/find/initiatives/c7-release-701	

Key contacts

	Key Contacts	When to contact
Market Supervision	eurextrading@eurex.com	 First point of contact Registration of a compression run Customer support
Clearing Data Control	clearingdata@eurex.com	 T7 entitlement setup: using active Trader id and Member Id The Entitlement setup is required for compression providers and participants. The setup have to be done once at the first participation in a compression cycle. Participants can directly contact Clearing Data Control team to verify their setup.
Key Account Managers	Client.services@eurex.com	Customer support
Equity & Index Product Design	Tobias Ehinger: tobias.ehinger@eurex.com	Back-up support in case of specific questions
Trading Design	Kai Zimmermann: kai.zimmermann@eurex.com	Back-up support in case of specific questions





Thank you!

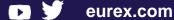
Tobias Ehinger

Equity and Index Product Design

Eurex Frankfurt AG Mergenthalerallee 61 65760 Eschborn

Tel: +49 (0)69 2 11-1 23 13 Tobias.ehinger@eurex.com







Disclaimer

© Eurex Frankfurt AG 2020

Deutsche Börse AG ("DBAG"), Clearstream Banking AG ("Clearstream"), Eurex Frankfurt AG ("Eurex"), Eurex Clearing AG ("Eurex Clearing"), Eurex Securities Transactions Services GmbH ("Eurex STS") and Eurex Repo GmbH ("Eurex Repo") are corporate entities and are registered under German law. Eurex Global Derivatives AG is a corporate entity and is registered under Swiss law. Clearstream Banking S.A. is a corporate entity and is registered under Luxembourg law. Eurex Frankfurt AG is the administrating and operating institution of Eurex Deutschland. Eurex Deutschland is in the following referred to as the "Eurex Exchange".

All intellectual property, proprietary and other rights and interests in this publication and the subject matter hereof (other than certain trademarks and service marks listed below) are owned by DBAG or its affiliates and subsidiaries or used under authorization by their respective owners, including, without limitation, all patent, registered design, copyright, trademark and service mark rights. While reasonable care has been taken in the preparation of this publication to provide details that are accurate and not misleading at the time of publication DBAG, Clearstream, Eurex, Eurex Clearing, Eurex Repo as well as the Eurex Exchange and their respective subsidiaries, servants and agents (a) do not make any representations or warranties regarding the information contained herein, whether express or implied, including without limitation any implied warranty of merchantability or fitness for a particular purpose or any warranty with respect to the accuracy, correctness, quality, completeness or timeliness of such information, and (b) shall not be responsible or liable for any third party's use of any information contained herein under any circumstances, including, without limitation, in connection with actual trading or otherwise or for any errors or omissions contained in this publication.

This publication is published for information purposes only and shall not constitute investment advice respectively does not constitute an offer, solicitation or recommendation to acquire or dispose of any investment or to engage in any other transaction. This publication is not intended for solicitation purposes but only for use as general information. All descriptions, examples and calculations contained in this publication are for illustrative purposes only.

Eurex and Eurex Clearing offer services directly to members of the Eurex Exchange respectively to clearing members of Eurex Clearing. Those who desire to trade any products available on the Eurex market or who desire to offer and sell any such products to others or who desire to possess a clearing license of Eurex Clearing in order to participate in the clearing process provided by Eurex Clearing, should consider legal and regulatory requirements of those jurisdictions relevant to them, as well as the risks associated with such products, before doing so.

Only Eurex derivatives that are CFTC-approved may be traded via direct access in the United States or by United States persons. A complete, up-to-date list of Eurex derivatives that are CFTC-approved is available at:https://www.eurex.com/ex-en/rules-regs/eurex-derivatives-us.

In addition, Eurex representatives and participants may familiarize U.S. Qualified Institutional Buyers (QIBs) and broker-dealers with certain eligible Eurex equity options and equity index options pursuant to the terms of the SEC's

July 1, 2013 Class No-Action Relief. A complete, up-to-date list of Eurex options that are eligible under the SEC Class No-Action Relief is available at: https://www.eurex.com/ex-en/rules-regs/eurex-derivatives-us/eurex-options-in-the-us-for-eligible-customers. Lastly, U.S. QIBs and broker-dealers trading on behalf of QIBs may trade certain single-security futures and narrow-based security index futures subject to terms and conditions of the SEC's Exchange Act Release No. 60,194 (June 30, 2009), 74 Fed. Reg. 32,200 (July 7, 2009) and the CFTC's Division of Clearing and Intermediary Oversight Advisory Concerning the Offer and Sale of Foreign Security Futures Products to Customers Located in the United States (June 8, 2010).

Trademarks and Service Marks

Buxl®, DAX®, DivDAX®, eb.rexx®, Eurex®, Eurex Repo®, Eurex Strategy WizardSM, Euro GC Pooling®, FDAX®, FWB®, GC Pooling®, GCPl®, MDAX®, ODAX®, SDAX®, TecDAX®, USD GC Pooling®, VDAX®, VDAX-NEW® and Xetra® are registered trademarks of DBAG or its affiliates and subsidiaries. All MSCI indexes are service marks and the exclusive property of MSCI Barra. ATX®, ATX® five, CECE® and RDX® are registered trademarks of Vienna Stock Exchange AG. IPD® UK Quarterly Indexes are registered trademarks of Investment Property Databank Ltd. IPD and have been licensed for the use by Eurex for derivatives. SLI®, SMI® and SMIM® are registered trademarks of SIX Swiss Exchange AG. The STOXX® indexes, the data included therein and the trademarks used in the index names are the intellectual property of STOXX Limited and/or its licensors. Eurex derivatives based on the STOXX® indexes are in no way sponsored, endorsed, sold or promoted by STOXX and its licensors and neither STOXX nor its licensors shall have any liability with respect thereto. PCS® and Property Claim Services® are registered trademarks of Korea Exchange Inc. The names of other companies and third party products may be trademarks or service marks of their respective owners.

Eurex Deutschland qualifies as manufacturer of packaged retail and insurance-based investment products (PRIIPs) under Regulation (EU) No 1286/2014 on key information documents for packaged retail and insurance-based investment products (PRIIPs Regulation), and provides key information documents (KIDs) covering PRIIPs traded on Eurex Deutschland on its website under the following link: https://www.eurex.com/ex-en/rules-regs/priips-kids.

In addition, according to Art. 14(1) PRIIPs Regulation the person advising on, or selling, a PRIIP shall provide the KID to retail investors free of charge.

EUREX 11 19 April 2021