

Modernization of C7 FIXML Interface

ECC is committed to providing a reliable and secure clearing environment. As part of this ongoing effort, ECC will update the C7 FIXML interface, which will enable direct connectivity for Derivatives Clearing Activities for CMs and connected NCMs.

This update will involve two key improvements:

- **Enhanced Technology:** Java version 17 will be supported, which offers improved performance and stability.
- **Strengthened Security:** The Deutsche Börse PKI infrastructure will be implemented for a more robust security posture.

The migration to the new process is scheduled for Q2 2025:

23 May 2025: The new process will be available for testing in the SIMU environment.

14 June 2025: The new process will be mandatory in the PROD environment.

ECC recommends Clearing Members to review the documentation and video tutorials available soon on the Support page of the Eurex website www.eurex.com/ec-en under the link:

Support > Technology > C7 > Supporting Documents > [Messaging Interfaces Connectivity](#)

Clearing Members can contact their dedicated Key Account Manager in case of any questions.

Details of the initiative

- **New Self-Certification Process:** A new self-certification process for the C7 FIXML interface will be established. Clearing Members can find detailed instructions in the "Eurex Clearing Messaging Interfaces Connectivity A: Connectivity" document, available for download on the above-mentioned Eurex Support page under Supporting Documents.
- Additionally, video tutorials will be available on the Eurex website for clear guidance under: Support > Technology > C7 > Tutorial Videos.
- **Java 17 Compatibility:** Java version 17 does not support certain elliptic curves. A complete list of the obsolete ciphers is available here: [link to JDK-8251547]. Clearing Members must ensure that their systems avoid these ciphers.
- **New NIST Ciphers:** Several new NIST ciphers will be available in the PKI infrastructure in 2024. These include secp384r1, secp521r1, Ed25519, and Ed448. The certificates can leverage these secure options.
- **Host Names and Port Numbers:** Clearing Members must provide the host name and port number of their FIXML broker. Please refer to the table below for quick reference:

Environment	Host Name	Port Number
SIMU (Simulation)	ecag-fixml-simu1.deutsche-boerse.com	11112
PROD (Production)	ecag-fixml-prod1.deutsche-boerse.com	11012 (default)

Clearing Members will be contacted by their Technology Department if their port number or migration timeline differs.

Additional Information

Update of Documentation

Detailed system documentation is available at www.eurex.com/ec-en
Support > Technology > C7 > Supporting Documents > [Messaging Interfaces Connectivity](#)

Information on Implementation Regulation of ECC

We refer to Section 9(3)(d) of the Implementation Regulation of European Commodity Clearing AG concerning technical equipment. Under that provision a declaration by the Contractual Party stating that the Contractual Party has conducted a test and the updated Eurex Clearing System interacts with the Participant System and the Participant Software without any errors or malfunctions shall be deemed to have been made, if the Contractual Party either

- (i) if a Simulation phase of at least 15 Business Days has been offered, commences with the use of the Eurex Clearing System after the implementation of the Release, or
- (ii) if no such Simulation phase has been offered, fails, within a period of 15 Business Days after the implementation of the Release, to inform ECC about the occurrence of any errors or malfunctions with respect to the interaction of the Participant System and the Participant Software with the Eurex Clearing System.

Unless the context requires otherwise, terms used and not otherwise defined in this circular shall have the meaning ascribed to them in the Clearing Conditions.

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