

IT /ZW/1/2025
CCP/ZW/28/2025

Warsaw, 30 January 2025

**To: KDPW Direct Participants
KDPW_CCP Clearing Members**

Re.: changes in IT systems in the area of electronic communication (SWI)

Dear Madam or Sir,

Further to prior announcements regarding the planned changes in the area of communication with KDPW direct participants and KDPW_CCP clearing members, we present below updated information on the scheduled implementation date and publication date of the amended KDPW and KDPW_CCP regulations.

In view of the scope of the planned modifications, to ensure that the participants have adequate time for testing the various solutions, we are planning the following:

- the amendments to the KDPW and KDPW_CCP regulations (rules of the individual services) concerning the implementation of the new solutions will be published on 14 February 2025,
- the amendments to the regulations will come into effect on the roll-out date of the IT solutions, i.e. 28 February 2025, subject to the transitional period referred to below,
- in the transitional period from 28 February to 28 May 2025 both the new and the legacy communication systems will be in operation (as described below),
- at the end of the transitional period, i.e. 28 May 2025, the current SWI Agreements will expire as a result of their early termination notified to participants.

During the transitional period, participants can use the legacy ESDI/WEB system, both to transmit correspondence and exchange system messages, and in parallel use the new applications available in the Service Portal (CSD Services - Direct Participant and Correspondence applications for KDPW direct participants, and Correspondence application for KDPW_CCP clearing members available in the KDPW_CCP Core Services). With regard to A2A communication, participants can only use the ESDK channel until the production switchover of the communication to the new rules, but no longer than the end of the transitional period.

As the transitional period has been set, the switching dates for A2A communication defined in the switching windows have changed. A detailed list of these dates, together with the applicable switching procedure, is provided in the enclosure hereto.

Krajowy Depozyt Papierów Wartościowych Spółka Akcyjna z siedzibą w Warszawie (00 -498) przy ulicy Książęcej 4, wpisana do rejestru przedsiębiorców prowadzonego przez Sąd Rejonowy dla m. st. Warszawy, XII Wydział Gospodarczy Krajowego Rejestru Sądowego, pod nr KRS 0000081582, NIP 526 -10-09-528, wysokość kapitału zakładowego i kapitału wpłaconego - 21.000.000 zł.

KDPW_CCP Spółka Akcyjna z siedzibą w Warszawie (00 -498) przy ul. Książęcej 4, lok. 6089A, wpisana do rejestru przedsiębiorców prowadzonego przez Sąd Rejonowy dla m. st. Warszawy, XII Wydział Gospodarczy Krajowego Rejestru Sądowego, pod nr KRS 0000357452, NIP: 701- 02-37-032, wysokość kapitału zakładowego i kapitału wpłaconego - 190.000.000 zł.

Please note that it is possible to test all new solutions introduced as part of the planned implementation in the test environments.

In addition, as of 3 February 2025, a dedicated test mailbox ("KDPW - Testy" and "KDPW_CCP - Testy", respectively) will be available in the Correspondence application test environment for the exchange of test messages. Please note that access to the KDPW Correspondence application can only be granted by the permission administrator appointed for the test environment; access to the KDPW_CCP Correspondence application will be granted (without further request) to all users with access permissions to the KDPW_CCP Core Services in the test environment.

Yours sincerely,

Rafał Wawrzyniak

IT Managing Director

Enclosure:

1/ Description of the process for the implementation of changes in A2A communications covered by the ESDK protocol

Appendix: Description of the process for the implementation of changes in A2A communications covered by the ESDK protocol

This Appendix describes the procedure for switching A2A communications for services currently using ESDK mechanisms from the current model to a model using the new A2A certificate scheme.

NOTE: As the current model uses one pair of queues as a standard for ESDK communication with the Group’s services, it is necessary to analyse the internal IT solutions in order to separate the streams by individual services, also in the context of connecting with the two KDPW Group companies. The complexity of the changes may vary depending on the way in which the individual processes are implemented, and therefore the analysis should be carried out well in advance, ahead of the expiry of the certificates currently used for communication.

General description of the process of switching communication to the model using the new A2A certificate scheme

- The participants will be switched to the new A2A communication model in the agreed switchover windows (expected timeline below), separately for the test environments (TST and EDU) and for the production environment (PRD).
- Switchovers for the production environment will only be carried out at weekends.
- Switchovers will be executed for the institution codes which are active in each service.
- In each switchover window, communications will be switched for a group of institution codes according to the declarations received from the participants.
- In order to execute the procedure efficiently, KDPW will enable the participants to test in advance the connections established according to the new A2A communication model and to send a test message before the switchover.
- The switchover to the new configuration in each area will be implemented by blocking access to the old (legacy) configuration and allowing participants to exchange messages with domain systems under the new configuration.

Expected timeline

The table below summarises the planned switchover windows for the production environment (PRD) and the test environments (TST and EDU).

Month	Test environments		Production environment	
	Day	Time (CEST)	Day	Time (CEST)
February 2025	5, 12, 19, 26	10:00-11:00	-	-
March 2025	5, 12, 19, 26	10:00-11:00	8, 22	10:00-11:00
April 2025	2, 9, 16, 23, 30	10:00-11:00	12, 26	10:00-11:00
May 2025	7, 14, 21	10:00-11:00	10, 24	10:00-11:00

For all scheduled windows, the switchover is scheduled to start at 10:00 CEST.

NOTE: As a condition of the switchover, the participants are required to submit a switchover declaration in accordance with the procedure described below, download the new certificate, and receive the ESDK confirmation message before the declared switchover window. Failing that, the participant's A2A ESDK communication with KDPW and KDPW_CCP services will not be possible as of 29 May 2025 or as of the expiry date of the existing certificate if it is earlier than the date indicated above.

Detailed description of actions in the process of switching communication to the new model

- 1) From 15 November 2024, KDPW enabled the participants to test network connections to the new queue managers.
- 2) From 1 December 2024, KDPW made available MQ connection configurations in accordance with the new communication model. The configurations were prepared for all services using the ESDK protocol, both for KDPW and KDPW_CCP services. In the adaptation process, the participants will update their communication systems and prepare dedicated MQ connection configurations in accordance with the new communication model.
- 3) In order to authenticate the participants' systems in the process of setting up MQ connections in the test and production environments, it is necessary to obtain dedicated electronic certificates. These certificates are generated at the request of the participants using the applications "A2A certificates" (for KDPW services) and "A2A certificates KDPW_CCP" (for KDPW_CCP services) available in the Service Portal (<https://online.kdpw.pl>). It is currently possible to apply for certificates for testing environments, while certificates for the production environment will be issued starting from 28 February 2025.
- 4) Once the MQ connections referred to in point 2 have been successfully established, it will be possible to verify the communication by sending the test message esdk.tst.001.01 and receiving the confirmation message esdk.acc.001. Content messages sent through the queues established in accordance with the new communication model will be treated in the same way, i.e. the correctness of the ESDK header will be checked and, depending on the results of the check, a message will be sent to the participant confirming acceptance (esdk.acc.001.01) or rejection (esdk.rjc.001.01) of the content message. Content messages will not be sent to the domain systems during this period.
- 5) In order to determine the preparation of the communication switchover process, the participants will submit to KDPW a declaration concerning the preferred date for switching ESDK communications to new MQ connections, in accordance with the agreed windows and keeping the environments separate (test and production connections separately), no later than 7 days before the selected date. When deciding on the date of the switchover, the expiry date of the currently used certificates should be considered and the switchover should be made well in advance. The declaration should include: the name of the entity, a list of the institution codes for which the switchover is to be performed, and contact details including the email address of the person responsible for implementing the switchover on the participant's side. Please send the information by email to a2a@kdpw.pl. As a condition for the participant to be allowed to switch ESDK communications to the new MQ connections, these connections must be successfully verified by sending a test message and receiving a confirmation message, as referred to in point 4, in each of the switched environments.

- 6) If a participant fails to submit a declaration for an institution code(s), the participant will no longer be able to use the existing communication in the ESDK channel as of 29 May 2025 or as of the expiry of the certificate or its revocation, whichever occurs earlier.
- 7) In the case of KDPW direct participants (due to the fact that MQ communication will also include the transfer of settlement orders), prior to the switchover, the participant will additionally be required to submit a declaration naming the person authorised to make declarations of intent on behalf of the participant using the connection, signed by the participant's duly authorised representative(s) and bearing the qualified electronic signature of the authorised representative(s). The form for the declaration will be made available on the KDPW website along with the publication of regulatory changes.
- 8) At the latest 5 days before the agreed switchover window, the participant will receive a confirmation from KDPW to the e-mail address provided in the declaration, describing the switchover procedure and containing a reminder to download a new certificate.
- 9) During the switchover window, KDPW will pause the process of sending messages from the domain systems, after which the participants involved in the switchover will receive all MQ messages from the queues used so far.
- 10) After checking that the messages have been received, KDPW will block the existing access to the MQ channels and initiate the exchange of messages based on the new MQ configuration. The rollback to the previous configuration will not be possible.