

IT of the Central Securities Depository

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Infrastructure of the Central Securities Depository





Personal accounts, Central Securities
Depository Portal, API



WEB
APPLICATION
FIREWALL

Communication terminals



FASTI
VIDo



Developers



CI/CD

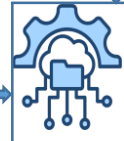


GitLab

SAST, SCA
DerScanner
sonatype



Application Server



Enterprise service bus



System of
monitoring



ZABBIX

The operators



AIS "DRSCB"

AIS "RP"

AIS "ISIN"

AIS "ABS+"





Components of Electronic Document Management Systems (EDMS):



Electronic document management systems

The exchange of documents with the clients of the Central Securities Depository is carried out in accordance with the Law on Electronic Document and Electronic Digital Signature. The Law defines the concepts of an electronic digital signature, an electronic document, an identity center, and a registration certificate.

In the exchange of electronic documents, the Central Depository uses the cryptoproviders of the National Certification Authority (NCALayer/Kalkan-Crypt) and the RGP "National Payment Corporation of the National Bank of the Republic of Kazakhstan" (Tumar-CSP).



FASTI RGP "NPC NBRK"

- Participants
- NBRK (maintaining the register of short-term notes)
- Clearing Center (backup channel)



Operational Accounting Support System of the RSE "National Payment Corporation"

- Payment System user's terminal



Portal of the Central Securities Depository, Personal Account (PA)

- Participants
- Holders (registry)
- Issuers (registry maintenance agreements)
- NBRK Monetary Operations Department (ISIN assignment)
- Ministry of Finance (ISIN assignment)
- ARDFM (Agency for Regulation and Development of the Financial Market) (state service for assigning the ISIN of the National Security Service)
- Clearing Center
- Terminal eTransfer.kz (clearing center)

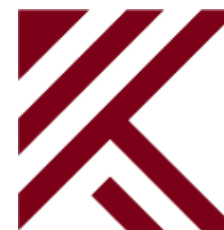


S.W.I.F.T.

- Participants
- Accounting organizations



Thanks for your
attention



CSD

Центральный депозитарий
ценных бумаг
