

# Deutsche Securities Bank information systems integration on the PIE platform



## Project objectives

It was necessary to integrate the information systems and to provide interaction of all the company's branches including foreign offices within the framework of the project. Thus it was planned to:

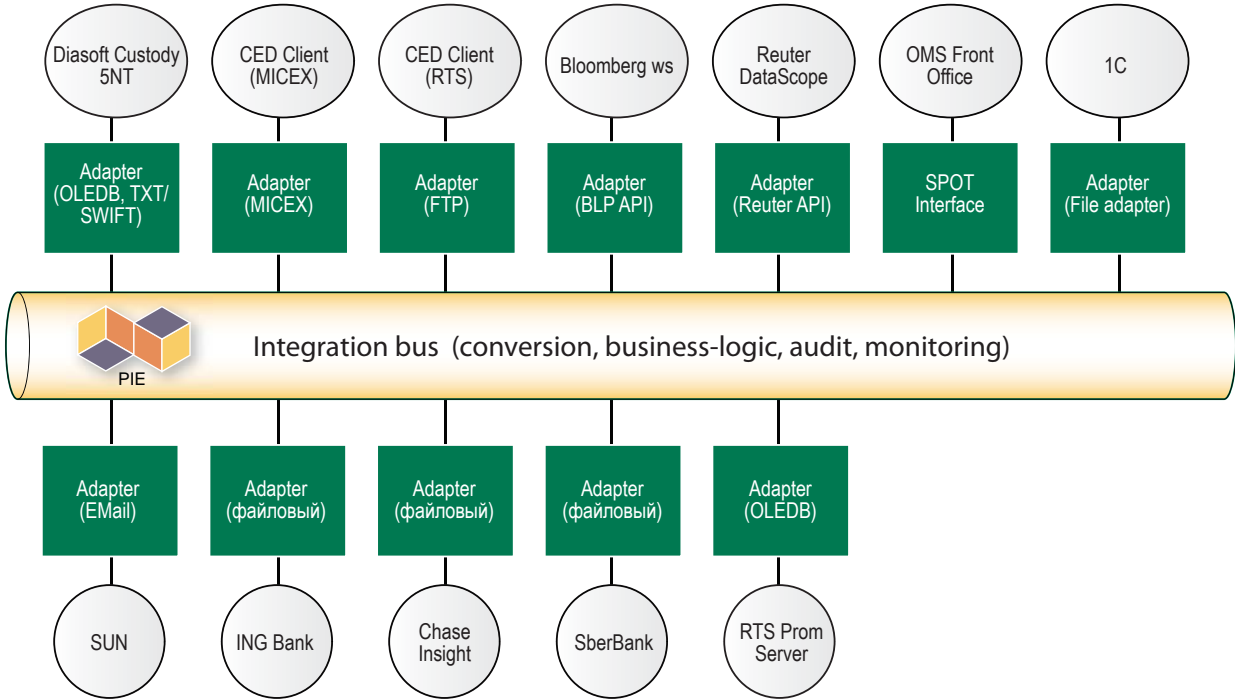
- Create a modern infrastructure on the basis of EAI (Enterprise Application Integration) methodology allowing to accumulate all the information systems data exchange flows.
- Develop PIE adapters to information systems;
- Adjust data conversion logic on the basis of the PIE integration platform;
- Implement exception cases operational monitoring technology.

## The solution

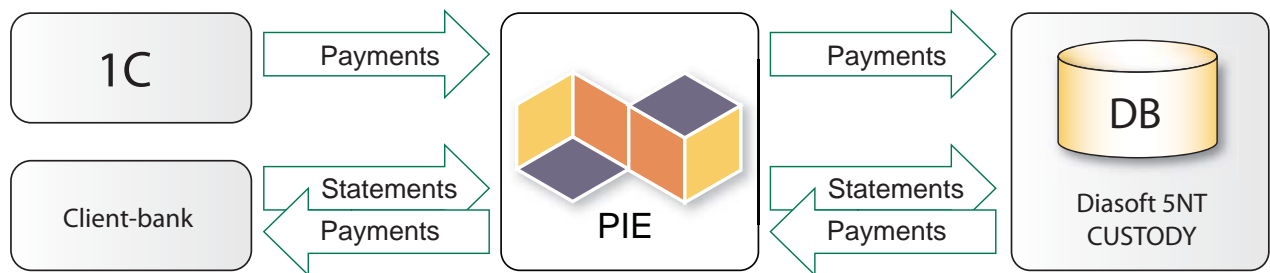
The object of the automation was the information infrastructure consisting of several information systems:

- Diasoft 5NT Custody – the main accounting system;
- 1C – accounting system

- Bank-client system: SBER Bank, ING Bank, Chase Insight, Gasprombank;
- MICEX gateways, Russian Trading System (RTS) and London Stock Exchange (LSE);
- Russian stock exchanges electronic workflow systems (CED Client Micex & RTS);
- Other systems.



General architecture of the integrated information technology infrastructure



## Architecture

The PIE integration platform was implemented within the framework of this project to support the information systems integration architecture.

## Project results

An efficient monitoring of the information infrastructure of the PIE administrator's workplace was implemented on the basis of Microsoft Visio.

To carry out trading of the three trade floors were developed adapters providing interaction with stock exchanges trade systems:

- Moscow Interbank Currency Exchange (MICEX);
- Russian Trading System (RTS);
- London Stock Exchange (LSE).

Implementation of STP-processing of electronic documents between Diasoft 5NT Custody, 1C and different "client-bank" systems was done within the project. A possibility of information exchange monitoring between the systems involved into a particular business-process was realized.

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