

Integration of «VimpelCom» Corporate Applications

Project objectives

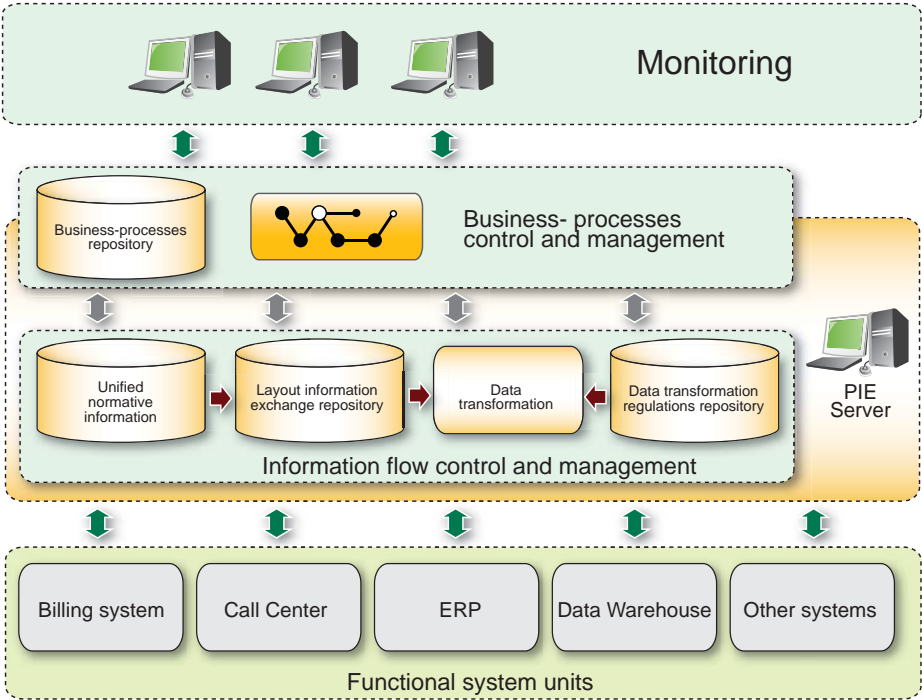
One of the key factors effecting mobile operators` successful activity is the reliable interaction of the billing system with the other software applications and the real time data processing. The absence of integration between systems badly influences the received data quality that is used both for strategic tasks solution and for carrying out operation activity. This results in additional cost and time expenses and reduces company`s management efficiency. Moreover, maintenance of different information systems considerably increases their total cost of ownership and decreases the efficiency of financial investments in modernization. In 2001-2002 the Russian public corporation "VimpelCom" developed a concept for evolutionary programme for applications integration. On its basis a set of projects has been developed, some of which are being put into life today.

Project realization

Successful realization of several "VimpelCom" pilot projects by CMA Company influenced the decision to choose application integration product PIE as a corporate standard for the program applications integration of "VimpelCom". Today the support of data communication between applications and their



transformation is done on data flow control and management levels. For this purpose is used the repository of the data exchange formats, data transformation rules and the unified reference data. The management of the activity of application functional modules on the different stages of business-process is conducted at the level of business-process control and management. The information about the performed operations is collected and analyzed at the level of monitoring of the automated processes.



General architecture of the integrated information technological infrastructure

Project results

The main project result was a qualitative step forward in raising the level of information and functional corporate applications integration that automate company's business processes. The final result of this innovative approach was the cost reduction and competitive growth of the "VimpelCom". CMA solution simplicity and reliability made it possible to replicate PIE into subsidiaries of "VimpelCom" in Ukraine, Tajikistan, Uzbekistan and some other regions.

The following tasks were accomplished:

- Time of corporate information processing is reduced due to the business-information life-cycle, end-to-end automation and duplicated data flow removal;
- Informational interfaces for existing and planned software are unified, data transfer procedure reliability and transparency is increased;
- Unauthorized access data security level is improved;
- The possibility of centralized control monitoring, information processing and communication is provided;
- Reference data used in the "VimpelCom"'s automated systems is unified.

The CMA Company solution provided:

- The growth of reliability and manageability of the automated business-processes;
- Improvement of enterprise management by means of providing its information transparency;
- Cost and time reduction in case of automated business-process change;
- Creation of conditions for operational response to the change of the market situation by means of automated business-processes reengineering, providing flexibility by extension and/or changing in the source structure or information users;
- Prevention of emergency situations.

Nowadays more than 100 software-to-software interfaces are introduced. The number of program integrated applications has amounted to 40. A significant increase of some transmitted and processed information quantitative indexes was observed during the project. At this moment the amount of information is measured in terabytes. The integration PIE platform has proved its reliability under conditions of constant load increase and simultaneous optimization of IT environment scalability.

The «VimpelCom» group (trade mark «Beeline») consists of telecommunication mobile operators, providing its services for Russia and the CIS. The VimpelCom's license portfolio on providing mobile services covers a territory with a population of about 232 million people.

Geographically the network covers 78 regions of Russia (136, 5 million people, constituting 94% population of Russia), as well as the whole territory of Kazakhstan, Ukraine, Tajikistan and Uzbekistan. Public corporation «VimpelCom» was the first Russian company to list its shares on the New York Stock Exchange (NYSE).

Since "VimpelCom" entered the New York Stock Exchange it has been topping the Russian companies in respect of corporate management and transparency. Due to that some independent companies and organizations repeatedly awarded it the leading rank in the sphere of corporate management and investor relations.

«Beeline» brand occupies the leading position and takes the 1084-th place in the ranking of the most powerful and expensive Russian brands, completed by the International Consulting Company Interbrand Group. It was rated as 5 billion dollars.

<http://www.beeline.ru>