

## Realization of the Equipment Maintenance Management System implementation project for the Belkamneft OJSC

**Sector:** Oil and gas

**Region:** Russia

**Client:** Belkamneft OJSC

**Task:**

1. To create a common database of technical locations and units of the Company's facilities giving the most complete and exhaustive description of all technological units enabling the production process;
2. To create a common system for the recording of internal transfers of oilfield facilities ensuring full-scale control over the availability and technical state of facilities;
3. To create common rules for the recording of malfunctions, incidents and failures at all the technological facilities of the Company ensuring the comparability of failure analysis data and increased technical substantiation while making decisions on the need for maintenance works.
4. To create common rules for maintenance works planning, recording and acceptance, as well as for technical state control allowing to map any changes in the technical state of facilities to the costs related to the maintenance of its due technical state.

**Result:** Four key maintenance business processes were implemented in the Belkamneft OJSC:

1. Real-time recording of the availability and transfers of oilfield facilities;
2. Real-time recording of the technical state and violations in the facilities operation;
3. Real-time planning of facilities servicing and maintenance works;
4. Annual planning of maintenance works in terms of time and resources.

**Partners:** SAP

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**Review:**

"The new system implementation let the Belkamneft OJSC structure and formalize the main maintenance business processes: facilities recording, maintenance planning, maintenance and technical servicing cost accounting. In addition, registers of facilities were regulated and systematized during the project"

Alexey Ermakov, Deputy Chief Information Officer of the Belkamneft OJSC.

\*- The project was implemented by the Parma-Telecom company (ITPS Group)

\*\* The material is available in Russian version only