

Integration of SAP business applications and automated production control systems in KarakudukMunai LLP

- Sector:** Oil and gas
- Region:** Kazakhstan
- Client:** KarakudukMunai LLP
- Task:** The main project objective was to increase the performance of the existing asset information systems by extending the functional capabilities of the systems eliminating duplicated entry of same-type data, unifying and centralizing regulatory and reference data management.
- Result:** As a result of the Karakudukmunai project, the processing of system data in these areas was unified and the previously separated APMs used to process data coming from several systems, e.g. APM of the field dispatcher, were united. The use of the SAP Process Integration interface during the design of interfaces allows centralized storage of all integration settings and parameters of cross-system business processes, ensuring synchronous and asynchronous operation data transmission between production accounting systems (ASUP) and plant maintenance planning and control systems (ISU LOKhL), the automation of transfers of data related to the technological mode, metered and distributed field production, which in future will ensure uniform creation of reporting forms in all systems and will also allow solving other important tasks. The integration bus allows implementing interaction between systems in compliance with the service-oriented architecture (SOA), which also ensures centralized support of integration flows.
- Review:** "While using the services provided by our partners having international expert knowledge in the oil & gas field in the implementation of our new projects, we can be sure of their successful implementation. Parma Telecom is exactly such a partner for KarakudukMunai LLP.
- Stepan Gurzhiy, Chief Executive Officer of

KarakudukMunai LLP

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