

TRINIDATA

Ontology-based
software and solutions



trinidata



Sergey Gorshkov

info@trinidata.ru



<http://trinidata.com>



+7 (343) 2-110-256



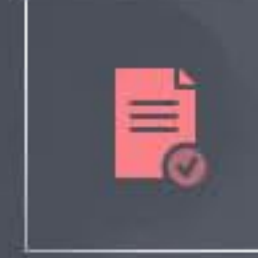
ONTOLOGIES AND KNOWLEDGE GRAPHS

An innovative company experienced in resolving complex real-world tasks with the ontology-driven corporate software.



COMPLEX SERVICES

We offer the full cycle of solution development, from architecture design and conceptual model construction to the end-user applications implementation, commissioning, education and support.



OUR OWN PRODUCTS STACK

The ArchiGraph platform suite includes an ontology-based data management platform, an ontology editor, a knowledge management system, and a number of extra tools such as a natural language processing framework



ONTOLOGY-DRIVEN DATA MANAGEMENT

ArchiGraph.MDM is a core product of the suite. It maintains a set of clustered multi-model data storages under an abstraction layer. A client can perform SPARQL query which will be performed by the most appropriate data storages. It manages access rights, keeps history of the model and the metadata, performs reasoning and constraints checks.

OUR PROJECTS:

Data exchange services for a grid company

Logical data mart for an oil&gas company

Knowledge management system for an engineering company

Unified data management platform of a major industrial company

1

Complex IT architectures design and implementation

data-centric architecture allows applied services to work with a unified, linked, normalized data set

2

Ontology modeling

Building ontologies for various business needs using well-known top-level ontologies, domain ontologies, according to the standards and specifications

3

Knowledge management systems implementation

a corporate knowledge graph allows to re-use experience, reduce risks, improve customers management and decision making

4

Data management solutions implementation

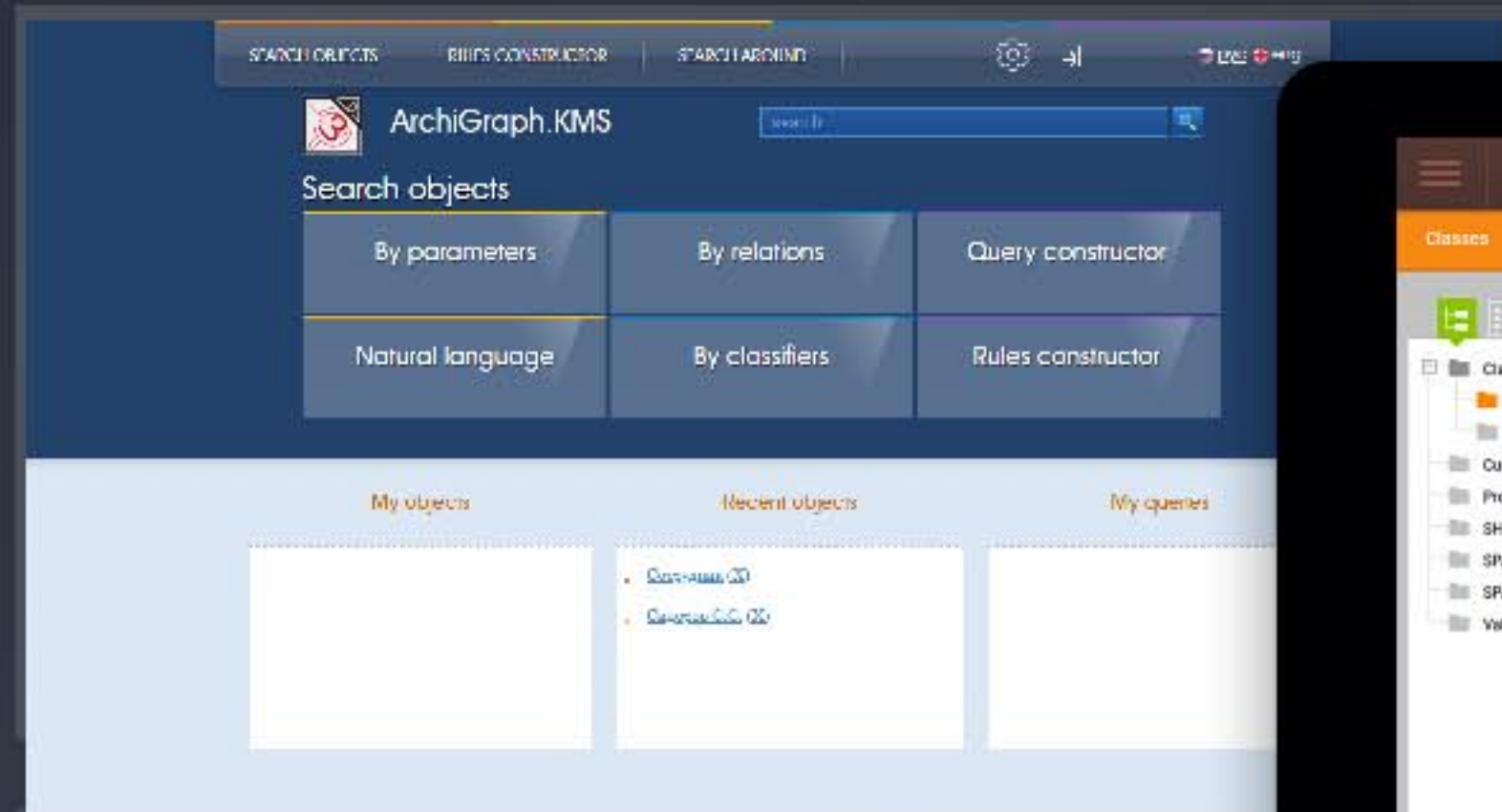
Ontologies are the key for successful solution in many use cases, including:

- integrating data reflecting different points of view on the same objects and events;
- seamless integration of the logically linked data from the disparate sources (a logical data mart);
- IoT and events data flows processing according the complex and changing rules;
- facts extraction from natural language texts;
- relations discovery and analysis in the big data arrays.

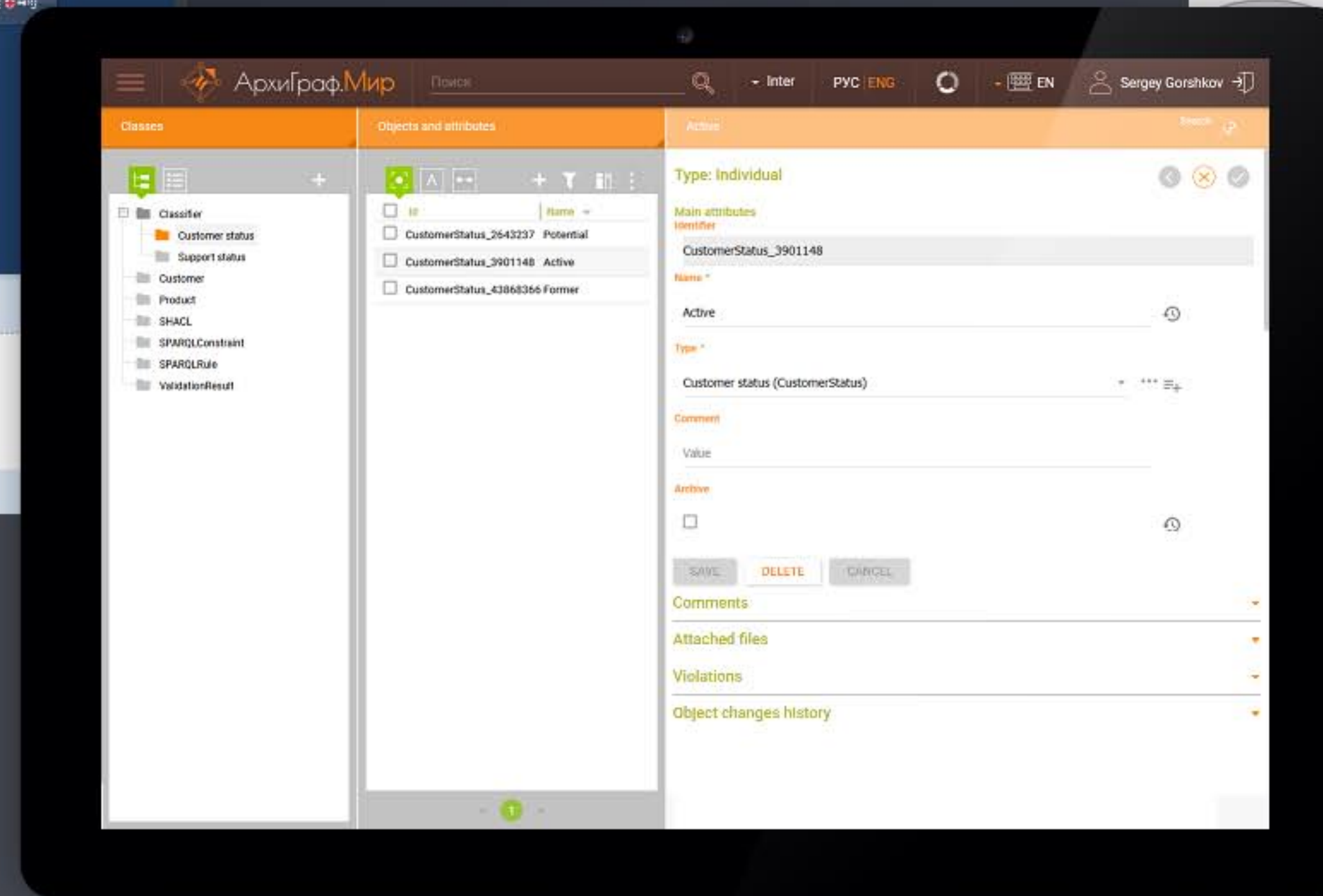
5

Complex data integration using middleware such as MDM and ESB

ArchiGraph.KMS Knowledge management system



ArchiGraph.Mir Ontology editor



ArchiGraph.MDM Data management platform

