



# Ontorion™ Server with SDK

## Semantic Knowledge Management Framework

**Ontorion™** is a Reasoning Knowledge Center that allows natural language, linked data (semantic) searches against Big Data and globally distributed databases. Ontorion™ better describes its powerful business value as a center at the intersection of Big Data, linked data, and knowledge management.

### *Semantic Web standards*

Ontorion™ supports major W3C Semantic Web standards: OWL2, SWRL, RDF, SPARQL. Ontologies can be easily imported from various formats, exported to various formats, and accessed with SPARQL.

### *Scalability & Security*

Ontorion™ Server can be deployed as a distributed cluster with multiple nodes for both scalability and security. With its multiple-node deployment system Ontorion™ serves thousands of simultaneous users, and it is more fault-tolerant.

### *Quick deployment*

Ontorion™ is a comprehensive solution for semantic database management. Simply install it, configure user access, and start authoring ontologies. There are tools for importing existing ontologies so the migration of current semantic archives is an easy process.

### *CNL embedded*

Controlled Natural Language allows users to easily manipulate and query knowledge databases in a 'natural language' fashion. It opens semantic.

### *Enterprise Integration*

Ontorion™ Server can be integrated easily with existing IT infrastructure, knowledge management solutions, data storage, and analytics systems, both in the cloud (Azure) and on-premise (Windows Server / Linux).

### *Professional Support*

Cognitum offers professional support, training, and services that will help build and deploy specific semantic solutions. We can assist you with ontology engineering and build custom applications. There is also a growing worldwide partner network.

*Ontorion™ answers the call of "I need to know now."*

**Ontorion™ has a wide range of uses. We can implement it as:**

- ✓ Infrastructure Management and Monitoring
- ✓ Business Process Modeling and Execution
- ✓ Semantic Enhanced Search
- ✓ Semantic Guidelines
- ✓ Financial Modeling and Query

**Ontorion uses distributed, scalable storage (Cassandra) and can be run on a multi-datacenter infrastructure. Azure deployment available.**



Customer API/endpoints enables Ontorion integration with customer applications: executing custom actions



Custom Authoring Application Web



Custom Enterprise Access Application Web and/or Desktop



Custom Browsing Application Web



**Ontorion**  
Semantic Information Management



**Cognitum** delivers high-end IT services in the area of **Software Development, Cloud Computing & Big Data** solutions as well as **Knowledge Management** tools and **Semantic Technologies**. We help organizations retain, manage and leverage their information assets, even unstructured and legacy with tailored software solutions and our semantic platform.

We build our strong competences within several technological areas:

- Cloud Solutions and tailored Business Applications
- Big Data processing and analysis
- Knowledge Management and Semantic Web
- Ontology Engineering
- Heterogeneous Data Acquisition & Analysis
- Formal Systems
- Cloud Computing and Cloud Testing

We are present on **several vertical markets** (industry, telco, health, government, legal services, e-commerce) and deliver services to customers from **many countries** around the world directly and with our **global partners**.

Our mission is to deliver high-end, scalable and future-ready solutions for data acquisition, storage, searching and processing. No matter how big or complex they are.

### Our Partners



Azure Circle  
Partner Company



DataStax Partner  
noSQL solutions



Mazovian ICT Cluster  
Member Partner



Warsaw University  
Joint Laboratory



Giza Venture Capital Group



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