

Semantic Technologies from ontoprise

# Company profile ontoprise GmbH

## know how to use Know-how

Ontoprise is the leading provider of industry-proven SemanticWeb infrastructure technologies and products used to support dynamic semantic information integration and information management processes at the enterprise level. With its mature and standards-based products ontoprise is delivering a key portion for the upcoming SemanticWeb. The company was founded in 1999 as a spin-off from Karlsruhe University, Germany to commercialize the technology that had by then already secured a leading position in the growing field of semantic technologies. ontoprise has developed a comprehensive product suite designed to support the deployment of semantic technologies in the enterprise.

## Industry-proven products

At the core of the ontoprise platform are the OntoBroker and OntoStudio middleware products. These products incorporate highly efficient inference engines, as well as a modeling environment for the development of ontologies. The company's SemanticGuide and Semantic MediaWiki+ applications represent broad enterprise deployment capabilities. The company's customer base is comprised of leading global industrial and services companies.

## The Information Challenge

Enterprises are increasingly challenged to effectively integrate a growing amount of information that often resides within disparate systems, while business conditions dictate more rapid analysis and decision making based on this information. The increased competitive pressures to shorten product cycles and time to market adds further complexity to organizations attempting to model and manage their information assets.



## Semantic Integration and Access

Semantic technologies enable the identification of more sophisticated information associations, allowing systems to infer relationships across datasets where they have not been explicitly defined, thus improving the quality of content management, information access, application interoperability and information integration.

Ontoprise's enterprise proven and patented technology provides a mature and very flexible platform for ontology-based applications that can support all relevant ontology and rules standards and be effectively operated by non-technical users.

# Our Application areas



## SemanticWeb Technologies

The ontoprise product-suite is the most comprehensive commercially available Semantic Web infrastructure. The highly-scalable products support all recommendations of the W<sub>3</sub>C for Semantic Web (OWL, RDF, RDFS, SPARQL), as well as the industry standard F-Logic.

With an integrated set of software products ontoprise covers all requirements for an ontology-development and operating environment. Ontoprise offers a complete Semantic Web infrastructure by delivering collaborative ontology-modeling, import and integration of many different models, schemas and structures and through the development of highly scalable products.

## Semantic MediaWiki+

Semantic MediaWiki+ (SMW+) is ontoprise's enterprise semantic wiki that makes it easy for your team to cope with knowledge-intensive processes and to exploit the knowledge locked in content. SMW+ combines a wiki's social authoring approach with proven semantic technology. This yields to a powerful tool which is business-ready for your organization.

If your organization or teams are dealing with content and informal workflows then SMW+ is the right choice!

## Semantic Business Analytics

Do you deal with the observance of rules, specifications, laws and regulations and notice that the underlying complexity of the relationships is increasing? Do you notice that conventional methods for the monitoring of technical facilities, for compliance management as well as for the analysis and prediction of mission-critical events often can't master the underlying complexity?

Then you should deal with Semantic Business Analytics. Through the representation of complex relationships in the form of simple rules and structures, you can get the correct conclusions from the available information.

## Service Resolution Management

Service Resolution Management means making your service organization fit for the future. Only through a consistent optimization of service processes major challenges such as market competition, rising costs, more complex products and processes can be mastered. Companies can no longer afford to re-solve already solved problems on customer site again.

The goal is to make knowledge available for all employees' usage. It should not be a concern whether this knowledge is in the mind of experts or in various IT systems.

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