

Teranode brings intelligent insight to life science and healthcare R&D teams enabling them to make better decisions, faster.

TERANODE®

Teranode Corporation
Seattle, WA
www.teranode.com

Industry:
Software and Services

Employees:
Fewer than 500

Oracle Products & Services:

Oracle Database 11g
Oracle Semantic Technologies
Oracle WebLogic Server

Key Benefits:

- Better information that provides new and intelligent insight
- Better organization through semantic connections
- Better decisions through powerful decision support capabilities

"Our customers are focused on the critical task of bringing as many drug candidates to market, as quickly as possible—so data and service security are paramount," said Joseph Duncan, CEO of Seattle-based Teranode Corporation. "Only Oracle offers the integration of Semantic Web capabilities with a scalable, secure relational database—a combination that is essential for us as we build the next generation of semantic-enabled solutions for life sciences and healthcare R&D."

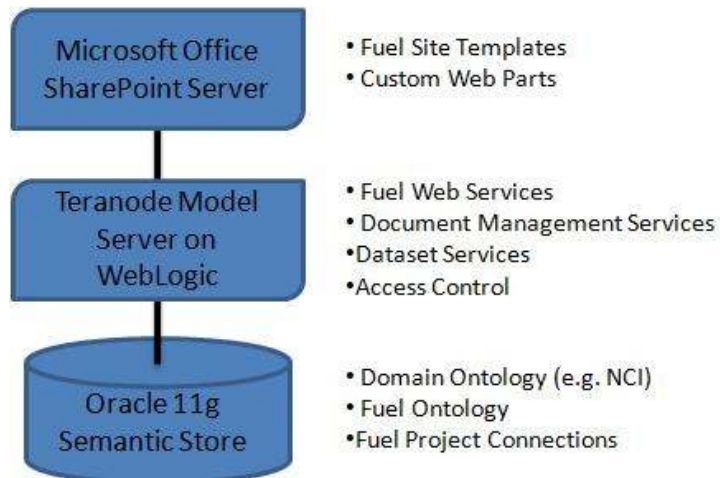
*Joseph Duncan
CEO and Chairman, Teranode*

Teranode Fuel is an R&D intelligence application that delivers new insight to Life Science and Healthcare teams. Fuel provides real-time aggregated information across projects and their subjects—including both unstructured and structured data—and automatically generates semantic connections between documents, data silos and subject area information. Additionally, Fuel's integrated decision support tools capture, track and view decisions as they are made. Teranode Fuel can be deployed quickly and easily over the Web—no buying servers or installing and supporting software.

Teranode chose Oracle Database 11g and Oracle WebLogic Application Server as a platform to build Fuel. Fuel uses Oracle Database 11g to store semantic meta data in managed ontologies, structured data in relational tables & views, and unstructured web content and documents. It then combines all the data to present real-time, customizable composite views of the information that utilizes scientific, business and research information together.

Teranode chose Oracle Database 11g due to its advanced semantic data management capabilities. Oracle Database 11g and WebLogic Application Server also provides high performance, security and scalability for Teranode's On Demand offering.

Implementation Architecture



What are Oracle Semantic Technologies?

As part of Oracle Spatial 11g, an option for Oracle Database 11g Enterprise Edition, Oracle delivers an advanced semantic data management capability not found in any other commercial or open source triple store. With native support for RDF/RDFS/OWL standards, this semantic data store enables application developers to benefit from an open, scalable, secure, integrated, efficient platform for RDF and OWL-based applications.

Teranode is an innovator of business intelligence, information integration and laboratory automation software and services for the LifeSciences and Healthcare markets. Teranode's award-winning tools empower both executives and researchers to make sound decisions with more speed and confidence. Today, Teranode products are used worldwide by leading pharmaceutical, biotechnology, research, and academic organizations including Pfizer, AstraZeneca, NIH Chemical Genomics Center, Merrimack Pharmaceuticals, Fred Hutchinson Cancer Research Center, and more.