



**BENTLEY SYSTEMS**  
Exton, Pennsylvania  
www.bentley.com

**INDUSTRY:**  
Infrastructure engineering and  
geospatial software

**EMPLOYEES:**  
2,800

**ORACLE PRODUCTS AND  
SERVICES:**  
Oracle Database  
Oracle Spatial

**KEY BENEFITS:**  
• Performance improvement

## Bentley Systems Supports Oracle Database 11g

“Enhancing our products to support Oracle Database 11g has yielded tremendous benefits and value for us and our users. Beyond the significant performance increases we realized, we have taken advantage of Oracle Spatial’s new annotation text [feature], as well as georaster, geometry, and topology data models to deliver great new product capabilities.” - Robert Mankowski, Director of Product Management, Geospatial, Bentley Systems, Inc.

Bentley delivers solutions for the entire lifecycle of infrastructure assets, and these solutions are tailored to the needs of the engineers, architects, planners, contractors, fabricators, IT managers, operators, and maintenance engineers who work on and maintain an asset over its lifetime. Comprised of integrated applications and services built on an open platform, each solution is designed to ensure that information flows seamlessly between workflow processes and project team members to enable interoperability and collaboration.

Bentley’s products are focused on sustaining the world’s infrastructure with extensive solutions for bridges, buildings, cadastre and land development, campuses, communications networks, electric and gas utilities, factories, mining and metals, oil and gas, power generation, rail and transit, roads, and water and wastewater. In all these fields, Bentley relies on Oracle Database and Oracle Spatial to provide the solid, scalable data repositories required for mission-critical infrastructure projects.

Bentley also provides wide-ranging geospatial solutions that support Oracle Spatial technology for both two-tier and three-tier enterprise implementations. Bentley is pleased to announce that Bentley Communications, Bentley Water, Bentley Electric, Bentley Map, Bentley Gas, Bentley Cadastre, Bentley Geospatial Server, and Bentley Geo Web Publisher are now all leveraging Oracle Database 11g in their latest releases.

Bentley gets enormous benefits from implementing its geospatial enterprise solutions with the unique capabilities of Oracle Spatial. Bentley Geospatial Server ships with a connector to Oracle Spatial 11g to support enterprise GIS implementations. Oracle Spatial is becoming a de facto industry standard for the storage of spatial data, and it is Bentley’s goal to support the standard industry technologies over proprietary and semiproprietary solutions. Enterprise solutions in today’s world must be open and



interoperable in order to deliver maximum efficiency to IT organizations and end users, and together, Bentley and Oracle deliver open, flexible, and interoperable geospatial and infrastructure engineering solutions.

Oracle Spatial offers support for the geometry, topology, and georaster data models. The new annotation text feature, approved by the Open Geospatial Consortium, allows advanced interoperability between different vendors. Bentley is proud to be one of the first organizations to leverage this capability in all of its geospatial products. This functionality is critical—it helps our users achieve greater interoperability in the planning, building, and operation on their infrastructures assets.

Ongoing cooperation between Bentley and Oracle will help asset owner-operators, consulting engineers, and engineering contractors maximize their efficiency by using enterprise software solutions to support the lifecycle of their infrastructure assets.

#### About Bentley Systems, Inc.

Bentley is a global leader dedicated to providing comprehensive software solutions for sustaining infrastructure. Architects, engineers, constructors, and asset owner-operators are indispensable in improving our world and our quality of life. The company's mission is to improve the performance of their projects and of the assets they design, build, and operate. Bentley sustains the infrastructure professions by helping to leverage information technology, best practices, and global collaboration—and by promoting careers devoted to this crucial work. Founded in 1984, Bentley has more than 2,800 colleagues; offices in more than 50 countries; annual revenues surpassing US\$500 million; and since 1993, it has invested more than US\$1 billion in research, development, and acquisitions.