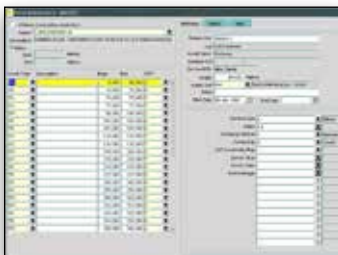




## Bentley Exor Asset Manager

Cost Effective and Comprehensive Lifecycle Management of Public Assets

Bentley Exor Asset Manager is used by highway and transportation organizations to manage their investments in public infrastructure in a single, integrated database containing asset features, condition, valuation, and locational information. The software enables the cost-effective, lifecycle management of public assets either commonly located or associated with road, railway, and water networks.



Define and maintain user-defined assets and attributes.

### Asset Inventory Database Enables Integrated Management of Assets and Associated Attributes

Fully flexible and user-definable, Exor Asset Manager enables a full range of assets and associated attributes to be modeled and managed in an integrated fashion. These can include everything from signs, guardrails, pavement surface, street markings, and street lighting to culverts, traffic signals, and bridges. The software provides an asset inventory database that is both spatially and network referenced.

*Exor Asset Manager enables a full range of assets and associated attributes to be modeled and managed in an integrated fashion.*

### Offers Reporting by Condition or Level of Service for Maximum Flexibility

Using the linear referencing capabilities inherent in the Exor Network Manager product, Exor Asset Manager provides support for managing assets based on their physical locations along the infrastructure network. Different asset classes can be analyzed by individual network segment or by an entire network class, such as state or local roads, to provide flexible reporting of condition, level of service, and valuation.

### Multiple Linear Referencing Methods Enable Management of Linear and Non-Linear Assets

Exor Asset Manager provides support for hierarchical, polygonal, and nonlinear assets, such as bridge substructures, parks, properties, and buildings. Assets can be located against the linear network using a variety of linear referencing methods including route and offset as well as route and marker post. Regardless of how the asset is initially located, it can be viewed and retrieved using other linear referencing methods

deployed. GPS coordinates can also be stored against each asset, with the asset's location automatically referenced to the underlying network – a process known as netcoding.

### Tight Integration Facilitates Asset Management in a Visual Map Based Environment

Exor Asset Manager takes advantage of map display, spatial query, and geography-based reporting through a tight integration of the database and the spatial database. Adding the Exor Spatial Manager product allows assets to be edited and managed in a map environment. Assets can be queried and grouped by geography for reporting purposes, and color-coded thematic maps can be produced.

### Provides Historical Record of Asset Changes to Support Increased Budget Requests

Exor Asset Manager provides a full maintenance history against each asset in the database. By back-dating query requests, a complete historical record of all changes to assets (such as condition or relocation), additions to the network (such as a new subdivision on a highway network), and work activities performed on assets (such as resurfacing) can be created. This technique can be used to track changes over time, and can help justify the need for additional maintenance budgets.



Access precise engineering information directly from the map.

## Technical Requirements

### Application Server Specification:

As recommended by Oracle for 10g Application Server

### Processor:

3.0 GHz Intel Pentium Processor

### Memory /RAM:

Minimum 4 GB based on 75 active users)

### OS:

Windows Server 2000, 2003, 2008R2, Unix

### Database Server Specification:

As recommended by Oracle for 10g Database Server

### Processor:

3 GHz Intel / UltraSPARC

### Memory /RAM:

4 GB + (Swap space double the size of RAM)

### OS:

Solaris 8 / 9 / 10, Windows Server 2000, 2003, 2008R2

Find out about Bentley at: [www.bentley.com](http://www.bentley.com)

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## Bentley Asset Manager At-A-Glance

### Among the features found in Bentley Exor Asset Manager are:

- A fully flexible data model
- Dynamic data validation
- Cross attribute validation
- Cross item validation
- 'External' assets
- Off network assets
- Point, line, and polygon assets
- A full history of asset updates
- An open API

### Data Quality

- Provides definable pick lists for specific attributes
- Enables minimum and maximum allowable values for numeric attributes
- Offers cross attribute validation rules

### Locations

- Locate assets using the preferred linear referencing method
- Generate spatial data dynamically based upon location
- Locate an asset on multiple networks, for example shared assets
- Define polygons to represent an asset

### External Assets

- View asset data stored in external systems
- Report on and integrate asset data stored in external systems

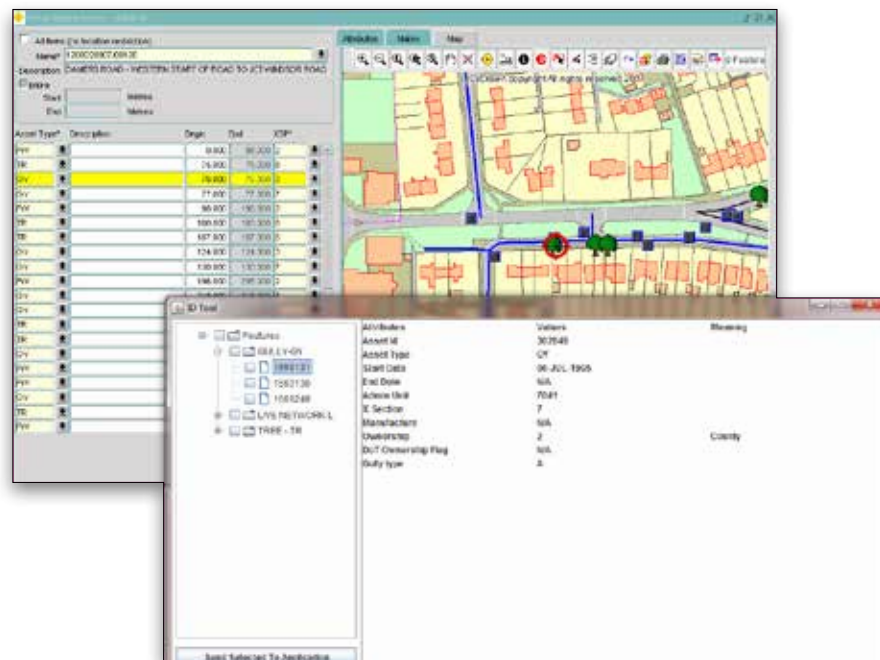
### Query, View, and Maintain

- Maintain asset attribute values and locations within a map-enabled environment
- Query assets using the preferred linear reference method

- View asset locations using the preferred linear referencing method
- Segment the network dynamically by slicing and dicing assets to create homogeneous sections of the network based on common attribution
- Provide bulk update attribute values based on geographical location

### Asset Modeling

- Model any asset type
- Define attributes specific to an asset type
- Define asset hierarchies
- Assign asset types for specific allowable networks



Work with integrated asset information using multiple means, including maps.