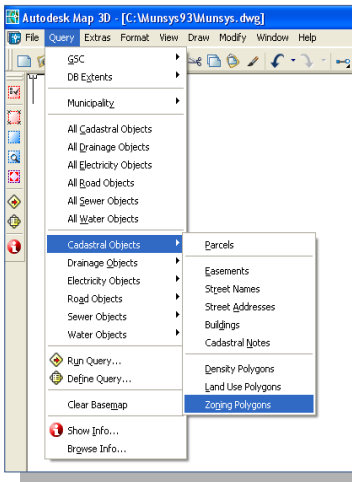


**Munsys Query** gives engineers direct access to the latest GIS information from within a familiar CAD environment. The same seamless Oracle database that is used by the GIS users can be accessed directly (read only) to create CAD drawings containing the latest spatial and attribute information. This information can then be manipulated for design purposes using standard AutoCAD functionality.

## Familiar Munsys Interface

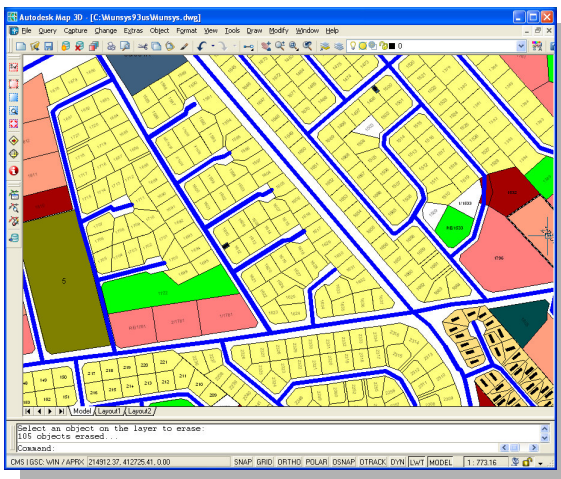


**Munsys Query** uses the same easy-to-use interface as the standard Munsys applications. Including a customizable menu, standard GIS queries, attribute templates for viewing related attribute information as well as the **Query** and **Info Palettes**.

Typically, engineers would have to request a copy of the spatial information they require to use as a backdrop for their design. In the past,

major difficulties have been experienced with this process because the engineer's copy of the data is very soon outdated.

With **Munsys Query**, engineering users can now have real-time access to current information in a central database without the need for extensive data conversion processes, thereby improving efficiency and data currency without wasted effort in data duplication.



## Direct access to any Oracle Spatial data

Administrators often face a challenge in sharing spatial information from multiple sources, using separate Oracle schemas, with users in other departments. For example, some of the Oracle Spatial tables might be created in one schema for use by AutoCAD Map, in another schema for use by ESRI, and in a third schema for use by Munsys.

With **Munsys Query**, the administrator can define spatial views on tables that contain SDO\_GEOMETRY data in any schema. The standard Munsys query functions can then be used to create maps of this data and also to store query formatting parameters, while various applications are used to create and maintain the spatial data.

## Support for Object Data

During the design process, engineers would typically require access to attribute information. When using **Munsys Query** on AutoCAD Map or Civil 3D, the GIS data can also be queried as CAD entities that include Object Data.

This is especially important when a user needs to export a selected section of data to proprietary data formats or legacy design modeling software.

## Features

- Direct access to a central Oracle Spatial Database.
- Uses the same familiar user interface, queries and attribute templates as the standard Munsys applications
- Users can easily format display properties directly from the database
- Runs on the full AutoCAD family of products

## Benefits

- Users can create spatial views of tables in different schemas with ease.
- Attribute information can be queried as Object Data.
- Engineers have access to current data using a familiar CAD interface.
- No wasted time and effort on data exports and conversion.
- Direct access to Oracle Spatial data from multiple sources and across multiple schemas.
- Easily include the latest attribute information in current projects as Object Data.
- Reduced training and support costs as edit and query user share the same user interface.

## The Munsys product family

- **System management**
  - Management Console
  - Archive
  - Monitor
- **Asset creation and management**
  - Cadastral
  - Drainage
  - Electricity
  - Roads
  - Sewer
  - Water
  - Spatial Data Manager
  - Map Books
- **Information distribution**
  - Query
  - Flexmaps

### System requirements (including the latest available service packs)

- **Operating system**
  - Windows® XP Pro
  - Windows® Vista
  - Windows® 7
- **Oracle database**
  - Oracle® 10g
  - Oracle® 11g
- **AutoCAD products**
  - AutoCAD®
  - AutoCAD® Civil 3D
  - AutoCAD® Map 3D

# munsys

*Munsys bridges the gap between Engineering and GIS by providing a central open database design that can be used by both CAD and GIS applications.*

*The Munsys product family addresses key organizational needs for integration, system administration, asset management, and web distribution.*

We are spatial information experts with the skills and experience to enhance business practices through our industry-leading technologies, solutions and knowledge.

Our expertise enables government and utilities to create, maintain, consume and distribute spatial information in more effective ways.

Whether your data is on paper, in CAD, spreadsheets, databases or GIS, we can help you realize the full benefit of this information.