

Leica ADE Remote Fact Sheet

Business Benefits

Leica ADE Remote provides a highly competitive solution for editing Oracle geometries. The support for Oracle geometries reduces database layer costs, and increases an organizations investment. Leica ADE Remote offers rich, secure and flexible spatial and operational management for field force operations which require location and business data capture and maintenance.

Leica ADE Remote supports enterprise business rules (including topological) in real-time and disconnected modes to ensure data integrity in all aspects of data capture. Location information and spatial feature changes made in the field will be topologically valid (no post processing of data is required). This level of efficient real-time data capture dramatically reduces data maintenance costs: one update process, lower labor costs and lower application costs (web versus desktop).

Leica ADE Remote, an extension to Leica ADE Enterprise provides the office-based (connected) ADE user and the field based (disconnected) user with a common software platform. With Leica ADE Remote both connected and disconnected users have exactly the same functionality available to them. Operate in the field exactly the same way you do in the office.

Business benefits include:

- Low cost powerful solution
- Highly scalable
- Single product for connected, disconnected and occasionally connected users
- Same software functionality available to all users
- One application deployed for enterprise and remote users
- Simple and easy to use
- Deployable in one, two or three tier architectures (complete flexibility)
- Complete integration with Oracle 10g technology platform
- Single development environment for desktop and remote applications
- Low training costs (common user interface)
- Minimum software management costs (one product to manage)
- Easily customized

Key Features

Oracle 8i/9i/10g Locator geometries and interMedia support:

Leica ADE Remote supports connected and disconnected editing of Oracle 9i/10g Locator geometries and attribute data, with support for the display of high resolution imagery stored Oracle interMedia. Also support integration with WMS services

Dynamic Topology: Leica ADE Remote can control the automatic segmentation (splitting) of crossing features. If features inadvertently cross themselves or other features, ADE will split them at the points of intersection and create all relevant objects and relationships.

Polygon Editing: Leica ADE Remote boasts a powerful set of polygon editing tools that support topological maintenance of polygonal geometries. Spatial contiguity maintenance is also supported.

Attribute Engine: Leica ADE Remote includes a comprehensive set of attribute editing capabilities, including automated data validation.

Imagery: Leica ADE Remote supports the backdrop of multiple imagery layers in multiple formats. Full support is provided for Oracle's interMedia.

Global Positioning System (GPS): Leica ADE Remote provides powerful integration for optional GPS and differential GPS (DGPS) receivers for real time data capture. Leica ADE Remote provides navigation and data capture support for common GPS receivers that support NMEA (National Maritime Electronics Association) protocols.

Requirements Edition

Operating Systems:

- Microsoft Windows NT 4, 2000, XP.
- Sun Solaris (Sparc/Intel)
- Unix
- Linux (Intel)
- HP-UX

Database:

- Oracle Database 8i/9i/10g with Oracle Locator

Client Software:

- NO OTHER CLIENT SOFTWARE IS REQUIRED.

Requirements for Web Capability

Operating Systems:

- Microsoft Windows NT 4, 2000, XP.
- Sun Solaris (Sparc/Intel)
- Unix
- Linux (Intel)
- HP-UX

Database:

- Oracle Database 8i/9i/10g with Oracle Locator

Application Server:

- (For ADE Web capability) Oracle Application Server 9i (9.0.4.0.0) or better. ADE supports a standalone OC4J installation as well as the full enterprise Oracle Application Server.

Client:

- NO OTHER CLIENT SOFTWARE IS REQUIRED.

Licensing

Designed for low cost Oracle Locator geometry editing, Leica ADE Remote is an extension of the Leica ADE product suite. Leica ADE Remote is licensed as a standalone application (one and two tier architectures) or as named users (three tier architectures). In one and two tier architectures you can purchase a single Leica ADE Remote license and add more afterwards as required. For three tier architectures, Leica ADE Remote requires a separate installation of an ADE Server for Oracle license. For more information on licensing please contact leicaade@gi.leica-geosystems.com.