

Carmenta Engine Lite

Mapping for handheld devices and networked applications

Carmenta Engine Lite is a professional toolkit for building wireless GIS applications. With its proven architecture, Carmenta Engine Lite enables rapid application development of interactive location-based services that run on handheld computers, PDAs and cell phones. Carmenta Engine Lite can use a combination of local GIS data and map layers that are accessed via a remote server.

For wireless applications, the use of location based data is a vital issue. Personnel working in the field need to know their current position and obtain updated information about mobile and fixed assets. It is essential that users are able to access data stored in the organization's central database servers, while also being able to continue to work locally, even when communication is disconnected.

Carmenta Engine Lite is the ideal tool for the development of mobile location based applications. Integrated with other products in the Carmenta family, it provides an excellent foundation for robust and reliable wireless GIS.

Carmenta Engine Lite is based on the proven Carmenta Engine technology, but has been optimized to run on limited hardware.

Applications

Carmenta Engine Lite can be used to develop a wide range of applications on a variety of handheld devices using .NET Compact Framework, and on ruggedized or vehicle mounted computers using Java™ Standard Edition or .NET.

- Field Staff - collects and updates geographic information in the field
- Public Safety – displays maps and real-time information showing incidents and emergency response vehicles
- Military/Defense – interactive mobile situation displays
- Sales & Marketing – displays information about new and existing customers, sales areas, etc.
- Service & Maintenance – presents data concerning mobile and fixed assets, location of repairs, etc.



Powerful toolkit

Carmenta Engine Lite is a compact yet powerful toolkit, for developers of geographic applications, which targets smart devices like cell phones and handheld computers. It contains a carefully chosen subset of Carmenta Engine functionality that has been carefully optimized for simple hardware platforms.

Benefits

- One tool, many platforms - Carmenta Engine Lite is the most efficient multi-platform development tool for mobile GIS applications.
- Rapid application development - The Carmenta Engine Development Environment is well-known for its efficiency, leading to lower costs for application development.
- Robust and proven architecture - Carmenta Engine Lite uses the same data model and architecture as Carmenta Engine for PC/Windows, which has been used in numerous mission-critical GIS applications for more than ten years.
- Seamless solutions - Carmenta Engine Lite provides seamless integration with a Carmenta Server, to synchronize location based information with the server in real time.

For further information, please contact Carmenta.