



SMART
MOBILITY

SIDERA OPEN PLATFORM SOFTWARE

SIDERA Open Platform (OP) software, developed by SICE and based in Wonderware, is an advanced traffic management system software that allows the transportation management centers (TMCs) to control and monitor roadside equipment and incidents with the purpose of:

- Facilitating traffic and incident management
- Providing surveillance, security and emergency management
- Disseminating traveler information to the motoring public
- Exchanging critical information among agencies
- Collecting and reporting data regarding the operation an performance of roadways
- Facilitating Electrical and mechanical management system

SIDERA OP provides a single & unified platform for all the SCADA, Supervisory HMI, and Production and Performance Management needs of industrial automation and information personnel. It also provides a common and strategic industrial application services platform on top of virtually of any existing system, and it is built upon the industry-standards.

SIDERA-OP CHARACTERISTICS

SIDERA OP's main characteristics are:

- Real-time highly contextualized information:
 - Unifying and arming control operators
 - Maintenance personnel
 - IT professionals
 - Access control
 - Urban and road tunnels
 - Administration & technical buildings
- Easy operation and display:
 - Visualization systems under one user friendly, and integrated environment.
 - Faster analysis and improved operator effectiveness.
 - Intelligent user interfaces involving standardization and consistency.

SIDERA OP controls all installed on-site equipment; it manages events, alerts and data collection, ensuring a rapid response to incidents across the operations center

MAIN ADVANTAGES

Optimization of tunnel management by standardizing on time- and cost-saving techniques that increase efficiency and reduce excessive customization of applications.

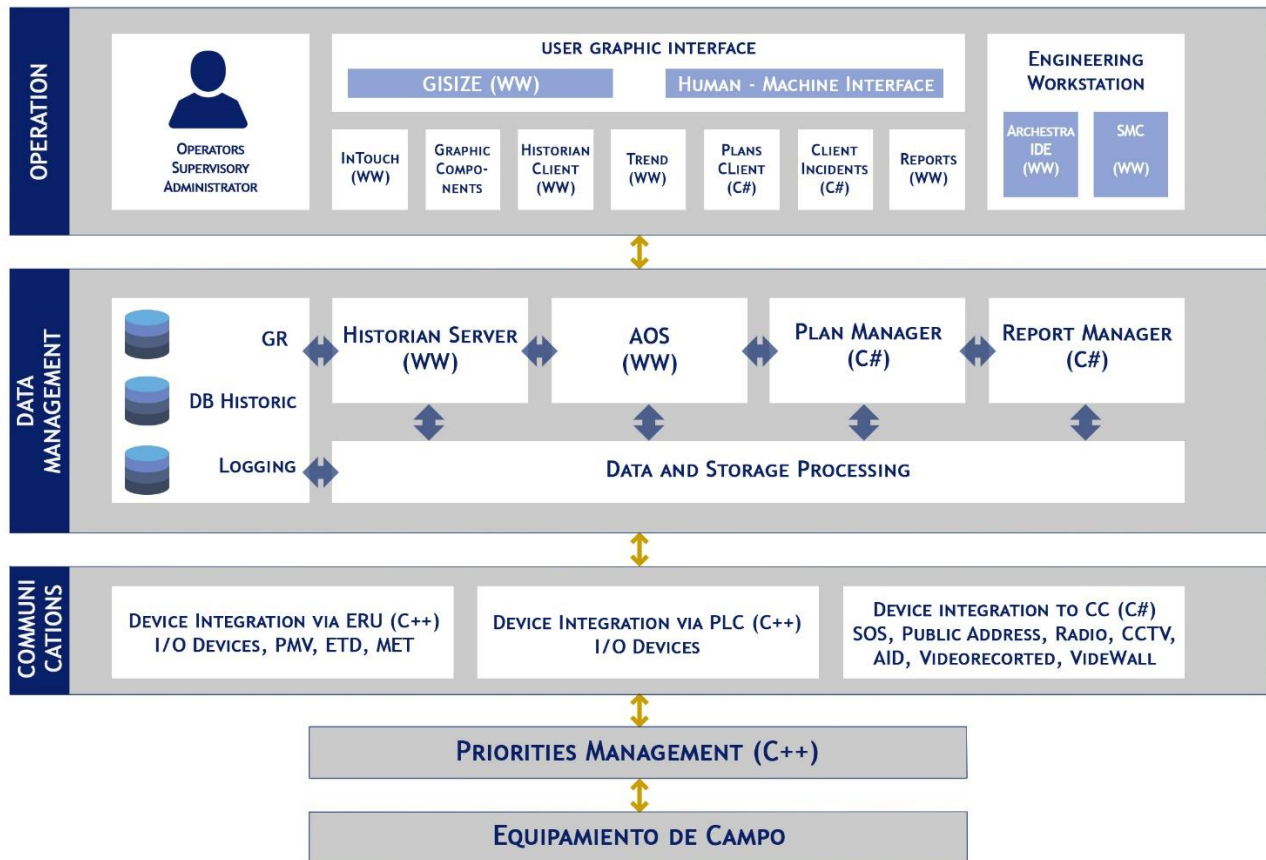
Provision of valuable tools for traffic data and operational performance improvements: Reduction of the amount of project-specific work required to develop information and automation applications that integrate entire operational tunnels.

Provision of a comprehensive set of services and capabilities to enable a tunnel controlling that includes all of the necessary functions needed by any control center application solution

Simplification of Performance Management for traffic and tunnel operation activities:

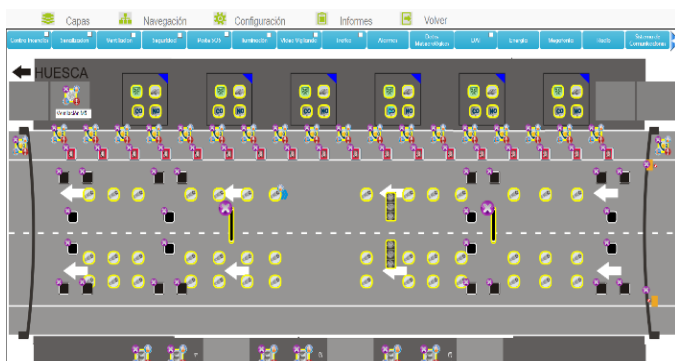
- Recording of actual performance.
- Identifying deviations from targets.
- Generating KPIs.
- Tools for notification, visualization and analysis.
- Visualization of performance data in a production context.

SIDERA-OP ARCHITECTURE



MAIN SERVICES

SIDERA OP contains an integral core set of capabilities and services to support production and operations performance improvement via a comprehensive set of five capability areas:



- Industrial domain services
- Software and device connectivity services
- Information and data management services.
- Application development services.
- System management and extensibility services.

INTEGRATION SERVERS

SIDERA OP device integration strategy links virtually every tunnel device and source data, easily and very cost-effectively. Integrating a wide spectrum of different devices and systems with supervisory HMI and history data storage has never been easier.

Rather than designing connectivity around just one vendor line of PLCs or devices like many major HMI brands, SIDERA OP Integration Server software is hardware independent, so it offers the flexibility to connect to any device or PLC with a uniform, intuitive interface efficiently and hassle free.

