

Traffic Management

Stratos

Siemens proven traffic management systems have been integrated to create Stratos, the most effective solution available today. Developed using the latest cloud-based technology, Stratos delivers scalable real-time traffic management, information and control, ranging from basic monitoring to strategic control of complex urban traffic environments. Stratos offers the complete solution for Strategic traffic management, Journey Time Monitoring, Variable Message Signs, Car Park and Incident management.

Reduced Total Cost of Ownership

Stratos is a hosted (cloud based) solution, meaning there is no need for dedicated servers or client machines, which in turn means no capital cost, depreciation of assets or ongoing hardware maintenance costs.

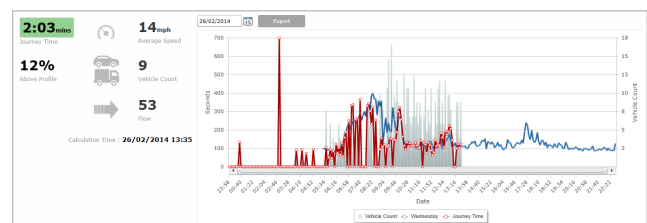
Highly Resilient

Stratos uses the very latest in information technology infrastructure to deliver a highly resilient, redundant and scalable solution as standard.

The system delivers a range of different application modules and will continue to extend to provide a complete solution for all your traffic management, control and monitoring requirements.

Journey Time Management

Real time journey information is an essential element of any traffic management system and invaluable to the operator in a traffic control centre to ensure optimal network operation. ANPR cameras, Bluetooth detectors, SCOOT loops and links to third party systems all contribute to the rich source of information which can be integrated and used for traffic management within Stratos.



Variable Message Signs

Real time information displayed to drivers through variable message signs is a key component of effective network management, allowing road users to avoid incidents and delays, as well as easily find vacant parking spaces.

Stratos includes comprehensive legend management for signs with messages categorised by size and type. Signs can be set automatically based on pre-determined strategies and the intuitive user interface enables individual or multiple signs to be set quickly, minimising delay in publishing information.

Car Parks

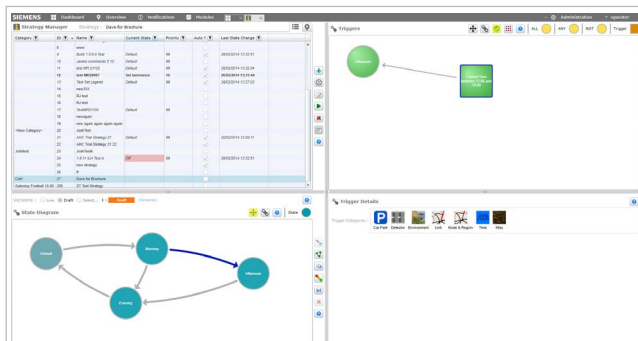
The car park management module of Stratos continually analyses the number of free spaces in each car park, automatically determining the most appropriate messages to be displayed on your variable message signs.



This information is automatically integrated within the wider system for Traffic Managers and is available for use by third party systems as well as for analysis of car park performance and related congestion.

Strategic Network Management

Stratos provides effective strategic management using visual “drag and drop” methodology. Strategies can be created quickly and effectively to manage the most complex conditions with minimal effort. Using multiple states, with varying priority levels, it is now possible to completely automate routine network management with confidence using Stratos.

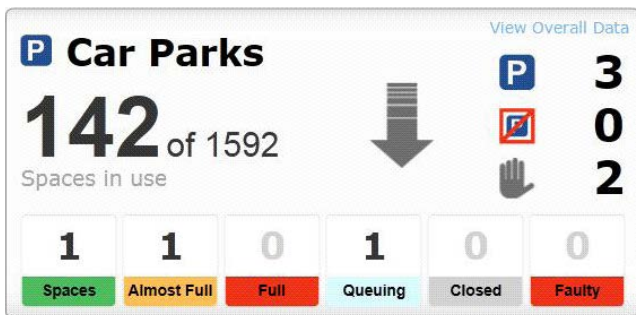


The retention of historic versions of your strategies provides complete confidence when evaluating new ideas or methods of control, allowing easy fallback to a previous version if required.

With integration to external systems using industry standard UTMC interfacing, Stratos seamlessly manages the complete network, sharing information with other stakeholders and ensuring trouble free journeys for network users.

Dashboards

A range of dashboards provide stakeholders with a quick overview of the network status.



Incident Management

New workflows and built in comprehensive audit trails streamline the handling process of incidents and accidents. Connections to external data sources provide valuable information for roadworks, incidents and events.

System Requirements

There is no need for a dedicated client machine, Stratos can be accessed from any computer with an internet connection and a web browser with the freely available Microsoft Silverlight plug-in installed.

For best user experience a Full-HD display (1920x1080) is recommended.

Flexible Deployment Options

Stratos is primarily designed as a hosted solution managed and supported by Siemens. Where complete hardware control is required it can also be deployed on dedicated customer hardware, providing a robust and cost effective solution.

Regular Software Updates

There is no need to wait for a visit from a support engineer to get the latest version. Regular software updates are planned and along with service releases these are rolled out at off peak times to minimise disruption.

Coming Soon

Keep the public informed of the status of your traffic network using the updated Emerge application; add links and data feeds for related mobility information quickly and easily.

Keep control of your network from wherever you are, Stratos Monitoring will build on the rich heritage of Siemens RMS to bring data to life whilst Stratos Control will use the best of PC-Scout and bring a brand new user experience to enable you to effectively control your network.

Siemens Infrastructure & Cities

Traffic Solutions

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