

SIEMENS

Ingenuity for life



Services for road traffic

Efficiency. Sustainability. Cost-effectiveness.

[siemens.com/traffic](https://www.siemens.com/traffic)



A comprehensive modular service portfolio for all your needs:



The expertise of a global market leader:
Your partner for solutions and services for road traffic.

Climate protection is a key issue of our times. Air pollution keeps increasing. Traffic volumes are growing. And the costs continue to rise. One of the key challenges is the provision of sustainable and cost-effective means of mobility. Siemens Mobility is developing innovative solutions that will help you do just that.

Strategy for urban transport

Whether hardware or software, road traffic engineering or strategic management and coordination – as a world leader in transport technology Siemens Mobility can build on almost 100 years of experience in implementing cutting-edge technologies. Intelligent traffic management software, flexible traffic controllers or intelligent detectors: our ITS portfolio includes everything a modern city needs. Siemens Mobility delivers projects of any scope and complexity, from customized support measures to complex development projects for extensive metropolitan areas.

A wide range of services that meet all your requirements

With Siemens Mobility, you benefit from service offerings that are just as custom-tailored as our systems and products, and as perfectly coordinated. We deliver solutions for urban and long-distance transport as well as for toll systems or intelligent street lighting.

The wide service portfolio of Siemens Mobility offers everything you need for smooth operations: from maintenance services right through to know-how services and training.

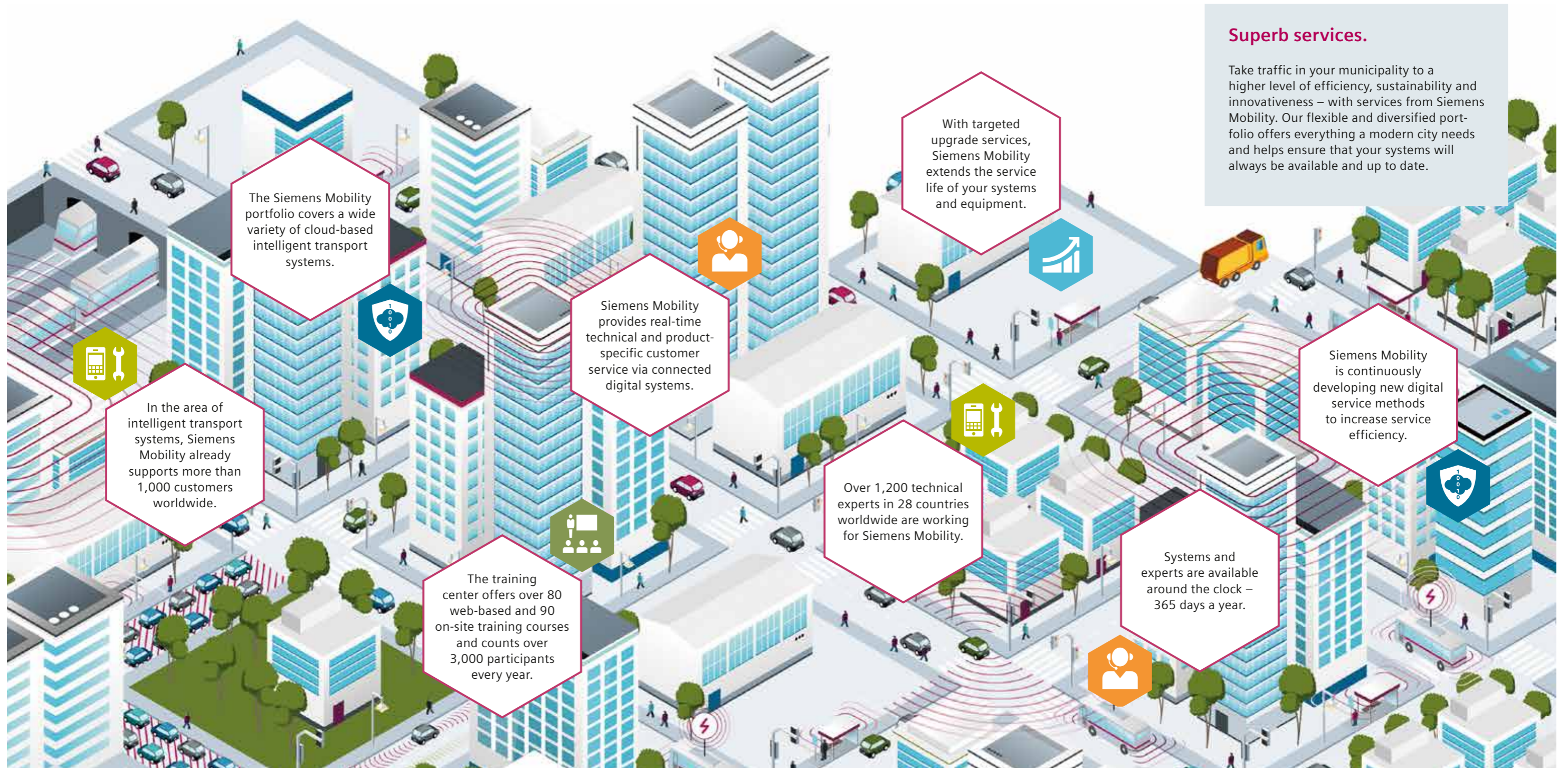
Modular service concept – supported by specialists

The comprehensive service portfolio of Siemens Mobility provides you with direct access to experts specializing in the most diverse range of areas. Service operators offer you proactive network monitoring and system diagnostics. Experienced service technicians respond immediately in the case of malfunctions and carry out detailed error analyses. Engineers develop a traffic and network management system tailored to your traffic control needs, and are available for expert system support and meticulous configuration. Software engineers from the development and operations (DevOps) department take care of continually enhancing the software for hosted environments.



Flexible services for all your requirements – from repairs to comprehensive support.

A wide range of services: Custom-tailored to your requirements.



Superb services.

Take traffic in your municipality to a higher level of efficiency, sustainability and innovativeness – with services from Siemens Mobility. Our flexible and diversified portfolio offers everything a modern city needs and helps ensure that your systems will always be available and up to date.

The Siemens Mobility portfolio covers a wide variety of cloud-based intelligent transport systems.

In the area of intelligent transport systems, Siemens Mobility already supports more than 1,000 customers worldwide.

The training center offers over 80 web-based and 90 on-site training courses and counts over 3,000 participants every year.

Siemens Mobility provides real-time technical and product-specific customer service via connected digital systems.

Over 1,200 technical experts in 28 countries worldwide are working for Siemens Mobility.

With targeted upgrade services, Siemens Mobility extends the service life of your systems and equipment.

Systems and experts are available around the clock – 365 days a year.

Siemens Mobility is continuously developing new digital service methods to increase service efficiency.

Maintenance Services: Extend the lifecycle of your systems.

With solutions from Siemens Mobility, you have chosen an intelligent way of controlling growing traffic volumes. Why not benefit from our maintenance services to optimize the lifecycle costs of your systems? Whether corrective, preventive or predictive – we offer the right service package for your specific requirements.

Always there for you

Thanks to state-of-the-art remote maintenance, fast logistics processes and distributed service centers, our services are available 24/7. You can either subscribe to a system maintenance contract or make use of our on-call maintenance service. One thing is certain: Service provision by Siemens Mobility does not end with commissioning, but will accompany your systems “for life”.

Longer lifecycle

Think ahead: System care provided by an experienced and reliable partner equals cost reduction. By ensuring that your hardware and software are always state-of-the-art, these services will help you prevent any future obsolescence issues of your traffic systems. And already today, you benefit from numerous advantages: continuously updated systems, maximum planning reliability and a firm grip on costs.

Always up-to-date with maintenance services from Siemens Mobility

The transparent scope of maintenance measures guarantees availability around the clock and minimizes risks:

- **Corrective Maintenance:** Experienced system experts provide short- and long-term troubleshooting
- **Preventive Maintenance:** Defined check-ups executed at regular intervals
- **On-call Assistant:** Fast response to your service requests

Operation Services: For maximum system availability and optimum quality.

With our modular service concept (ITS Service Landscape) you can optimize and tailor technical operations exactly to your needs. This targeted expansion of your processes will allow you to make better use of available capacity. The result: high performance even in exceptional circumstances.

Optimum spare parts supply for road traffic systems

You need a special spare part delivered as soon as possible? No problem! The specialists from Siemens Mobility will provide exactly the part needed – quickly, reliably and at affordable costs. Usually within 24 hours across the European Union. 365 days a year, 7 days a week!

Modular service offer

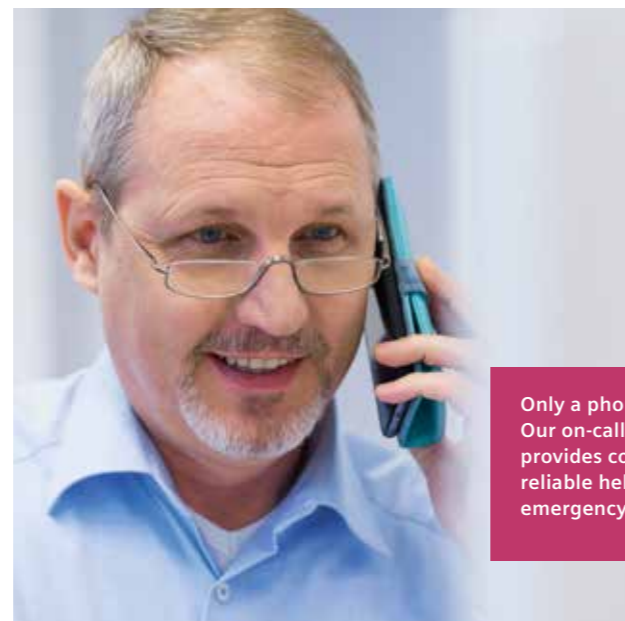
Do you wish to receive regular reports and statistics regarding your ITS infrastructure? Or would you like to achieve continuous monitoring and control of the traffic situation in your city? No matter what challenges you are facing, the modular Siemens Mobility service portfolio offers the right solution for your requirements.

High performance ensured by operation services from Siemens Mobility

How to maintain system availability and quality even in exceptional operational circumstances:

- **Operations Management:** Call center services and service process management
- **Reports & Statistics:** Continuous monitoring of performance indicators
- **Spare Parts Management:** Fast, reliable and cost-effective spare parts delivery
- **Network Management:** Seamless identification of traffic events and incidents
- **Infrastructure Monitoring:** Supervision of your traffic engineering systems

Maintenance Services

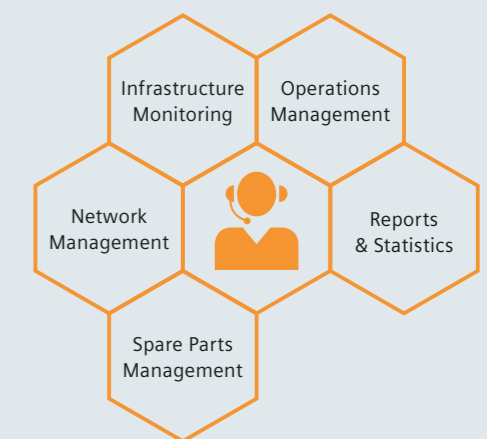


Only a phone call away: Our on-call support provides competent and reliable help in any emergency.



Guaranteed response times: Thanks to distributed service bases, Siemens Mobility technicians always arrive quickly on site.

Operation Services



Digital Services: Intelligent services for your traffic systems.

Digital systems draw on data from products and processes to provide you with valuable additional information that will support the continuous improvement of your traffic infrastructure systems. Our Digital Services are based on the powerful Siemens Mobility platform architecture, which serves already more than 300,000 devices and systems.

Targeted data use for optimized performance

Innovative technologies and digital services such as remote interventions via the common Remote Service Platform (cRSP), or Smart Light Management, Smart Guidance and Smart Access allow you to increase your systems' reliability, availability and cost-effectiveness and to detect problems even before they become manifest. The data is analyzed and processed intelligently to supply and optimize your traffic systems. The holistic in-depth security concept of Siemens Mobility reliably protects your systems against IT manipulation.

Innovative and dependable – digital services from Siemens Mobility

Cost reduction thanks to predictive maintenance and efficient operation:

- **ITS as a Service:** Traffic control center comprising the Traffic Control, Traffic Management and Parking Guidance function modules
- **Digital Security:** Development of a security management system that will increase the reliability of your IT system and protect it against unauthorized access
- **Remote Services:** Secure data connection for fast analysis and correction of problems arising on site
- **Emergency Services:** Recovery procedures for your data as back-up
- **Health Check:** System optimization and regular benchmarking
- **Data Services:** Collecting, processing and provision of data as well as operation of data applications such as MDM connection, traffic dashboards and quality analyses

Upgrade Services: Modernization boosts efficiency and lowers costs.

Increased energy efficiency, enhanced convenience, improved reliability – there are many good reasons for modernizing, expanding and overhauling your infrastructure. This does not necessarily involve buying new systems and equipment. Quite often, used or even outdated technology can form the basis of a new solution. A sustainable and cost-efficient alternative!

Service life extended, resources saved

Upgrade Services from Siemens Mobility substantially lengthen the service life of your mobility systems through targeted modernization of existing components. For instance, environment-friendly technologies at the state of technology can be implemented to improve overall energy efficiency.

Custom-tailored consulting services

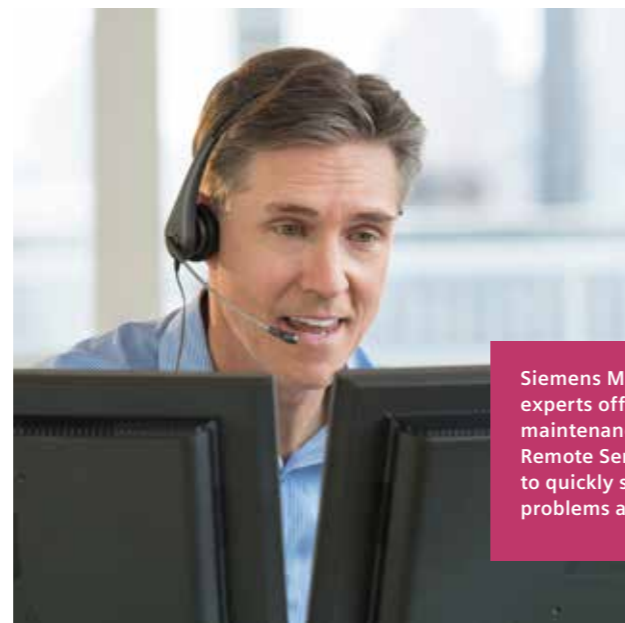
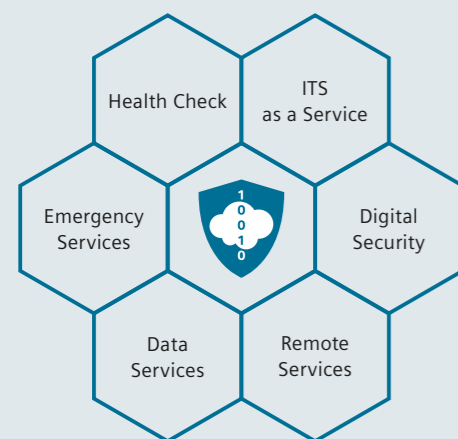
Benefit from advanced features, the latest security procedures and continually updated system protection. Whether you wish to update existing systems or need support in taking long-term investment decisions – as your partner, Siemens Mobility will work closely with you to define the optimum solution.

Always up to date with upgrade services from Siemens Mobility

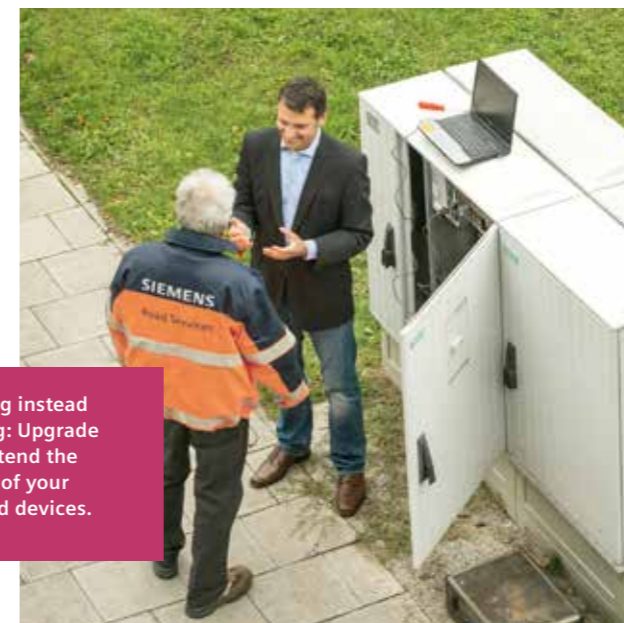
Modular service packages tailored to your individual requirements:

- **Innovation Management:** Provision of roadmap options for future investment decisions
- **Installation:** Commissioning of modernized equipment
- **Updating:** Longer service life of your system thanks to the implementation of state-of-the-art technologies and the latest IT security measures

Digital Services



Siemens Mobility experts offer remote maintenance via the Remote Service Platform to quickly solve any problems arising on site.



Modernizing instead of replacing: Upgrade services extend the service life of your systems and devices.

Upgrade Services



Qualification Services: Practical know-how – learn from the pros.

How to make sure that your employees keep abreast of technological developments? Siemens Mobility's flexible and modular training program on a wide variety of traffic and infrastructure topics is an efficient way for you and your staff to acquire valuable knowledge – right from the source.

Your road traffic experts

The Siemens Mobility traffic engineers are experts in developing sustainable and innovative ITS solutions. And they love to pass this knowledge on – to you! Our training program and consulting services provide in-depth knowledge about today's road traffic systems – in a clear, structured way that combines theory and practice. Let your employees profit from the know-how transfer of our road traffic experts and enhance their professional competence.

Modular and professional

For beginners and specialists alike, the modular course units are the perfect opportunity to benefit from the Siemens Mobility experts' unparalleled wealth of knowledge. The participants will obtain state-of-the-art knowledge and practical skills provided directly by the manufacturer. An advantage that cannot be rated too high, because nobody knows our products and solutions as well as we do.

Your key to success – qualification services from Siemens Mobility

Use our comprehensive training program to keep up with fast-paced technical progress:

- **Traffic Consultancy:** Strategies, process analysis and operation optimization for mobility management
- **Online and On-site Training:** Provision of in-depth knowledge about today's road traffic technology
- **Skills Management:** Certification center for "road traffic technology specialists"

Successful reference projects: Rely on an experienced partner.

Private or public bodies planning major infrastructure projects certainly need strong nerves – and reliable partners. As a global market leader for innovative road traffic solutions, Siemens Mobility is realizing a large number of projects every year. Modular service contracts ensure that these infrastructures remain fit for the future.

Bellis – provider of intelligent traffic services

The German city of Brunswick has invested in the future: 140 measuring stations and 310 detectors serve to record the current traffic situation and allow immediate intervention in case of incidents or congestion. The road users are supplied with relevant travel information. The long-term cooperation contract involves also a range of services to ensure that the system will not come to a "standstill" – through continuous further development and updating of the traffic control system.

VMZ Berlin

What is true for many cities in Germany, applies even more to the capital city: Without intelligent control, no smooth flow of traffic. To help keep traffic flowing, Siemens Mobility operates the traffic information center at the VMZ Berlin, which monitors and controls traffic on a total of 1,500 kilometers of main road network. More than 1,000 measuring gantries and detectors installed on urban streets and expressways provide data on current traffic conditions.

City of Bratislava

In the scope of an operator contract, as many as 42,000 street lights have been modernized to date in the capital of Slovakia. Intelligent control cabinets are used for their efficient control and monitoring. A single platform serves to integrate and operate not only the street lighting, but also traffic controllers and lighting solutions from various manufacturers.

Qualification Services



First-hand knowledge combining theory and practical skills: Comprehensive training programs and practice-oriented workshops.



Intelligent traffic control and various services from Siemens Mobility keep traffic flowing in Berlin.

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Siemens Mobility GmbH
Otto-Hahn-Ring 6
81739 Munich
Germany
siemens.com

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