

SIEMENS

Ingenuity for life

Certified Information and IT Security for all Road Traffic Systems

ISO/IEC 27001 compliant information security management system (ISMS)



Greater IT security: Our portfolio is ISO/IEC 27001 certified – from the Sitraffic ESCoS Roadside Unit to the web-based traffic control center Sitraffic smartGuard.

Smartphones, tablets, computers and navigation systems – the digital world is all around us. And not just in our personal lives, but in many areas of public life too. For instance, it would be virtually impossible to manage growing traffic demand without complex IT systems. Such systems require large amounts of data on a daily basis. At the same time, cyber security threats have significantly increased and their number continues to grow. It is important to take these risks seriously and to adopt appropriate security countermeasures.

State of the art

To mitigate the growing risk to information security from threats, including hacker attacks and data loss, all of our traffic systems are ISO/IEC 27001 compliant. As one of the world's foremost partners in road traffic technology, our know-how extends far beyond the product itself. ISO/IEC 27001 certification of our product, system and service portfolio means that all IT security technologies are consistently state of the art.

Reduced IT security risks

Deploying compliant Sitraffic products, systems and services will significantly reduce your IT security risk. Utilization of the international ISO/IEC 27001 standard allows us to draw on many years of diverse experience in information security across all industries – including sectors other than road traffic technology.

Always the right partner

Absolute IT security cannot be achieved, even with all the measures in place. This emphasizes the importance of having the right partner. In the unlikely event of a cyber security incident, you as a Siemens customer can trust us to react quickly and effectively. In the event of a claim, you will also enjoy greater legal certainty since you can demonstrate compliance with the relevant standards.



ISO/IEC 27001

ISO/IEC 27001 "Information technology – Security techniques – Information security management systems – Requirements" is an international standard that specifies the requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving a documented information security management system. This includes preserving the confidentiality, integrity and availability of information – including IT security and cyber security. The threats are constantly changing, which is why the ISMS is a risk-based system that is being continuously improved thanks to feedback on vulnerabilities or security-related events.

ISO/IEC 27001 compliant road traffic systems from Siemens. Benefits at a glance:

- All products, systems and services of relevance to information and IT security are consistently state of the art
- Lower IT security risk thanks to a certified supplier
- High-level certified IT security offered by web-based mobile traffic control center Sitraffic smartGuard
- Easier self-certification to ISO/IEC 27001, which may be required by IT security laws and regulations for instance
- In the unlikely event of a cyber security incident, fast response thanks to established processes
- Greater legal certainty in the event of a claim
- The ISO/IEC 27001 certificate is valid worldwide

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Printed in Germany
XXX XX/XXXXX WS 04173.
Dispo No. 22300
Order No. MOMM-B10179-00-7600

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