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In Smart Infrastructures, traditional devices interconnect and exchange to enhance several aspects of the operations as well as the quality of life of the citizens. This allows improvement in several domains (such as energy efficiency, power usage). The goal is to create new services that can adapt dynamically to the context.

ENISA, the European Union Agency for Network and Information Security, aims at securing several Smart Infrastructures from cyber threats. These emerging threats for smart infrastructure can disrupt a service with an impact on the society and the economy.

ENISA focuses its effort to secure:

- Smart Homes, where media enabled devices and cyber physical devices communicate locally and with the Internet.
- Smart Cities, which integrates several services from a city through data exchange and processing;
- Smart Transport, where several ICT systems are used to operate vehicles;
- Smart Cars and connected road infrastructure, where connected vehicles exchange data to improve drivers' safety and reduce traffic.

For every sector, ENISA develops good practices and proposes recommendations to different stakeholders of Smart Infrastructures in order to enhance the security of their systems. These measures shall guarantee availability and data integrity, improve resilience and ensure the confidentiality of the data exchanged.