

Standardization & Smart City

with SIMAC approach



Only ISO 37100 series of standards can help to cities with development or any other standards as well?

What is the best practice?

Cities are home to half the world's population, so chances are that you live in one. By 2050, this will reach 70%.


















How can urban areas improve their citizens' quality of life, become more connected and sustainable, and cope with a growing and ageing population? Does International Standards have a key role to play and help cities...



How do we manage sustainable development of Cities?

Today's municipalities strive to be called "smart cities" but hardly any acts like one. A smart city is more than bus stops with Wi-Fi connectivity, smart park benches and other hi-tech gadgets. A real smart city will know its pain points and start from there. It will build a platform to connect all the different solutions and accommodate new ones as needed to easily expand the smart city concept. This is an approach that will deliver economic benefits to the city and make life easier for its inhabitants, the approach we at Simac Technik adhere to.

In co-operation with you we will ensure in particular the following:

 Economy	 Safety
 Education	 Shelter
 Energy	 Solid Waste
 Environment	 Telecommunications and Innovation
 Finance	 Urban Planning
 Fire and Emergency Response	 Transportation
 Governance	 Wastewater
 Health	 Water and Sanitation
 Recreation	

Each theme has “Core” and “Supporting” Indicators as well as Data Sources. In all 17 themes there are 46 core indicators which cities shall track and report, 54 supporting indicators which cities should support in tracking and reporting

Other Standards

- BIS Smart city terminology (PAS 180)
- BIS Smart city overview document (PD 8100)
- BIS Smart city planning guidelines document (PD 8101)
- Research on smart infrastructure projects (PD ISO/TR 37150)
- A specification for KPIs for smart infrastructure projects (PD ISO/TS 37151)

ISO37100	Sustainable cities and communities
ISO37101	Sustainable development in communities - Management system for sustainable development
ISO 37102	Sustainable development and resilience of communities
ISO37120	Sustainable development in communities - Indicators for city services and quality of life
ISO17742	Energy efficiency and savings calculation for countries, regions and cities
ISO24510	Activities relating to drinking water and waste water services
ISO26000	Guidance on social responsibility
ISO39001	Road traffic safety (RTS) management systems
ISO39002	Good practices for implementing commuting safety management
ISO/IEC30182	Smart city concept model – Guidance for establishing a model for data interoperability
ISO/TS37151	Smart community infrastructures - Principles and requirements for performance metrics
ISO22313	Societal security - Business continuity management systems - Guidance