

SIEMENS



SIEMENS ADVANTA

Embrace the Future of **Cognitive and Sustainable Cities**

with our Smart City Solutions and Services

[siemens-advanta.com](https://www.siemens-advanta.com)

Rising to the challenges: Building a **digital and sustainable future** for Cities

By understanding the challenges faced by cities and citizens in how they interact with critical services, or how services are being delivered, whether that is energy, water, transport, or security, infrastructure can be adapted through digital technology to help address these challenges.

1. **Increasing operational costs**
2. **Decarbonization requirements**
3. **Increasing user expectations**
4. **Data in silos from multiple stakeholders**
5. **Rising need for safety and security**

A **Smart City** requires forward looking solutions for maximum value creation such as:



Smart City Services and Solutions addressing your challenges

Command & control center

Transform your infrastructure management with our innovative solution that integrates all stakeholder data, ensuring transparency and real-time insights. Gain the benefits of streamlined operations, enhanced decision-making, and increased efficiency. Empower your team with the tools they need for effective system oversight, driving productivity and success.



City Graph

City Graph offers a comprehensive view of operational data across city systems, empowering cities to optimize costs and enhance performance. Improve energy asset efficiency, achieve sustainability transparency, and make informed decisions with real-time insights. Transform your city's operations and drive success with our innovative solution.

Infrastructure Twins

Enhance infrastructure planning with digital twin technology and simulation, integrating various data sources. Enable stakeholders to make informed decisions, improving efficiency and safety. Benefit from real-time insights and optimized operations, driving better outcomes for your projects.



Crowd Management

Optimize crowd management with real-time campus views and extended control for city districts, hospitals, and universities. Facilitate seamless information distribution, enhance communication, and improve energy management. Empower your organization with the tools needed for efficient and effective crowd oversight, driving safety and operational excellence.

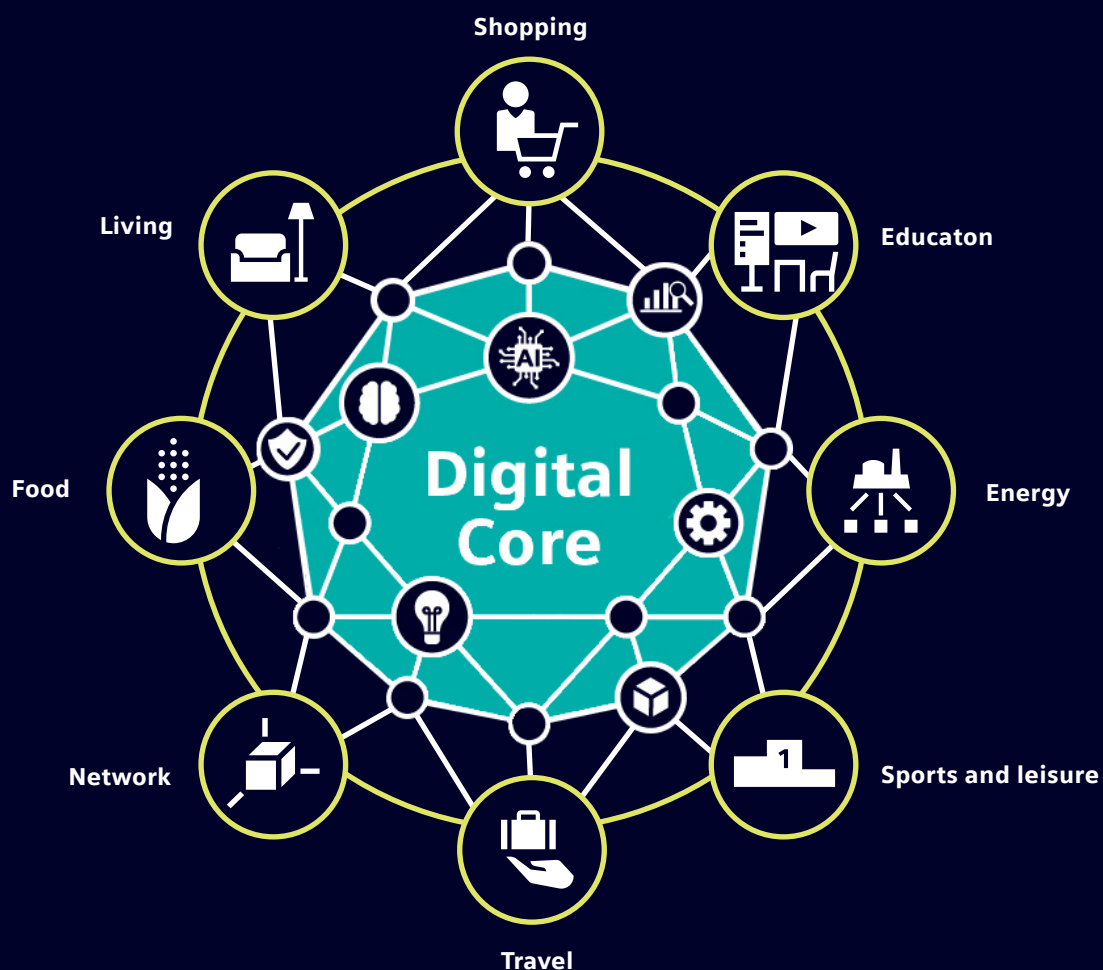
More solutions can be found on www.siemens-advanta.com

The Digital Core: Become a data driven city by creating an intelligent ecosystem across your enterprise IT&OT landscape

The Digital Core will enable cities to make data-driven decisions across a diverse IT/OT infrastructure. Its purpose is to create a core of intelligence independent of third-party software, enabling cities to create their own IP and drive new business models through structured data governance, modeling, integration, and security capabilities. It will fuel new business logic and processes, leveraging outputs from

various systems and new digital innovations that run in the Digital Core. Therefore, adding a customized Digital Core to the digitization mix enables cities to use qualified data and existing corporate knowledge to transform into a powerful decision-making body, using the latest innovation to grow their digital capabilities over time.

Harmonize the data landscape by creating your **DIGITAL CORE**



Better ESG decision making due to global transparency over a diverse asset portfolio

Improve **operational processes among** building stakeholders

IOT IT/OT blueprint to **optimize costs** by applying **repeatable and scalable** digitalization concept

Selected **use cases**



What we **achieve** for our customers

At Siemens Advanta, we empower our customers on their digital transformation journeys by leveraging our expertise and the latest technologies. Our goal is to help organizations achieve the best outcomes in their digitalization efforts.

By understanding our customers' unique challenges and goals, we provide tailored solutions that drive efficiency, innovation, and sustainable practices.



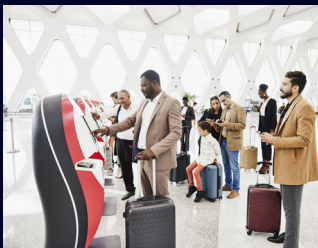
Dubai Municipality:

IoT strategy to become most innovative and sustainable city



Expo 2020:

Smart city expo app, smart city operating system and IIoT framework



Smart city (Middle East):

Transportation dashboard and crowd management solution



Aspern Smart City Research:

Digital twin coupling e-mobility and grid



City of East Birmingham:

Open, scalable digital Twin Framework



Stadtwerk Haßfurt:

Single pane of glass for energy related data

30%

on savings in operational costs through actionable AI-driven insights.

80%

reduction in emergency response time.

24%

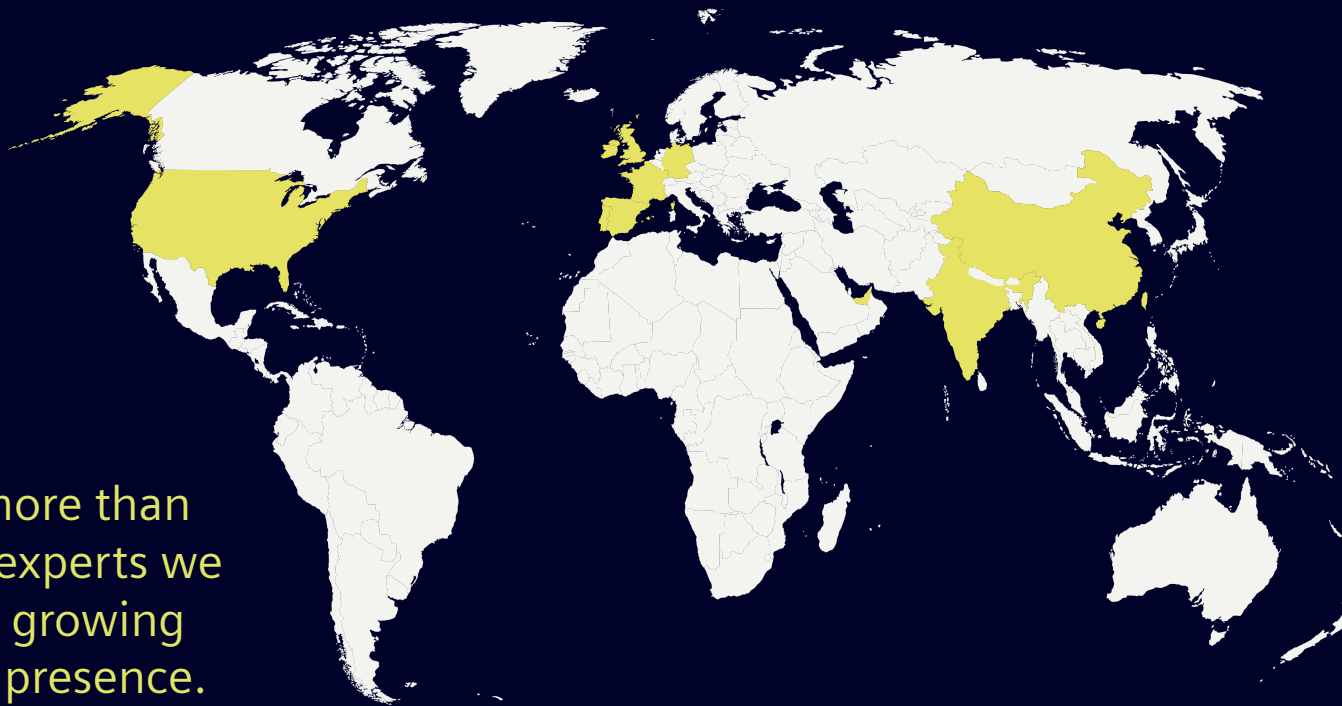
improvement in overall resident and customer satisfaction.

Who we bring

Our team at Siemens Advanta is comprised of industry experts with a deep understanding of the built environment and the latest digital technologies. With a passion for innovation, we bring a wealth of knowledge and experience to every project.

Collaboratively, we work to tackle complex challenges and provide tailored solutions for our clients. Trust our team to deliver exceptional results and guide you toward success in digitalization, sustainability, and beyond.

With more than 1,000 experts we have a growing global presence.



Software developers
and engineers



Data
scientists



AI/ML
experts



Database
experts

Consultants



Security
experts



UX/UI
specialists



Solution
architects



About Siemens Advanta

Siemens Advanta is a strategic advisor and trusted implementation partner for digital and sustainability transformations on an enterprise level. Drawing on the Siemens tech stack, Siemens Advanta delivers end-to-end solutions, from strategy and operations consulting to solution architecture and implementation.

With comprehensive expertise in IT and OT, Siemens Advanta combines extensive experience from Siemens' own transformation journey with an established reliability stemming from customer projects across diverse industries and countries.

By leveraging the power of Siemens businesses and its partners, Siemens Advanta helps customers unlock the full value of Siemens technologies across their entire value chain.

Headquartered in Munich, Germany, Siemens Advanta operates with a global network of about 1,000 employees in 18 countries and 47 offices.

For more information, visit www.siemens-advanta.com

Get in touch

Leverage our capabilities, infrastructure, and domain expertise to obtain the technology solutions you need to integrate the digital transformation and remain competitive and proactive.

Business request: advanta@siemens.com