SIEMENS
Ingenuity for life
Smart Building Solutions
Release your building's untapped potential with smarter infrastructure, applications and services
usa.siemens.com/smartbuildings

Expect more from your smart building

At Siemens, we deliver smarter buildings that reduce costs and add value. A smart building from Siemens leverages data to create adaptable, people-centric environments that organizations rely upon to increase competitiveness, drive productivity, and support long-term growth. We bring the right people, processes and technology so you can achieve world-class operations and a superior occupant experience today and into the future.

A truly smart building addresses both operational efficiencies and occupant engagement, effectively connecting the facility with the people in it and becoming an active contributor in an organization's success.

A true smart building approach

We're delivering value through smart buildings in ways that weren't possible just a few short years ago. Today's smart building is a space that complements the needs, activities, and well-being of the people inside it.

Our true smart building approach creates environments that are:

- *Comfortable and safe* – protect what's important, optimize room conditions, and maximize comfort
- *Energy and asset efficient* – minimize operating expenses and enhance business continuity
- *Space and user efficient* – impress building users, create smarter spaces, and improve occupant productivity
- *Energy intelligent and resilient* – optimize your energy mix, ensure reliability, and reduce your CO_2 footprint

A complete portfolio of smart building technologies helps you achieve your goals. It includes an intelligent infrastructure that facilitates data collection and analysis, which enables our digital services and applications that turn that data into actionable insights and results.

Intelligent infrastructure

What's an intelligent infrastructure? It's an open integrated ecosystem designed to harness the power of data coursing through your building. It's a major improvement over the slow, siloed infrastructure of the past.

While everyone's intelligent infrastructure is unique – tailored to your building and business – a typical ecosystem is built around three components:

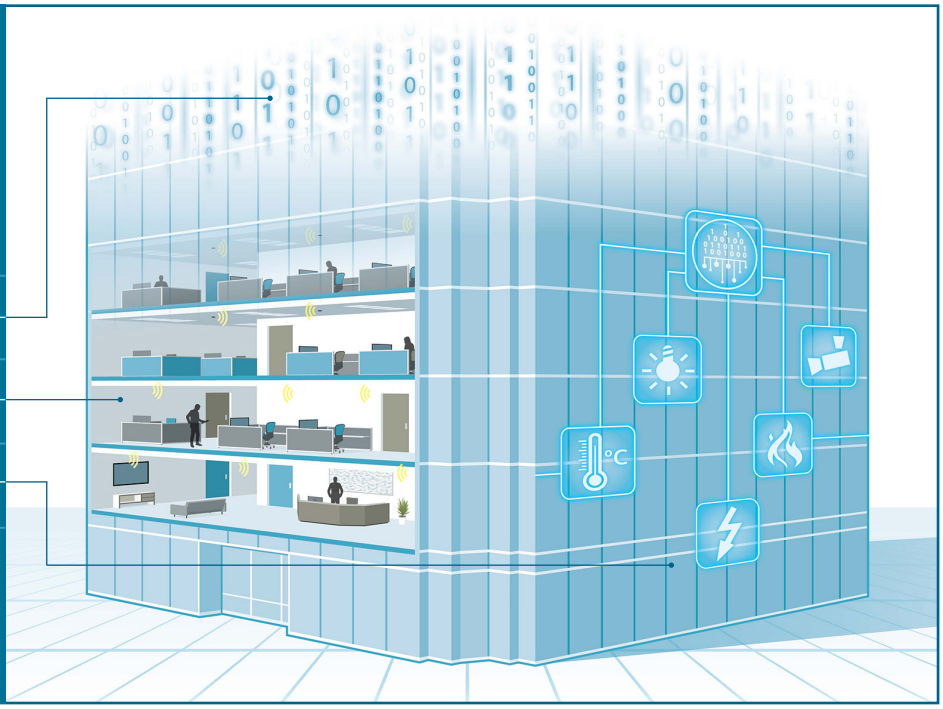
- *Smart devices* – collect and capture data from a host of systems, including IoT and smart sensors
- *Integrated building management system (IBMS)* – Siemens Desigo® CC IBMS provides command and control across the entire smart infrastructure
- *Advanced analytics platform* – Navigator, Siemens advanced analytics platform, adds a layer of intelligence for continuous monitoring

In addition to collecting and centralizing building data, an intelligent infrastructure future-proofs your building. Flexible and open, it can easily integrate new technologies and adapt as business needs evolve.

Leading the smart building revolution

A true smart building approach, leveraging the right people, processes and technology, delivers operational excellence and enhanced occupant experience.

- **Analyzing Data**
  Data Analytics Platform
- **Connecting People**
  IoT Network of Smart Sensors
- **Connecting Systems**
  Integration Platform



Digital services

Powered by continuous monitoring and analysis of your building's operations through our Navigator platform, our digital services transform your service program. Instead of a traditional scheduled-maintenance approach, we use real-time building performance data to show where service needs to be prioritized. Productivity and performance are enhanced.

Your digital services program is tailored to your building and needs. We offer service regimens that maintain automation and mechanical systems, improve overall facility performance, and address needs for specific uses, such as labs or data centers. Through our Proven Outcomes approach to service, your plan is designed to meet key performance metrics based on your business goals.

Services are supported by your local branch and our national Digital Service Center, staffed with IT and smart building experts. Together they work for you to deliver significant cost savings, increase performance and uptime, ensure compliance, and reduce risk.

People-centric digital applications

Our IoT-powered smart building applications unlock new levels of value for occupants and operators. Our leading applications improve user experiences and solve customer challenges.

Digital applications include:

- *Energy management* – smarter control and optimized usage of lighting and HVAC
- *Safety and security* – provide valuable information for security personnel and first responders
- *Space utilization* – map space usage and optimize workflow
- *Real-time location services* – track assets and improve wayfinding

Let's get started

Whether you are starting with an existing building or new construction, your smart building is within reach. We support you on each step of the journey:

1. Define business objectives and key performance indicators
2. Connect systems and collect data
3. Analyze data to create actionable insights
4. Take action and continually enhance performance

Tomorrow is closer than you think. The era of the smart building is here. Get started on your smart building journey today to create perfect places to work, to learn, to heal, and succeed.

Your competitive advantage

With a smart building from Siemens you achieve outcomes that can unlock your business potential:

- Lower capital costs
- Reduce operating costs
- Optimize building performance
- Enhance occupant experience
- Increase staff productivity
- Drive revenue growth

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This document contains a general description of available technical options. Any specific solution(s) will be based on a client's particular requirements and will be addressed in the contract for the project.

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