

# Smart Building Technology Partnership for ESCOs



Today's customers demand more from their buildings: to reduce capital and operating expenditures, to increase staff productivity, to optimize system performance, and to enhance the user experience and drive revenue growth.

Smart Building technology can help customers meet these demands. Technologies uniquely play a role in all of our lifestyles, safety, efficiency, sustainability, and operations + maintenance cost structure.

## Energy intelligence through a smart building partnership



As an ESCO, you're focused on creating the infrastructure improvement programs that drive value and ROI for your customer. Ultimately, your customer will want to end up with a program that creates long-term efficiency and intelligence.

A smart building partnership can help broaden the scope of your project, creating more opportunities for energy intelligence via technology integrations, a vast energy portfolio, and a powerful data analytics platform.

## Siemens delivers smart buildings through intelligent infrastructure

Leveraging Siemens as a technology partner prepares you and your customers to meet today's demands while adapting to tomorrow's changes. Through smart building infrastructure from Siemens, we can deliver smart buildings and complement your offerings and strengths.

**The journey toward a smart building starts today.** Smart buildings help solve complex problems like:

- Enhancing building performance & system reliability
- Supporting healthier, safer work environments
- Establishing a path for future technologies
- Achieving sustainability objectives
- Reducing energy consumption and costs



Technology	What does it do?
Dynamic VAV Optimization	AI-powered solution to automatically and efficiently follow new HVAC guidelines for temperature, humidity, and ventilation to create a safer, healthier environment while minimizing energy consumption.
Demand Flow Chilled Water System Optimization	Patented HVAC optimization solution that helps achieve industry recommendations for outdoor air ventilation without overtaxing equipment.
Smart Building Commissioning and Assessments	Systematic, modular approach to building performance and optimization, driven by Siemens Digital Services. Continuous Building Commissioning utilizing full scale FDD application.
Enlighted & Comfy	Support safer workspace operations, social distancing, and communications with IoT-enabled platforms, equipment, sensors, and software.
White Space Cooling Optimization for Data Centers	AI-powered data center infrastructure optimization solution that applies the right amount of cooling when and where it's needed most – automatically.
Needlepoint Bipolar Ionization & Violet Defense	Leverage the building's existing infrastructure to improve indoor air quality via needlepoint bipolar ionization and / or pulsed xenon UV light.
Smart BAS Migration Strategies	Combine the benefits of long-lasting building automation system upgrades with an existing building commissioning project to reduce annual energy spend, extend building system and equipment lifecycle, and harness the power of available building data.

**For more information, visit [usa.siemens.com/energyservices](https://usa.siemens.com/energyservices)**

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