



**SIEMENS**

*Ingenuity for Life*

## Can you capture the full value of data analytics for your building?

[usa.siemens.com/digitalservices](https://usa.siemens.com/digitalservices)

Digitalization – which is accelerating today faster than it ever has – continues to transform every aspect of our lives, including the evolution of buildings. What’s behind this?

Data.

Your building is equipped with many sensors and connected devices that generate massive amounts of data, which can be analyzed to help you make better decisions about how to operate your facility. Data analytics can also turn your building from an expense to an asset.

### **Massive amounts of data can create noise. How do you convert it into a powerful tool for your organization?**

Because there’s more data at your fingertips than you could have ever imagined, you might find facilities teams coping with *too many alarms, faults, and reports* from a wide range of systems and vendors. Many organizations simply don’t have the bandwidth to respond to and address each of these issues, diminishing the value of the data and creating a nuisance for your teams.

***Bottom line: although all of these data delivery sources hold great promise, the truth is that massive amounts of data can create noise.***

The real, full value of data analytics is achievable, however, with data analytics. Now you can begin to truly understand the impact your building and facilities have on your organization as a whole. You can gain transparency into occupant experiences in your building, how your building contributes to a healthy and safe workspace, and capital and operating budgets, and so much more.

**The trick is to unlock the power of this data to capture the full value of it. But knowing where to begin can be a challenge. Let’s talk about your data analytics journey.**

## The journey toward a smart building starts today.

Smart buildings help solve complex problems like:

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

# Getting started on your data analytics journey

## A step-by-step, measurable approach to achieving organizational goals by applying data analytics

With Proven Outcomes from Siemens, you get a step-by-step, measurable approach for identifying the KPIs that are meaningful to your business, targeting spaces and equipment most critical to your business, and applying data analytics.

### Proven Outcomes



#### Define & document

Understand organizational goals and the spaces that are most critical to your business.



#### Establish KPIs

Define the facility goals that will drive toward the success of organizational goals. Then set and track KPIs to understand where to apply analytics.



#### Build the team

You need a skilled team to get this done right. Look for people with the advanced technical tools and platforms, data acquisition experts, and data quality assurance you need to be successful.



#### Find quality, reliable data

Ensure you can identify all the data you need to succeed—and that the data is high-quality and reliable. Data analytics are only as good as the data you provide.

**Expertise for your team:** the right outcomes start with the right team and the right processes



#### Data scientists

Experts who can apply fault detection and diagnostic rules



#### Remote engineers

Experts who know how to prioritize and handle issues as they arise



#### Domain expertise

Facility experts who understand your building



#### Gain actionable insights

Define the processes that will turn data into actionable insights – and insights into solutions. Connect the systems, collect and analyze data, understand what it means, prioritize and implement solutions, verify they worked, and report on the value of data analytics and the insights they enabled.

### Bandwidth to execute



#### Execute analytics

Apply the rules that drive value for your facility. Create a process for identifying and prioritizing issues – otherwise they become a list of activities.



#### Implement solutions

Based on your analytics, implement solutions and make appropriate changes to your processes and equipment.

### The Siemens difference



**Building and analytics expertise** - alignment to equipment and outcomes



**Technology** - advanced analytics, dashboarding, and performance reporting



**Service delivery** - end to end process development and robust toolset

Siemens Industry, Inc.  
Smart Infrastructure  
1000 Deerfield Parkway  
Buffalo Grove, IL 60089

[usa.siemens.com/digitalservices](http://usa.siemens.com/digitalservices)

© 2020 Siemens Industry, Inc.  
(Part# 153-SBT-472)

For more information, visit [usa.siemens.com/digitalservices](http://usa.siemens.com/digitalservices)