HITACHI
Inspire the Next

Your Smart Space Journey Starts Here

As pervasive technologies, like AI, IoT, and Computer Vision, continue to transform the way we view and manage the spaces around us, more organizations are leveraging them to advance and improve everything from sustainability to operational efficiency. Here's how you can, too.

The Top 3 Spatial Pain Points

Regardless of industry, city, industrial, energy or retail organizations are challenged by these three things:

1. Increasing pressure to become safer, more sustainable, and operationally efficient and effective, while meeting evolving demands from guest, patrons, and employees for improved, personalized experiences.

2. The influx of massive raw data captured by IoT sensors, video and other building devices.

3. The lack of resources and capabilities to integrate digital solution that can convert data into actionable insights and align with business outcomes.

Most organizations are equipped with many sensors, video cameras and other 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 space from an expense to an asset.

Smart Spaces Benefits

- Gain robust insights about the uses of physical spaces, behaviors and activity.

- Rapidly adapt to changes and preference while testing responses to changes.

- Get situational awareness and real-time alerts to keep spaces safe.

- Utilize robust analytics and dashboards to enhance health and safety.

- Optimize layout, staffing, schedules and more based on new insights.

- Move from a reactionary mindset to a proactive mindset

- Combine physical and digital world data to identify waste and savings.

Massive amounts of video and other IoT data create noise in your strategy if you do not know how to tame that data. How do you convert the data into a powerful tool for your organization? Because there is more data at your fingertips than you could have ever imagined, you might find your teams trying to cope with *too many operations or safety tasks in a reactionary manner or attempting to solve for problems that require deeper insight to mitigate proactively future challenges.* Many organizations simply do not have the bandwidth, resources or digital knowledge to respond to and address each of these issues, which diminishes the data's value, and this creates a nuisance for your teams.

Bottom line: Although all of these data sources hold great promise, truthfully, massive amounts of video and IoT data can create noise, and without the appropriate hardware and software elements working together to power on your smart space, the goal of transforming into a "Smart Space" can be challenging.

However, for the real, full value of having a smart space achievable, you need the right hardware and software elements working in unison that collect, ingest and analyze the data for you, providing you with the insights necessary to enable your teams to make smarter and outcome-driven decisions. Now, you can begin to understand truly the impact your smart space has on your organization.

You can gain transparency into occupant experiences, prioritize operations teams to work proactively on the problems that matter most, and you can know how to increase safety and security for your employees, guests, and patrons.

A step-by-step process to transform into a smart space and achieve your organizational goals

With Hitachi's step-by-step, measurable approach to start your smart spaces journey, you can actively identify the KPIs that are meaningful to your space by targeting the active challenges that affect your operations, safety, security and overall experience. (See next page for next steps.)

Hitachi Difference
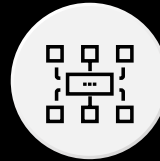
End-to-end solution provider

Hitachi has a vast network of partners that we can use in a moment's notice.

879 sister companies

15K global partners

Our experience

OT 109 years

IT 60+ years
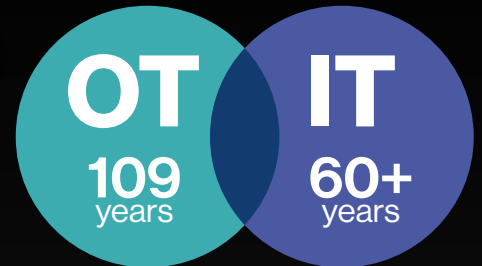
Global presence

Hitachi operates in **70+ countries**

Our process

As partners to your success, we offer a phased design and deployment approach ensuring implementation success.

Solution flexibility

Depending on your situation, we have multiple configurations that fit your special design.

Smart steps...

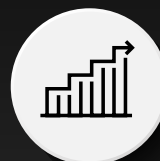**01**

02

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Identify
Identify the spaces and assets that are most critical to your business, think through the placement of your assets and employees, as well as where your customers, guest or patrons reside in relation to your space.

Define
Define the goals that will drive the organization's success. Then, align those goals with the outcomes you want to achieve with your space based on the measurable KPIs to understand where to apply those analytics.

Collect
Understand what hardware and software components are needed to collect the necessary data that will help drive the insights and analytics.

Build
You need a skilled team to get this done right. Look for people in your organization with the advanced technical knowledge of platforms and systems, as well as the data acquisition experts you need for success.

Partner
Choose a parter that is an end-to-end solution provider that can act as an extension of your team, working together to transform your space into a connected, self-aware machine.

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

ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit hitachivantara.com

Learn More →

Smart Spaces are emerging all around us, becoming safer, more sustainable, and improving our experience, while driving efficiency.

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