

Smart Buildings and Digital Workplace

Organizations can enhance the experience and effectiveness of their real estate by optimizing the intersection between technology and the physical workplace



Real estate is one of the most significant assets on the balance sheet and is often underutilized, inefficient, or unable to meet the needs of the organization or its workforce. To improve operations and the workplace experience, many organizations are focused on answering the following:

- How do we **leverage technology to respond and adapt to future risks** arising from workplace and workforce disruptions?
- How can we **monitor occupancy and utilization** across spaces, including individual and shared spaces, to improve efficiency?
- How can we more proactively **maintain facilities and reduce energy usage?**
- How can we **engage our employees** and **enhance collaboration** in the workplace to **improve employee productivity, morale, and well-being** at the office?
- How can we continue to utilize our real estate to **attract top talent** as our workplace changes and adapts over time?

There is no one-size-fits-all solution, so the question is, where to start?

Potential benefits of implementing smart building and digital workplace technologies

-  Improve employee productivity, morale, and well-being
-  Track efforts toward environmental and health and safety goals
-  Increase employee engagement and ease of collaboration
-  Help prevent the spread of illness and monitor wellness
-  Attract top talent and decrease workforce turnover



Our holistic approach provides organizations with an integrated solution—from initial assessment and strategy development to technology selection, implementation, and ongoing support.

Digital transformation team development

Geography: North America
Client: Banking and securities

Deloitte helped align the client's global real estate and IT teams around a digital transformation plan by developing new interaction models between the two groups for a more effective transformation collaboration.

Digital workplace transformation roadmap

Geography: Global
Client: Oil and gas

Deloitte helped the client develop a formalized digital workplace vision, including an implementation road map with prioritized digital initiatives, solution selection, and business cases required to secure leadership support.

Intelligent building design and implementation

Geography: Global
Client: Professional services

Deloitte developed a centralized digital building platform that enabled the client to transform its EMEA headquarters into a smart building by combining new sensor technology with preexisting subsystems.

The big idea...

An integrated smart building and digital workplace strategy will incorporate new technologies and analytical capabilities to optimize real estate operations while providing the workforce with more efficient and productive places to do their best work.

How we can help

Deloitte's Digital Real Estate Transformation practice helps organizations across industries address some of their most complex and challenging real estate issues.

We are objective advisers. We stay firmly focused on our clients' priorities while developing strategies and implementing complex programs that seek to add value, improve service delivery, and mitigate risk. Should input or experience from other disciplines be required, such as corporate finance, change management, organizational design, or risk management, we leverage the deep resources across Deloitte to satisfy those requirements.

Deloitte's Smart Building and Digital Workplace team can help your organization create people-centered, smart, digital workplaces to help:

-  **Support cross-workplace connectivity**
-  **Boost employee productivity and effectiveness**
-  **Ease employee collaboration**
-  **Enrich enterprise communication**



-  **Empower a mobile and flexible workplace**
-  **Enable better facility monitoring and automation**
-  **Enhance facility management**
-  **Improve health, safety, and security**

Our services can help your organization:

Define vision and objectives	Build the business case	Test the proof of concept	Deploy the solution at scale
We assess the current state of your organization's smart technology and digital workplace capabilities, engage stakeholders to align on business objectives, and identify gaps between current-and future-state requirements.	We define solutions for the desired smart building and digital workplace framework, determine which initiatives to prioritize, define the governance structure, and develop the road map for implementation.	We assist in the selection of a suitable technology solution and work with your organization to develop and implement the proof of concept, including a use case, technical architecture, a "sandbox" for development and testing, and a means to collect and analyze data.	We help your organization to identify the next set of use cases to launch and conduct continual development, testing, deployment, and support of smart building and digital workplace initiatives.

Start the conversation and learn more

Explore our [Real Estate & Location Strategy site](#) to learn more, and contact us to start the conversation using either our [general mailbox](#) or through reaching out directly:



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