The smart building advantage

THE BENEFITS OF GETTING SMARTER

- Access actionable analytics and reporting
- Reduce OPEX costs
- Speed problem resolution
- Perform predictive maintenance
- Improve occupant satisfaction
- Secure data and systems
- Increase asset value

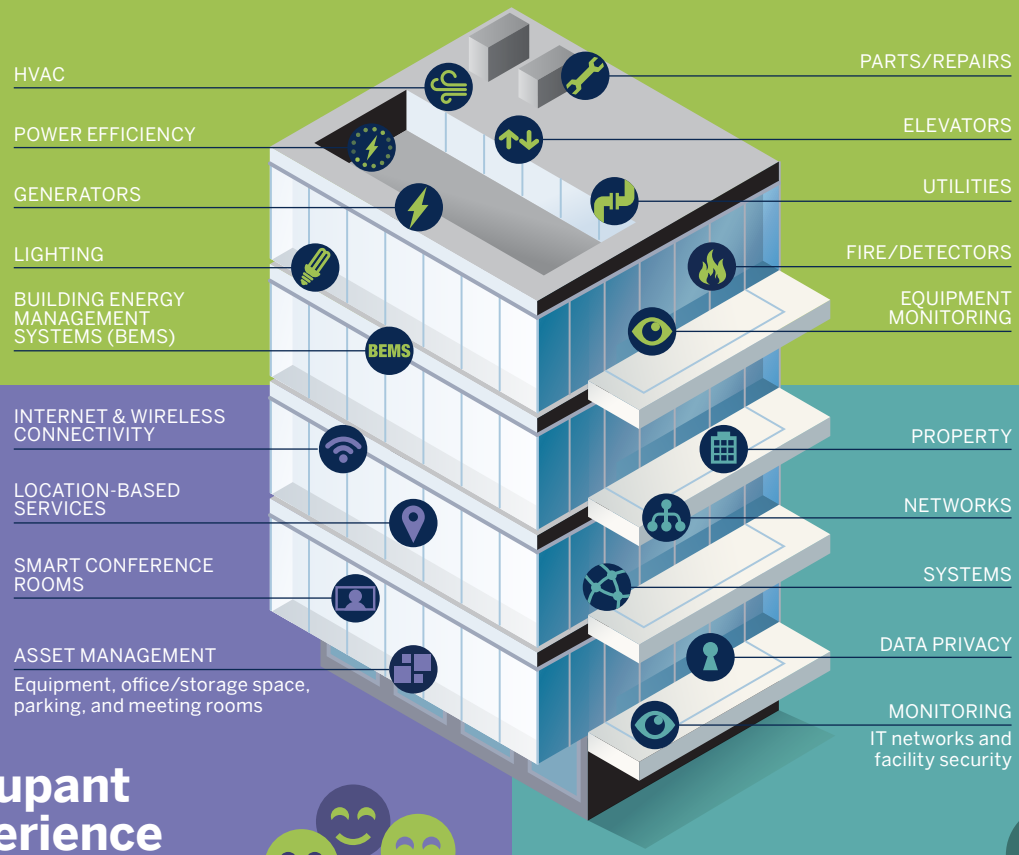
Operational Efficiency

WHY IT MATTERS

- **Code compliance**
- **Rising energy costs**
- **Rising costs for maintenance**
- **Sustainability**
- **Occupant comfort**

HVAC systems account for about **35% of energy** used in European buildings, and ~50% in the U.S.[1]

"Building managers are seeing up to **30% savings** in repair costs when networked buildings enable proactive maintenance."[2]



SMARTER BUILDINGS HELP SOLVE INDUSTRY CHALLENGES

Operations

- Address interoperability issues so systems can share data and work more efficiently
- Retrofit and/or automate legacy systems

Security

- Identify and protect against digital threats to systems

ROI

- Maximize net operating income
- Reduce energy footprint
- Future-proof buildings for a connected, data-driven economy

Occupant Experience

WHY IT MATTERS

- **Occupant safety and satisfaction**
- **Competitive advantage**
- **Increase asset value**
- **Modernize buildings**

Studies on green buildings found that employees had fewer illnesses, and were more comfortable, happy, and productive.[3]

Security

WHY IT MATTERS

- **Digital threats on the rise**
- **Business-critical data must be protected**

35% of building owners are not taking any action to ensure cybersecurity.[4]

The Good News

The ecosystem is increasingly standardized. Providers are helping building managers to choose interoperable technologies and to integrate disparate systems.

Retrofitting works. Affordable options exist to bring intelligence to old buildings.

Payback is faster, making smart more affordable. Building managers are seeing returns in as little as 6 months.[5]

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4. Survey Suggests Many BAS Could Be Vulnerable To Hackers, www.facilitiesnet.com/buildingautomation/article/Survey-Suggests-Many-BAS-Could-Be-Vulnerable-To-Hackers--15561?source=part#
5. Jim Young, Realcomm, 2015

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