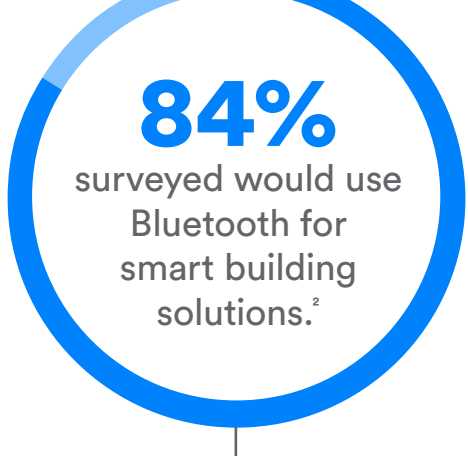




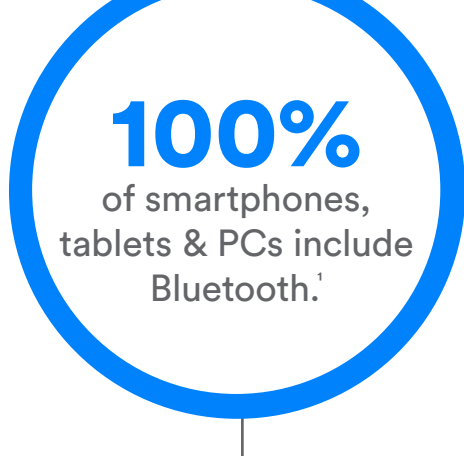
build a smarter building with blue

Recent advancements in Bluetooth® technology help make scalable, smart building solutions a reality in commercial and industrial environments where security, reliability, and performance requirements are highest.

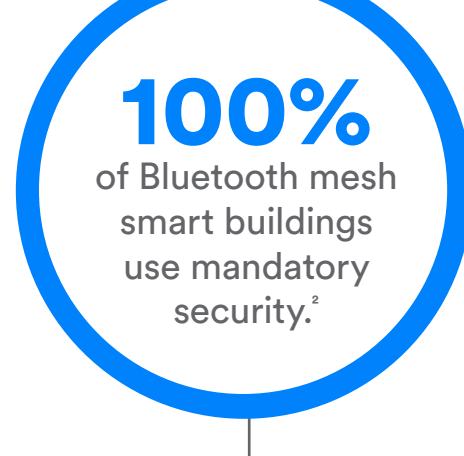
360 million annual Bluetooth smart building device shipments by 2022¹



My building uses a trusted, global standard to enable automation.



My building can be managed using standard smartphones and tablets.

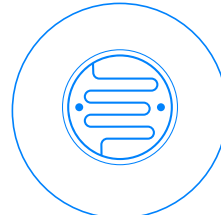


My building can securely communicate with all its essential systems.

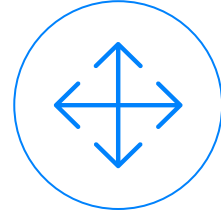
Bluetooth increases reliability, reduces costs, and enhances your smart building ROI by powering:



Automation & Control
Improve the lifespan of essential systems



Condition Monitoring
Track system health and performance



Location Services
Support optimal building navigation and asset tracking

Automation & Control

350% growth in annual volume of Bluetooth automation and control devices by 2022¹



My building can automate its essential systems, from lighting to HVAC to security.

40% of a building's energy consumption can come from cooling/heating.²

My building can self-regulate temperature to conserve energy in empty rooms.

30% of electrical usage is wasted due to inefficient lighting and HVAC controls.³

My building can adjust lighting levels, only illuminating rooms in use to save money.

40% of connected end points in commercial buildings will be smart-lighting based by 2021.⁴

pop quiz

A **Bluetooth connected lighting solution** can also function as a platform for smart building solutions. Which of the following services can be supported by your building's Bluetooth lighting control network?

- Indoor navigation
- Point-of-interest information
- Asset tracking
- System automation & control
- Item finding
- Condition monitoring
- Space utilization
- All of the above

ANSWER: ALL OF THE ABOVE

Condition Monitoring

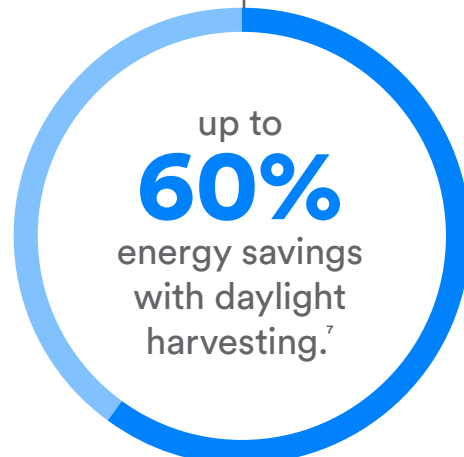
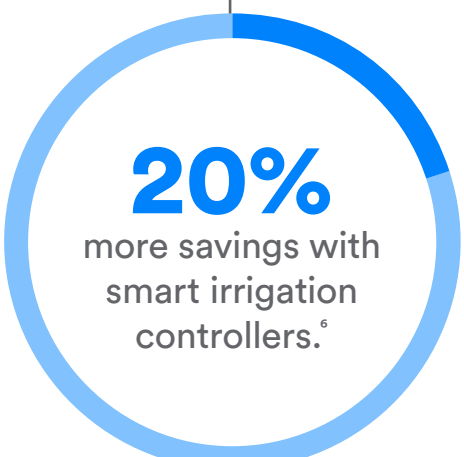
1.3 billion sensor deployments for condition monitoring in smart buildings by 2020⁵



My building can predict and solve maintenance problems before they arise.

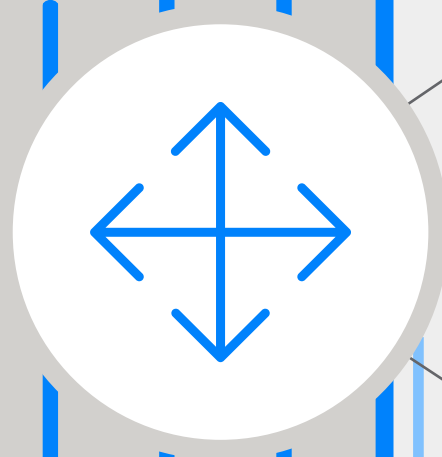
My building can monitor and optimize environmental conditions throughout the year.

My building can monitor and automatically adjust lighting levels throughout the day.



Location Services

10x growth in annual volume of Bluetooth location services devices by 2022⁶



12x growth in Bluetooth asset management devices by 2022⁷

My building can tell me where important assets are to optimize productivity.

1/3 of office space is underutilized during a workday.⁸

My building can tell me how often rooms are being used, so I get the most out of available space.

380 MILLION annual shipments of Bluetooth enabled beacons by 2022.⁸

My building can help visitors find what they need and get them there quickly.

build on a 20-year foundation of blue

90% Bluetooth membership growth in the last five years.⁹

My smart building is built on two decades of wireless innovations developed by more than 34,000 member companies.

Supported by a dedicated community of wireless innovators, Bluetooth is powering smart buildings around the globe. From factories and hospitals to airports, retail, and more — Bluetooth is the wireless constant now and for decades to come.

Discover how you can build a smarter building with blue.