



## Life-Critical Mobility

Life-critical mobility is a complex matrix of integrated systems designed to provide medical-grade and mission-critical mobility.

100% wireless access is the new norm. Absolute availability and seamless communications are a must, not a nice-to-have.

To achieve this, IT leaders in healthcare are looking at mobility more holistically combining multiple wireless systems including Wi-Fi, 4G/5G-capable Distributed Antenna Systems (DAS), CBRS, two-way radio, and paging for ubiquitous coverage.

Wall-to-wall mobility requires traffic-modeled, care-centric wireless prioritization for patient safety and clinical operations. Sophisticated assessments of hospital systems, current performance, locations, patient and clinician communications, and workflows are a requirement along with scalability and future proofing.

Black Box will help you find the right solution because we know the industry, technologies and how to integrate them. Matching different solutions to different applications and building types enables you to meet all wireless needs at an enterprise level.

### Everything wireless

- Anytime, anywhere access
- Collaboration
- Internet of Medical Things (IoMT) support
- Real-time asset location
- Resource tracking
- Mobile clinic care
- Wayfinding

### Technologies

- Wi-Fi 4, 5, 6
- DAS (4G/5G LTE)
- CBRS
- Medical telemetry (WMTS)
- Public safety
- Two-way radio
- Paging
- RTLS

### Services and solutions

- Cloud/on-premise/hybrid networking
- Day 2 services
- Periodic revalidation
- Maintenance and upgrades
- Secure connectivity
- Regulatory compliances
- Site surveys
- Rollouts

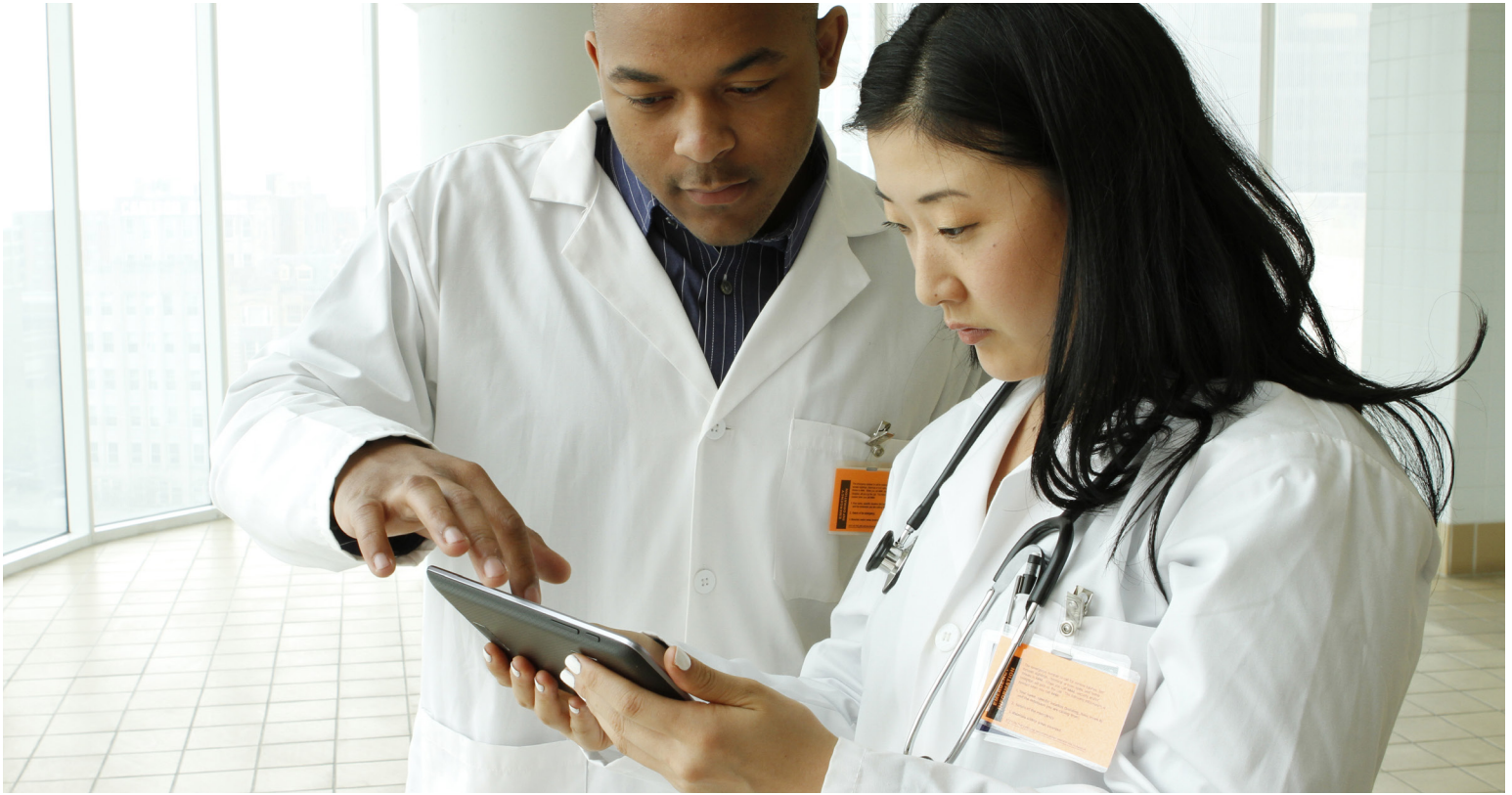
### What Clients are Saying

“We selected Black Box because of their expertise and experience with in-building wireless infrastructures in complex hospital environments.”

**Michael Zachary, Director,  
IT Enterprise Architecture  
Cook Children's Healthcare System**

“We reduced the need for multiple network engineers to support our hospital's wireless infrastructure, helping us continue to be efficient while advancing our wireless services.”

**Ed Lowell, Director of IT Infrastructure  
Lucile Packard Children's Hospital**



## Why Black Box?

Driven by each client's unique needs, Black Box creates and maintains the optimal IT ecosystem in which clinicians, physicians, patients, and guests thrive. We work with hundreds of hospitals nationwide, including four of the six largest hospitals in the U.S. Backed by decades of healthcare IT experience, Black Box delivers the mobility, hardware, software, and infrastructure solutions that create the foundation for true healthcare interoperability. With Black Box, you'll get one trusted partner to guide you through the entire mobility process via a robust design, deploy, and manage methodology.



### Design

- Coverage/capacity/network assessments active and predictive designs
- Per-building solution identification



### Deploy

- Configuration and staging
- Multisite project management/deployment acceptance testing



### Manage

- Monitoring and maintenance
- Long-term assessments/reporting

## About Black Box?

Black Box is a global technology solutions provider dedicated to helping customers build, manage, optimize, and secure their communications networks and IT infrastructure. Black Box delivers advanced communications, IT services, and high-value technology products through its global presence and over 2,700 team members. To learn more, visit the Black Box website at [www.bboxservices.com](http://www.bboxservices.com).