



## *ORLANDO HEALTH- OHJOI*

**Delivering Reliable Connectivity for Healthcare Innovation**

*Orlando Health, one of Florida's largest healthcare networks, oversees a growing multi-campus system that requires seamless, secure, and future-proof wireless connectivity.*

*To support patient care, first responder access, and operational efficiency, Orlando Health partnered with Intenna Systems to design and implement advanced in-building wireless solutions across its facilities—including the Orlando Health Jewett Orthopedic Institute (OHJOI).*



**ORLANDO HEALTH®**



## ***INTENNA SYSTEMS & ORLANDO HEALTH***

- In 2020, Intenna Systems was introduced to Orlando Health through a local CommScope/Andrew representative.
- The initial engagement focused on the healthcare provider's 11-building Orlando campus. Although this first project stalled during the pandemic (2020-2021), Orlando Health re-engaged Intenna in 2023, expanding the scope significantly.

### ***FUNDING THE VISION***

These projects have been financed through Orlando Health's capital expenditure (CapEx) budget, strategically aligned with ongoing new construction and modernization efforts.

With healthcare campuses constantly growing, **the investment ensures wireless infrastructure can evolve in step with 5G growth and next-generation applications.**



***Today, Intenna is supporting 37 active projects for Orlando Health, spanning early design requests to fully on-air systems.***

# ***CHALLENGES AND SOLUTIONS***

## **Redesigning OHJOI**

The OHJOI project was particularly complex. Intenna was brought in to salvage a partially implemented system started by a prior vendor. Redesigning within budget, while guiding the installer through corrections and upgrades, **required deep technical expertise and project management**. The result was a reliable system aligned with Orlando Health's standards.

## **Managing Large Scale Growth**

Orlando Health's main campus spans several city blocks, presenting challenges in budgeting and designing systems that can scale with 5G and emerging healthcare applications. Intenna's team worked closely with Orlando Health staying within budget and construction timelines.

## **Construction Deadlines**

Across sites, construction timelines for opening new facilities were a recurring challenge. Intenna adapted by coordinating with different installer partners to meet deadlines without sacrificing quality.



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*A key differentiator in Intenna's approach has been the standardization of **Andrew OneCell** solutions across all Orlando Health sites. Because mobile network operators (MNOs) lacked funding to support deployments, **OneCell** provided a cost-effective, scalable alternative that met performance requirements.*

## *Maintenance & Monitoring*



*Currently, five Orlando Health sites are live and on-air. Intenna provides active monitoring and maintenance (M&M) for these facilities, ensuring consistent performance, quick troubleshooting, and long-term sustainability of the systems*

### **Results & Impact**

- 37 active projects across the Orlando Health system, ranging from design to live systems.
- Mission-critical coverage through FirstNet, enhancing first responder readiness.
- Private network integration that improves reliability and prepares Orlando Health for next-generation healthcare applications.
- Proven partnership that grew from a stalled project into a long-term engagement across multiple campuses.

## **Expanding a Long-Term Partnership**

Orlando Health's relationship with Intenna Systems has grown far beyond individual deployments. What began as a stalled project has **expanded into a trusted partnership, with 37 active projects** ranging from early design to fully operational systems

We now work side-by-side with Orlando Health not only as a deployment partner but also as **strategic advisers for future connectivity planning.**

This includes guiding cellular infrastructure decisions for both new construction and existing hospital campuses, ensuring that each facility is built or upgraded with reliable, scalable connectivity in mind.

## ***Collaboration with Mobile Network Operators***

*Another important aspect of our work has been close coordination with the major mobile network operators (MNOs). While healthcare networks often face funding challenges for large-scale DAS deployments, Intenna has collaborated with carriers to secure support where possible.*

*For example, Verizon is directly funding signal sources at select Orlando Health locations, a model that eases capital burden and accelerates system readiness.*

*Combined with neutral-host designs and private network capabilities, these partnerships maximize both performance and cost efficiency*

*The collaboration between Orlando Health and Intenna Systems demonstrates how strategic design, technical expertise, and responsive project management can transform healthcare connectivity. From rescuing challenging projects like OHJOI to scaling across a major healthcare network, Intenna is helping Orlando Health deliver reliable, secure, and future-ready wireless infrastructure—supporting patients, staff, and first responders alike.*



## About Intenna

*“Intenna Systems designs, builds and maintains some of the most complex indoor wireless networks available in the enterprise and service provider segments of the industry. Over two decades of experience provide our staff with unparalleled knowledge in designing, building, optimizing and maintaining customized distributed antenna systems (DAS) and small cell solutions to fit your specific needs. We are distinguished by our commitment to quality and delivering the right solution to meet our customers’ diverse communications needs.”*

Founded in 1998, Intenna Systems, Inc. is a leading provider of customized, cost-effective, in-building wireless networks. With over two decades of design and deployment experience, Intenna continues to provide comprehensive cellular and public safety network DAS solutions to an impressive resume of healthcare, corporate, hospitality, public venue and government clients nationwide. We are distinguished by our unparalleled experience, ability to navigate challenging environments, commitment to quality and customer focus. Reach out to Intenna today to learn how we can help you create the wireless environment that your employees, customers and patients now require.

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