

Connective Power:

How DAS is Helping Hospitals Deliver Better Care



The Situation

They don't build hospitals like they used to. And let's be honest, the last place you want to experience connectivity issues, or spotty coverage, is a hospital. A major hospital was experiencing connectivity issues because a regular cell signal couldn't penetrate its thick cement walls. The end result? Emergency room technicians couldn't talk to doctors and patients were unable to connect with friends and family.

The Challenge

How do you create coverage for different hospital building material types (e.g., LEEDS rated glass, Radiology, Cath Labs, etc.) when the nearest macro site is unable to penetrate the depths of the building's materials?

The Solution

Whether we're creating a custom DAS or plugging into a Customer Owned and Maintained (COAM) system, AT&T has the network and experience to design the perfect solution. In this case, we used a BTS, a base transceiver station, to provide AT&T's licensed radio frequency to be broadcast over the DAS throughout the hospital to provide seamless connectivity.

The Benefits

With a strong internal signal and no dead spots, communication is now available for doctors, patients, family and friends throughout the hospital. Doctors are able to more easily communicate test results and other critical information and patients trust the hospital more than ever.