



## HEALTHCARE

# CHILDREN'S MERCY HOSPITAL

 KANSAS CITY, MO

## CHALLENGE

Children's Mercy Hospital struggled with an outdated system causing poor mobile connectivity, slow data speeds, and dropped calls, hindering communication and healthcare operations.


## SOLUTION

HALO Networks installed a high capacity 5G Distributed Antenna System (DAS) consisting of 234 antennas across the 1.8 million square foot campus, 4,500 linear feet of fiber and approximately 8,000 linear feet of coax cable infrastructure.

## RESULTS

The new 5G DAS system allowed for all 3 carriers (Verizon, AT&T, and T-Mobile) to bring in their high-capacity RF signal sources which enhanced mobile communication, telemedicine capabilities, and improved overall operational efficiency, while providing future-proof connectivity for emerging healthcare technologies.

  
**390+**  
BEDS

  
**1.8M**  
SQUARE FEET

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*“HALO Networks’ installation of a 5G DAS system has greatly improved mobile connectivity across Children’s Mercy Hospital, enhancing service for doctors, staff, patients, and visitors.*

*The seamless installation has future-proofed the hospital’s communications infrastructure.*

*As a result, operational efficiency, staff productivity, and the overall experience at the hospital improved significantly.”*

