30+ Years in Business | **12,000** Wireless Projects | **23** National Offices

cts

Your One Source for Custom In-Building and Campus Connectivity Solutions

COMMUNICATION TECHNOLOGY SERVICES

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CTS COMMUNICATION TECHNOLOGY SERVICES

CAPABILITIES

CTS brings 30+ years of experience deploying and managing in-building and campus networks. We provide custom, carrier-grade solutions for enterprises and mobile network operators, solving and managing the most complex networking challenges. Our core capabilities are:

DESIGN

The **CTS** Design Center delivers the most accurate RF modeling in the industry. We have the deepest pool of design talent of any integrator nationwide, allowing for the fastest industry turnaround times. Our teams deliver advanced 3D and RF modeling for multi-operator and multi-technology solutions. Our designs are guaranteed to meet venue and wireless carrier requirements.

BUILD

CTS has deployed iDAS, oDAS and small cell networks at venues including: five-star hotels, world renowned theme parks, large professional and college sports facilities, major city and state convention centers, universities, hospitals and key government locations. We deliver superior value through our nationwide team of technicians, scalable systems, operational model, and commitment to total customer satisfaction.

SOLUTIONS

Private Cellular Networks

CTS has pioneered a comprehensive approach to designing, implementing and operating cellular networks for enterprises. Private LTE is the ideal backbone for enterprise IoT, automation and mission-critical services. **CTS** brings your project superior performance and security with proven LTE and 5G cellular technologies used by the world's largest mobile network operators. We give you your private cellular network optimized for your data performance with your rules.

Cellular DAS and Small Cells

CTS has extensive consulting, engineering design, and deployment capabilities to address the needs of both enterprises and mobile network operators, having deployed over 12,000 wireless projects since 2004. We design and deploy indoor and outdoor Distributed Antenna System (iDAS, oDAS) and small cell networks that exceed carrier-grade specifications while meeting the needs of our customers.

SD-LAN

CTS SD-LAN solutions utilizing a fiber deep infrastructure allow you to integrate the building's systems and secure applications across one managed platform with low maintenance and simple administration. **CTS** performs the engineering design, deployment, and support of your SD-LAN solutions, creating self-organizing and centrally-managed networks that are easier to operate, integrate, and scale.

RUN

CTS offers a full suite of network support capabilities that includes everything from regular maintenance, to network testing and outsourced network operations. **CTS** has a 20-year history of running +99.99% availability managed services for the cellular industry. We provide managed services for over 40+ telecom operators, and hundreds of enterprise in-building wireless networks.

SUPPORT

CTS's NOC is the first line of defense against network disruptions and failures. The NOC team monitors systems 24 hours a day, 365 days a year offering analysis and reporting, fault monitoring, system "triage" and remote repair, and more. The NOC is backed by a large service fleet, a team of HetNet engineers, and trained and certified technicians dispatched nationwide.

Wireless LAN

CTS offers complete turnkey wireless LAN solutions. Our work begins by gathering customer requirements; developing system design; determining equipment and construction requirements; system implementation with project management oversight; and network certification. We offer wireless site survey and design; and systems, security and risk management consulting.

Public Safety DAS

Working closely with local jurisdictions to ensure regulatory compliance, **CTS** designs DAS networks to meet the coverage requirements of public safety entities and building owners. In addition, **CTS** works with manufacturers who have proven public safety experience and products that meet public safety community needs.

Forté® Neutral Source

The **CTS** Forté® Neutral Source is a complete package of equipment and services that supply any combination of AT&T, Verizon or T-Mobile cellular signal for virtually any DAS deployment. **CTS** can guarantee delivery, installation and ongoing operation of carrier-approved cellular radios. **CTS** handles all the necessary approval steps and deployment activities with the MNOs.

CTS only provides one solution: The one that's right for the customer.

Putting **People** Back in Technology