



Distributed Antenna Systems (DAS) Monitoring Solutions



Distributed Antenna Systems (DAS) provide critical coverage not just for mobile phones and devices but also for public safety users in the event of an emergency. Knowing that your systems are operating at peak performance is key to maximizing your investment and ensuring critical communications aren't lost. Commdex DAS monitoring solutions provide real-time connectivity to instantly know when an event impacts your system as well as AI powered alerts to identify maintenance issues and patterns before they trigger a failure.

Advanced Insights and Custom Reporting

Our robust and intuitive monitoring platform utilizes artificial intelligence to detect anomalies, gain real-time insights, and offer solutions in order to proactively manage your connected ecosystem.

- AI-Powered Insights
- Real-Time Remote Management
- Query-Based Reporting
- Easily Aggregate Metrics
- Track Network Reliability and Health

Reduce Operating Costs and Increase Uptime

Facilities can ensure uninterrupted connectivity, proactively identify potential issues, track key metrics, and simplify networking and IoT ecosystem from an easy-to-use centralized platform for end-to-end visibility with our remote monitoring platform.

Intelligently Monitor Your IoT Devices with a Robust Remote Monitoring Platform

Our robust remote monitoring solution is designed specifically for monitoring critical wireless and network connected devices to identify problems before they occur. Our user-centric platform provides you with complete 24/7 visibility, protecting the health of your connected ecosystem and maximizing performance.

DAS Real Time Monitoring

DAS provides important coverage for wireless devices as well as for first responders in the event of an emergency. Keeping these systems up and running is critical for any system owner or Government agency. With traditional unmonitored DAS, you never know about a problem until you get a complaint, or worse, users can't communicate in a critical situation. Our DAS remote monitoring systems automatically survey network infrastructure to ensure functionality in a proactive manner to know immediately when there's an issue.

Benefits of Monitoring Solution

DAS can only provide the needed coverage within a building if it is properly functioning. Our complete remote monitoring services for DAS provide 24x7x365 coverage and a dedicated team of experts to quickly alert you to any active or potential issues with your system. In the event of a system malfunction, we enable remote control of the system to remotely shutdown a system before it negatively impacts any surrounding first responder or carrier networks. We pair this with a proactive preventative maintenance program that ensures that your system is operating at peak performance and delivering the coverage enhancement you paid for. We verify this through advanced metrics and analysis powered by our AI analytics engine to highlight performance trends or potential issues.

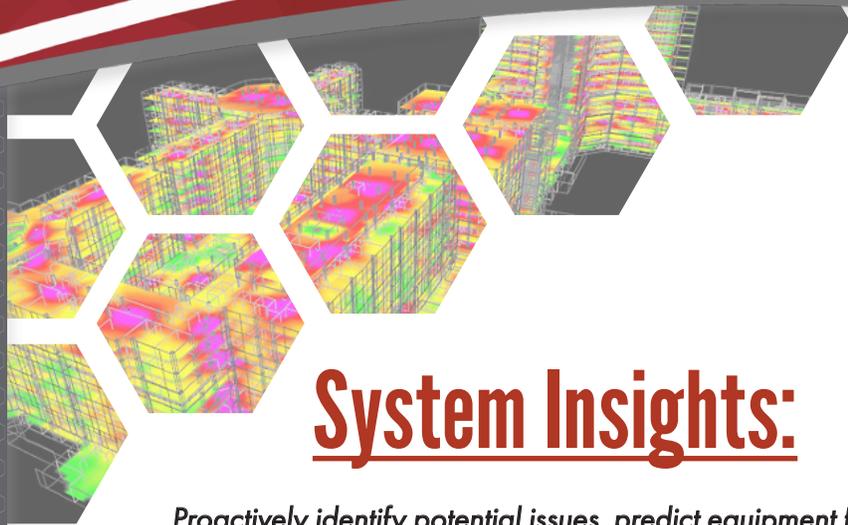
Proactively Resolve Problems

Our AI-powered analytics can identify potential issues with a DAS before they become critical failures. This enables you to proactively address your maintenance needs and tailor your preventative maintenance to deal with problems before they start. We can provide a custom tailored approach to maintenance built on the insights and knowledge that real-time monitoring of your system brings. Unlike in-house IT teams that may be unfamiliar with the DAS framework, DAS technicians and engineers are experts in the technology and can leverage AI to detect anomalies, gain insights, and make remote adjustments to ensure a consistent and reliable connection.

A Comprehensive Approach to Service for Your System

Commdex brings together all aspects of system management and control: instant notification of system problems, remote control and shutdown of systems, proactive maintenance solutions and advanced analytics and reports. This delivers consistent performance for your users as well as improving maintenance efficiency and reducing overall costs. We deliver a complete solution to maximize your DAS investment and deliver the critical coverage you need.





Depth of Expertise: *Commdex has demonstrated its expertise in every major communications technology. You can rely on the depth and breadth of our capabilities and have complete confidence that your communications system will be working at its peak performance when you need it the most.*

Custom Solution: *Because we are not a manufacturer, every Commdex design begins by listening intently to your needs to gain an understanding, then translating that knowledge into a cost-effective design that is customized to meet your requirements. By selecting the best available technologies, or combining them as a turnkey package, our solution is always "tailor-made" to your needs.*

Nationwide Experience: *Commdex has experience in successfully managing the deployment of large networks nationwide. We have supported nine statewide system deployments and we understand the potential regulatory and technological issues that may arise. This awareness and understanding enables us to combat potential issues, resulting in minimized project risk and project completion on or ahead of schedule.*

Our People: *The professionals at Commdex average over 15 years of experience in the industry with advanced degrees in engineering/management and/or professional certifications. By attending mandatory training classes in safety, quality, current technologies and effective management techniques, our employees become well rounded subject-matter experts who can provide you with the best services and solutions.*

System Insights:

Proactively identify potential issues, predict equipment failures, and streamline DAS maintenance from an easy-to-use centralized platform for end-to-end visibility from a single screen.

Complete Visibility:

Monitor multiple DAS systems simultaneously, whether public safety radio or carrier systems, as well as support systems such as power and environmental systems.

AI-Powered Insights:

Utilize AI to detect anomalies, gain insights, and offer solutions in order to proactively manage your connected ecosystem.

Real-Time Remote Management:

Remotely access the native interface of the device to make any configuration changes with ease and efficiency, ensuring a smooth user experience.

Advanced Custom Reporting:

Query-based reporting system synthesizes key system metrics so you can have granular details for any device available when you need it.

