

Commercial  
Solutions



# In-Building Wireless (DAS/ERRCS) Solutions

## SYSTEM INTEGRATION SERVICES

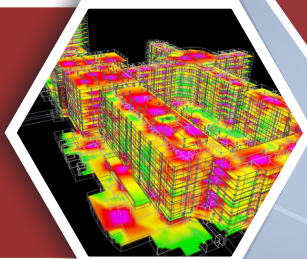
### 01. Planning

- Network coverage and capacity requirements gathering • Existing network benchmarking
- Baseline Testing • On-site baseline coverage analysis • Capacity planning • Technology and product selection • Security needs analysis



### 02. Design

- In-building propagation analysis with iBwave
  - Bandwidth & link budget analysis
  - System layout and mapping
  - Traffic engineering and analysis
- Interference studies and macro network analysis



### 03. Deployment

- End-to-end DAS installation • R56 Compliant
  - Full construction management
- Macro network optimization • Head-end equipment installation and testing • System optimization and acceptance testing • Public Safety compliance and coordination



### 04. Maintenance

- Remote system monitoring, Collection and reporting via SNMP • System alerts via SMS or email • On-site service calls
- Spares warehousing and RMA support



**Nationwide Experience:** Supported hundreds of mission critical systems in all 50 states

**Critical Communications Expertise:** Staffed with fully qualified engineers experienced and certified in the latest technology/tools

**Custom Solutions:** Multiple OEM Certifications to offer turnkey telecom solutions tailored to meet your needs

**Faster Implementation:** Proven processes ensure projects are completed on-time and on-budget



As a member of the Safer Buildings Coalition, we have access to the most current requirements being utilized across the country, as well as influence in new standards being developed to further the mission of reliable in-building communications for our emergency responders.



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## Past Performances



### URENCO - Eunice, New Mexico

- Provided an active fiber DAS to provide radio coverage in four campus buildings.
- Performed extensive on-site RF analysis to design around complex equipment located throughout each building with no impact to coverage.
- Installed direct fiber connectivity back to primary radio tower site over one mile away
- Total fiber solution was used to maintain clearance of copper cabling from classified systems.

### DOW Chemical - Midland, Michigan

- Installed DAS systems in seven buildings spanning a 7-mile area around DOW headquarters.
- Installations included both office and lab buildings
- Provided complete turnkey design, installation, commissioning and testing of each building



### Curaleaf - Blue Anchor, New Jersey

- Public Safety Emergency Responder Radio Communication System (ERRCS) requirement for a newly renovated growth facility
- Commdex provided Professional Services for the design, commissioning, and testing services in support of the local electrical contractor.

### St. Ann Catholic Church - Marietta, Georgia

- Public Safety requirement for a newly constructed addition to the existing church building
- Design considerations for aesthetic requirements met
- Expedited materials and installation to meet Church's event schedule



To engage with us for all your communications needs, contact us at [sales@commdex.com](mailto:sales@commdex.com)