

DAS: Nextivity Cel-Fi WilsonPro JMA Wireless, SOLiD, ADRF, CommScope Airspan, Airtower, Anixter, Honeywell Comba, Corning, Prevail, Zinwave



Private 5G: Ericsson Nokia ZTE Huawei Celona AWS Azure NEC Cisco, Samsung, Fujitsu, JMA CradlePoint, Corning, Airspan



RF Surveys: Private/Public WiFi/VoFi, Fiber/MDF/IDF + Power audit, Indoor/Outdoor 5G/LTE, ERRCS certification



MSP: DASaaS MSP options, Private 5GaaS eSIM MSP provisioning



DAS/5G Services Overview

JMXi has a Global team of RF/Wireless and Network Engineers offering a wide range of Professional/Managed Services across all facets of Enterprise IT design consultation & implementation. DAS/5G is at the forefront of our key focus areas with our RF Engineers having years of expertise across all industry leading Vendor/OEM solutions. Our RF Teams have worked directly for all USA Carriers (including Verizon, AT&T and T-Mobile) having experience with Outdoor Cities Public Sports Stadiums, Theaters, Industrial, Nuclear, Manufacturing, Public Safety, Hospitals, Colleges, wSP Carrier designs, OT, ICS, IIoT, MIIoT & more.

DAS



- Carrier-Grade Cellular DAS Macro/SmallCell/BTS Off-Air, Repeater design, implementation & audit
- Active/Passive/Hybrid/Digital iDAS/oDAS, PCI/RSI RF planning, and In-Building performance metrics
- IFC 510 compliant Public Safety DAS ERRCS Cert
- 5G, 4G LTE, 3G-UMTS/EVDO, 2G-GSM/CDMA VoLTE LTE-M NB-IoT WCDMA HSPA+ HSDPA
- Multi-Carrier, Multi-Band, International/Global with DAS remote Cloud GUI dashboard management
- **Design Tools:** iBwave Ranplan Asset Ekahau 5G Atoll, Odyssey, Automatic Cell Planner and more

RF/Site Surveys



- ERRCS certification prep/consulting, RF Inhibitor analysis, grid testing Donor Signal source mapping Spectrum + RF propagation assessments, Drone Auto-Pilot programming 5G Survey Path designs
- Indoor/Outdoor 5G/LTE Surveys GAP analysis Private/Public WiFi/VoFi Fiber/MDF/IDF audit
- Quarterly, Semi-Annual, Yearly RF Survey options (with Spectrum/Channel analysis and Grid Testing)
- **RF Scanners:** PC-Tel Seehawk Infovista TEMS Epiq PRISM, Keysight Nemo, Rohde/Schwartz QualiPoc, Accuver XCAL, Enhancell, and Falcon

Private 5G



- Private 5G/LTE design, assessment & deployment
- 5G NR/4G LTE, eMBB, mMTC, mmWave, TDD FDD, mMIMO, URLLC, 5G-IoT, RFDS integration
- 5G/4G eNB, NR-gNB, EPC, RAN, ORAN, vRAN VNF/CNF consultation, security & design planning
- CSI-RS, PT-RS, PDSCH DM-RS signal analysis
- Azure Private 5G Core, Azure Stack Edge Pro via Kubernetes Cluster, Azure Arc + Azure Resource Manager, Azure P MEC, Stack HCI, Virtual WAN
- **iBwave Expertise:** Design Enterprise Public Safety Private Cellular Reach Unity Mobile Planner Survey

MSP Options



- DAS, 5G, eSIM, Multi-Carrier/Vendor MSP options
- DAS/5G best practices security + RF assessments
- SIEMaaS Syslog Proxy filtering & RF log analysis
- REST API integrations, Proxies, and AI Add-Ons
- **RFaaS:** 5G DAS Spectrum monitoring & alerting 24/7/365 Triple-Tier RF Engineering escalation
- **Pen Testing:** 5G/Cellular, DAS, Internal/External WiFi, WebApp, Onsite Exploits, Physical Access
- **Certs/Licenses:** iBwave Levels 1/2/3; Ranplan Levels 1/2, FCC-GROL, 4G, Nokia/Ericsson 3G SOLiD Design, Federated Wireless CBRS CPI

