Extend your Infrastructure to the Edge with the versatility of a true Mobile Data Center and Communication Hub

Agile Edge Solution where you need it the most
The modern world has exploded with billions of devices producing vast amounts of data and information. A majority of these devices are not sitting in a single building, but are being used in every corner of the world in what is called the “Edge”. Organizations are struggling to process and collect this data to create actionable intelligence. The Acuity® Micro Data Center is built to support the Edge by providing the first fully portable edge Micro Data Center and communication hub.

Living in an Internet of Things (IOT) World
25 years ago the only devices connected to the internet were computers – now everything is connected including industrial machines, cars, even your home appliances. Acuity provides companies with the ability to locally process data at the source and create intelligence for local and remote consumption. Now the only decision a company needs to make is either to keep their produced data at the edge or use Acuity’s secure communications to transport data back to the main data center. Acuity provides the power to handle vast amounts of data in edge pockets to save time and transportation bandwidth.

- Portable 30 Lbs package
- WiFi and LTE included
- Secure SD-WAN management Full
- Virtualization ready
- Identity management
- Failsafe delivery
- Public & Private Cloud connectivity
Whether you are an emergency response team or a remote infrastructure repair group, Acuity® can provide the ability to quickly deploy a secure communicate hub within minutes.

### Operationally Flexible
- Can be utilized as edge device or main data center.
- Run applications locally, remote applications on another Acuity unit, or back end services at your main data center.
- Create a cluster of Acuity units to share performance
- Work standalone and automatically sync data when connection is restored.

### Communication Suite Capabilities
- Secure communications over LTE, WiFi and local POE.
- Unified Communications (Voice and Video).
- Replacement for Multiprotocol label Switching (MPLS) VPN
- Exchange 2016 and Outlook
- Active Directory Services

### Advanced Routing
- Session Migration
- Load Balancing and Failover
- Micro-/Hyper-segmentation
- Virtual Network Function (VNF)
- Secure Vector Based Routing

### Storage:
- Up to 10TB built in storage with unlimited external expansion capacity
- Size: 19.78” L x 15.77” W x 7.41” D
- Weight: 30lbs fully loaded
- Monitor: 9” x 7” VGA
- Connections: 2x10 GE SFP+, 1x1 GE SWMG, 1x1 GE AUX, 1x1 GE PWR MGT, 8x1 GB POE
- Power: DC 9-14 VDC, AC 120-240 VAC, External Battery Pack (optional)
- **Routing Configurations**: Scalable SD-WAN Routing, Vector Based Routing
- **Cards**: 10 Intel i7 servers that provide up to 40 Cores (80 threads) and 160 GB DDR RAM

### Mobile Connectivity Options:
- WiFi, 4/5G LTE, Satellite/VSAT (external/optional)

### Security:
- FIPS 140-2, Tunnels, IPSEC (DES) 56-bit, Triple Data Encryption Standards (3DES) 168-bit, MD5, SHA-1, SHA-128, and SHA-256 authentication, Zone-based IP spoofing, Network attack detection, DOS anomaly based screening

### Services:
- Consulting, Configuration Management: Integration, Installation, Training, Maintenance, NOC Support, Professional Services

### Ongoing Support Options:
- 7x24 Technical Support, Software Licensing, Capability as a Service (36 month technical refresh), Repaid and Return, Re-Configuration and Configuration Management