RDU MIGHTYMAXX

The Rapid Deployment Connectivity Solution



Adaptable Technology & Specifications

The RDU MightyMaxx is engineered with solid-state technology and industry-standard 4x4 Access Points to provide stable user access to cloud applications

- ✓ Rapid deployment in minutes, not days
- ✓ Secure access to cloud and business applications
- ✓ Supports business continuity and disaster recovery
- ✓ Enterprise-grade 4x4 wireless connectivity
- ✓ Reliable performance in remote and challenging environments

INTEROPERABILITY

Seamlessly integrates with existing systems and networks across your infrastructure.

AUTONOMOUS SYSTEM

Operates independently with intelligent automation for reduced complexity and risk.

MISSION CRITICAL

Built for the moments that matter most—when failure is not an option.

RDU MightyMaxx

Rapidly Deploy Secure, Resilient Connectivity Anywhere

Ensuring Business Continuity When and Where It Matters Most™

RDU MightyMaxx Limited *is a U.S.-based technology company specializing in rapid deployment communications systems. Headquartered in Norman, Oklahoma, in 2022, we design and manufacture rugged, interoperable solutions that enable secure and resilient connectivity when and where it matters most.*

Our flagship product, ***the MightyMaxx Smart Rapid Deployment Unit****, is engineered to bridge critical communication gaps in emergency response, government operations, event production, industrial sites, and enterprise continuity scenarios. Built with solid-state technology and a focus on real-world performance, MightyMaxx units deploy in minutes and operate reliably in challenging conditions.*

CERTIFICATIONS: CMMC

OUR MISSION: *We develop innovative products and services for clients who demand dependable performance in complex operational environments.*





DUAL STACK
RDU

AVAILABLE IN 20 – 40 FT



STANDARD
RDU

AVAILABLE IN
20 – 40 FT



TACTICAL
RDU

AVAILABLE IN 56– 70 FT



AVAILABLE IN 80 - 120 FT RDU TRAIN MOUNT



AVAILABLE IN 80 FT
RDU FLATBED MOUNT

RDU MIGHTYMAXX COMES IN FIVE CONFIGURATIONS



TACTICAL RDU



DUAL STACK RDU



STANDARD RDU

Essential Features

- Rapid deployment of sensors and antennas to significant heights – 8 minutes to 80 ft. / 24m
- Payload up to 1,200 lb. / 544 kg
- Available in 80 ft. / 24m and 120 ft. / 36m heights
- Telescopic Mast Lifts the Payload – No cranes required
- Powerful Automatic Locking System – maintains height indefinitely – even without power
- Minimized mast twist with Full-length mast section keys
- Integrated Controls
  - Fully integrated control system
  - PC control capable
    - CAN-bus J1939
    - RS485 Serial



HEAVY DUTY 80FT TRAIN OR FLAT BED SOLUTION





MINI MAXX

- MINIMAXX IS AN ENTRY-LEVEL OPTION THAT CAN BE FIELD-UPGRADED TO A FULL MIGHTYMAXX. WHAT IS INCLUDED IN A MINI IS A HAND-CRANK MAST WITH AI EQUIPMENT MONITORING FOR THE SATELLITE, ROUTER, AND POWER PLANT. NO NOC; ALL NOTIFICATIONS GO TO THE CUSTOMER. ONBOARD AI REMEDIATION AND NOC IS INCLUDED IN THE FULL RDU SOLUTION.




RDU









- **RDU MightyMaxx Overview**
- RDU MightyMaxx acts as a mobile "smart tower." It's not just structural hardware; it arrives as a robust, pre-configured technology hub for emergency management, remote industrial environments, and tactical communication.

- **Pneumatic Mast System:** Uses air pressure for expansion and features high wind tolerances (up to 100 mph).
- **Built-in Connectivity:** Features multi-carrier **Massive Client Capacity. Power Ecosystem:** Fan-free, silent DC architecture powered by grid power, solar arrays, batteries, and AI-controlled generators; mast height and all network-manageable components.
- **Vandal-Resistant side panels:** Built with 100% steel panels, double-lock side panels, and protective NEMA enclosures to prevent theft or tampering on unmanned job sites. AI sensors to self-protect
- **Uses Will-**Burt masts for Commercial and military-grade solutions. Will-Burt is considered the leader in mast production and quality.
- **4x NEMA enclosures, weatherproof and washdown, corrosion-resistant**
- **Open Hardware Architecture:** Does not lock you into any network or software ecosystem.
- **Anti-drone system included in this quote**
- **Drone platform add-on**
- **AI camera imaging platform add-on**.
- The best solution depends entirely on your operational goals. If you need immediate, high-capacity field communications or a basic COW trailer solution, **RDU MightyMaxx** is the superior choice.

Mobile Tower Options Comparison

Feature	FirstNet miniCRD	FirstNet CRD	FirstNet CRD	T-Mobile SatCOLT / SatCOW	T-Mobile Nomad XL	RDU MIGHTYMAXX
						
Primary Use Case	Ultra-portable, localized off-grid coverage.	Towable, medium-scale disaster recovery.	Heavy-duty, high-capacity mobile hub.	Enterprise/Disaster cell tower on wheels.	Massive mobile command & macro tower.	Enterprise/Disaster cell tower on wheels.
Ownership Model	Agency-purchased (~$35k).	Agency-purchased (~$99k).	Agency-purchased (~$85k).	Carrier-deployed (T-Mobile ERT).	Carrier-deployed (T-Mobile ERT).	Agency-purchased (~$165k).
Footprint / Weight	~85 lbs (fits in cases).	~650 lbs (towable trailer).	~620 lbs (hitch-mounted).	Medium to large truck/trailer.	Heavy-duty logistics command vehicle.	~1200 lbs (hitch-mounted).
Coverage Radius	1 to 3 square miles.	12 to 50 square miles.	12 to 50 square miles.	2 to 5+ square miles.	Macro-level regional coverage.	12 to 50 square miles.
Primary Backhaul	Satellite / Terrestrial.	Satellite (ViaSat / Starlink).	Satellite (Starlink bundled).	Satellite (T-Satellite / Starlink).	Satellite, Microwave, & Fiber.	Satellite, Microwave,MESH, & Fiber.
Setup Time	Under 5 minutes.	Under 10 minutes.	Under 10 minutes.	Scaled within hours of request.	Deployed via specialized dispatch.	Under 10 minutes.
Onboard Power Plant	Generator or Solar Panel option, limied power storage	Generator or Solar Panel option, limied power storage	Generator or Solar Panel option, limied power storage	Generator or Solar Panel option, limied power storage	Generator or Solar Panel option, limied power storage	AI manages all power allows for power storage and conditioning while generating power of outside resources as needed.The power system is designed to hold 5 days of serviceable energy before introducing a generator or a solar cell panel system
AI onboard, AI managed, AI Remediations capable locally	None	None	None	None	None	AI manages all power related devices onboard
Requirement for manual onsite inspection or frequently scheduled maintenance for months, NOC oversight,	Does Require	Does Require	Does Require	Does Require	Does Require	DOES NOT REQUIRE: NOC support. With onboard AI and Extended power resources, the system does not require frequent manned attention. Monitoring is remote.

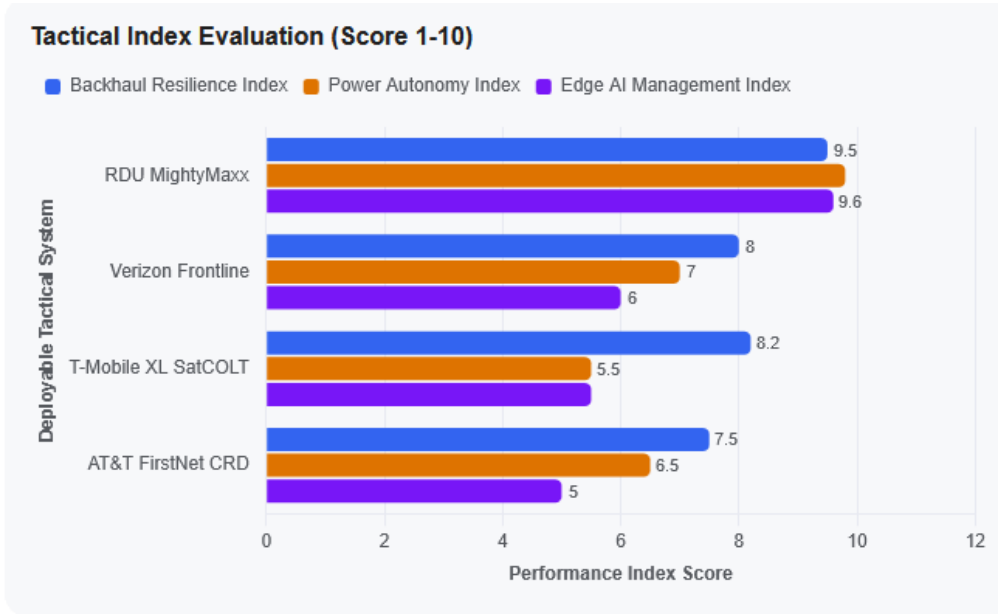
The comparison below breaks down the technical output, structural footprint, and deployment capabilities of the RDU MightyMaxx Smart Tower against the frontline tactical units from major carriers: T-Mobile's XL SatCOLT/SatCOW, AT&T's FirstNet Compact Rapid Deployable (CRD), and Verizon Frontline's Rapid Response Connectivity Unit / SatRunner. **Operational & Output Breakdown**

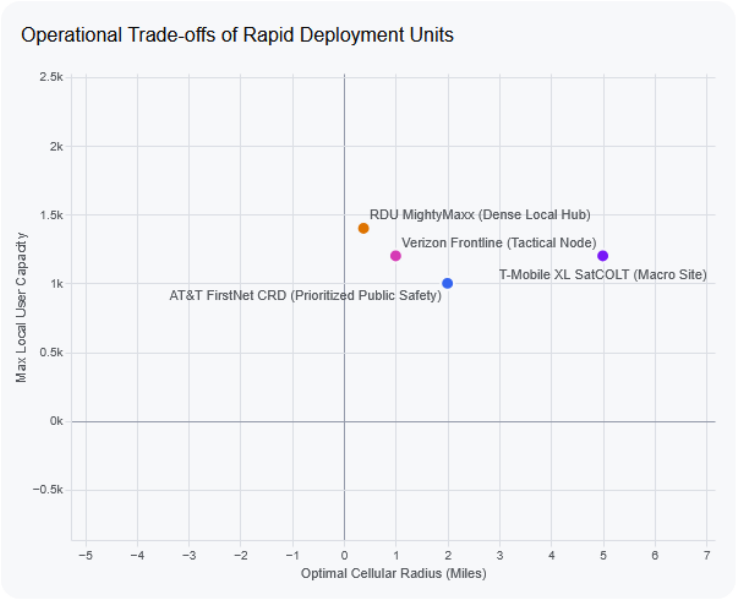
- **RDU MightyMaxx Unit:** Operates as a dense, high-capacity, multi-carrier tactical cube. It is carrier-agnostic, supports up to 5 concurrent WAN pathways, and offers exceptionally high localized Wi-Fi capacity (up to 1,400 simultaneous clients). It bridges localized bubbles using Starlink or multi-SIM cellular bonding.

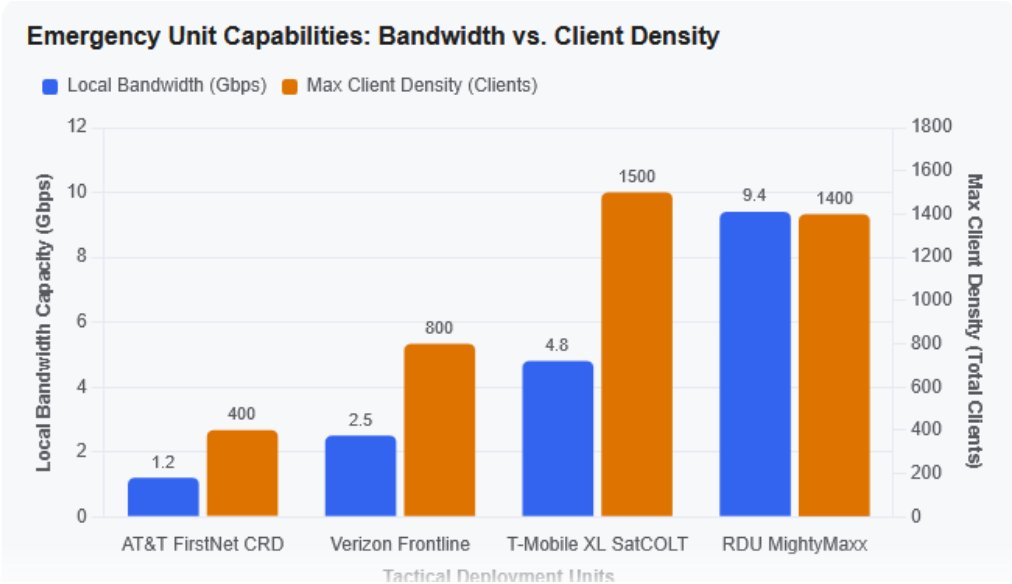
- **T-Mobile XL SatCOLT / SatCOW:** These are massive, macro-grade infrastructure assets built on commercial truck or heavy trailer platforms. They host high-power, multi-band 5G radios that can restore network access across an expansive 3 to 5-mile radius via heavy-duty 65 to 100-foot masts.

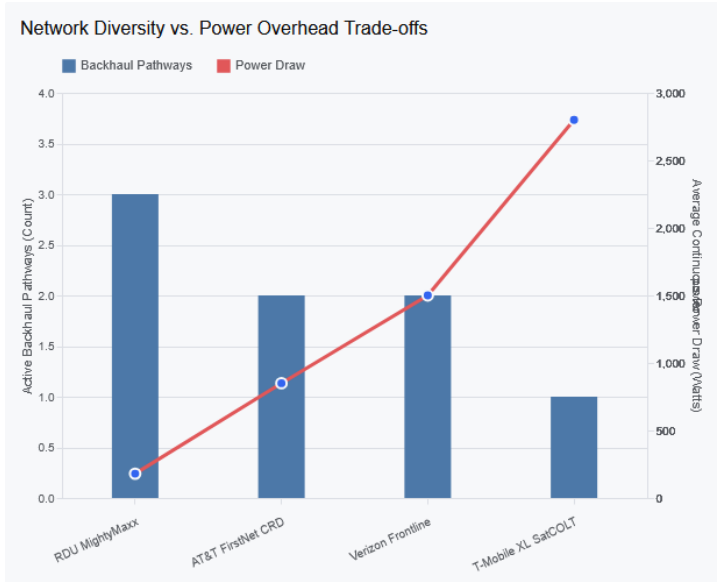
- **AT&T FirstNet CRD:** A highly specialized public safety unit emitting a dedicated, high-power Band 14 FirstNet LTE signal. It prioritizes mission-critical traffic, offering up to 50 square miles of Power Class 1 HPUE (MegaRange) cellular coverage and up to 1,000 local connections. [1, 2, 3]

- **Verizon Frontline Rapid Response / SatRunner:** Built as an all-terrain motorized carriage or modular hitch device. It is C-Band 5G enabled, supports LEO/MEO satellite backhaul, and feeds integrated 4G/5G network extenders built to support localized 5G network slicing for up to 120 active public safety users


Tactical Index Evaluation (Score 1-10)
Backhaul Resilience Index
Power Autonomy Index
Edge AI Management Index
Deployable Tactical System
RDU MightyMaxx
Verizon Frontline
T-Mobile XL SatCOLT
AT&T FirstNet CRD
9.5
9.6
8
7
6
8.2
5.5
7.5
6.5
5
0
2
4
6
8
10
12
Performance Index Score


Operational Trade-offs of Rapid Deployment Units
Max Local User Capacity
2.5k
2k
1.5k
1k
0.5k
0k
−0.5k
RDU MightyMaxx (Dense Local Hub)
Verizon Frontline (Tactical Node)
T-Mobile XL SatCOLT (Macro Site)
AT&T FirstNet CRD (Prioritized Public Safety)
−5
−4
−3
−2
−1
0
1
2
3
4
5
6
7
Optimal Cellular Radius (Miles)


Emergency Unit Capabilities: Bandwidth vs. Client Density
Local Bandwidth (Gbps)
Max Client Density (Clients)
Local Bandwidth Capacity (Gbps)
Max Client Density (Total Clients)
12
10
8
6
4
2
0
1800
1600
1400
1200
1000
800
600
400
200
0
1.2
400
2.5
800
4.8
1500
9.4
1400
AT&T FirstNet CRD
Verizon Frontline
T-Mobile XL SatCOLT
RDU MightyMaxx
Tactical Deployment Units


Network Diversity vs. Power Overhead Trade-offs
Backhaul Pathways
Power Draw
Active Backhaul Pathways (Count)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
3,000
2,500
2,000
1,500
1,000
500
0
RDU MightyMaxx
AT&T FirstNet CRD
Verizon Frontline
T-Mobile XL SatCOLT

INTEROPERABILITY
Seamlessly integrates with existing systems and networks across your infrastructure.

AUTONOMOUS SYSTEM
Operates independently with intelligent automation for reduced complexity and risk.

MISSION CRITICAL
Built for the moments that matter most—when failure is not an option.

MightyMaxx is a free-standing solution for ease of deployment and safety.
Cassis size is based on the height of the mast and the weight of the payload

Pneumatic Mast								
Part Number	Model	Collar Type	Class	Maximum Payload Capacity (lbs.)	Maximum Payload Capacity (kg)	Nested Height (ft.)	Extended Height (ft.)	Chassis Dim.
906021	MMP-MAST 1	Non-Locking	Standard Duty	70	32	5.3	20	4 ft cube chassis
710303005	MMP-MAST 3	Non-Locking	Heavy Duty Low Profile	200	91	6	29	5 ft cube chassis
906027	MMP-MAST 2	Non-Locking	Standard Duty	100	32	8	30	5 ft cube chassis
906043	MMP-MAST 5	Locking	Heavy Duty	200	91	7	30	5 ft cube chassis
710304204	MMP-MAST 4	Non-Locking	Heavy Duty Low Profile	200	91	6	42	6 ft cube chassis
906045	MMP-MAST 6	Locking	Heavy Duty	200	91	7	42	6 ft cube chassis



MILITARY (NON-LOCKING) TELESCOPING MAST

- *Constructed of high strength heat-treated 6061-T6 aluminum tubes*
- *Heights up to 76 feet (23 m)*
- *Payloads up to 1500 pounds (680 kg)*
- *Commercial-off-the-shelf (COTS) models available*

Pneumatic HD Locking Mast MIL-STD-810F Qualifications

Pneumatic HD Locking Mast MIL-STD-810E Qualifications	
Solar Radiation	Per MIL-STD-810E, Method 505.3
Rain	Per MIL-STD-810E, Method 506.3
Humidity	Per MIL-STD-810E, Method 507.3
Salt Fog	Per MIL-STD-810E, Method 509.3
Sand and Dust	Per MIL-STD-810E, Method 510.3

Military Non-Locking Mast Specifications

Heavy-Duty Non-Locking Masts Specifications

Model	7.5 m	10 m	12.5 m	15 m	17 m
Nested Height	6 ft. / 1.8 m	6.7 ft. / 2 m	7.3 ft. / 2.1 m	8.7 ft. / 2.7 m	9.6 ft. / 2.9 m
Extended Height	25 ft. / 7.6 m	32.9 ft. / 10 m	41.2 ft. / 12.5 m	48.6 ft. / 14.8 m	56.17 ft. / 17.1 m
Payload Capacity	200 lb. / 91 kg	300 lb. / 136 kg	200 lb. / 91 kg	300 lb. / 136 kg	300 lb. / 136 kg
Approximate Mast Weight	110 lb. / 50 kg	200 lb. / 90 kg	235 lb. / 107 kg	275 lb. / 125 kg	296 lb. / 135 kg
Tube Diameter	6.75 in. - 3 in. / 171-76 mm	9 in. - 3.75 in. / 229-95 mm	9 in. - 3 in. / 229-76 mm	9 in. - 3.75 in. / 229-95 mm	9 in. - 3.75 in. / 229-95 mm
Maximum Operating Pressure	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)

The Will-Burt line of military pneumatic non-locking telescoping masts are ideal for communications and surveillance applications. These masts are free-standing vehicle-mounted units so no guylines are needed. All pneumatic masts can be either vehicle or trailer mounted. Super heavy-duty models feature greater heights and larger payload capacities.

Features

- **Two full-length external keys on mast sections**
  - Keys and collars maintains directional azimuth
- **Low friction synthetic bearings**
  - Protects mast sections and collars for smooth operation and long life
- **Black Hardcoat anodized and sealed aluminum surfaces**
  - Meets MIL-A-8625 Type III, Class II
  - Extends life of mast and protects against salt fog corrosion
  - Click **here** for a list of mast finishes offered
- **External Wipers**
  - Protects against sand and dust
- **Optional rotatable base for heavy-duty models**
  - Manual directional control
- **Accessories**
  - Click **here** for a list of Will-Burt Pneumatic Accessories

RDU MightyMaxx Tech Specs:

Physical Specifications

- **Footprint:** 5'x4'
- **Transport Height:** 7'
- **Extended:** 23'
- **Weight:** 1,300 lbs

Wireless Technology

- **Industry Standard:** 4x4 Access Points
- **Mobile Cellular LTE Connectivity:** 3G, 4G, or 5G
- **Low Earth Orbit Satellite**

Wi-Fi Capability

- **Band:** Wi-Fi 5, 6, or 7
- **Clients:** up 1,400 based on AP configurations
- **SSID:** Multiple
- **Programmable Bandwidth:** Per SSID/client
- **Range:** at least 2,000 ft. in any direction (with clear line-of-sight)

AI MANAGED AND ONBOARD REMEDIATION



FEATURES

- Rapid deployment in any environment
- Multiple power and uplink options
- Flexible wireless, security, and Internet-of-Things applications
- Operational in all weather conditions
- Co-branding options
- Professional delivery, activation and support services
- Hosted/managed services
- Custom configurations









100% FAN FREE

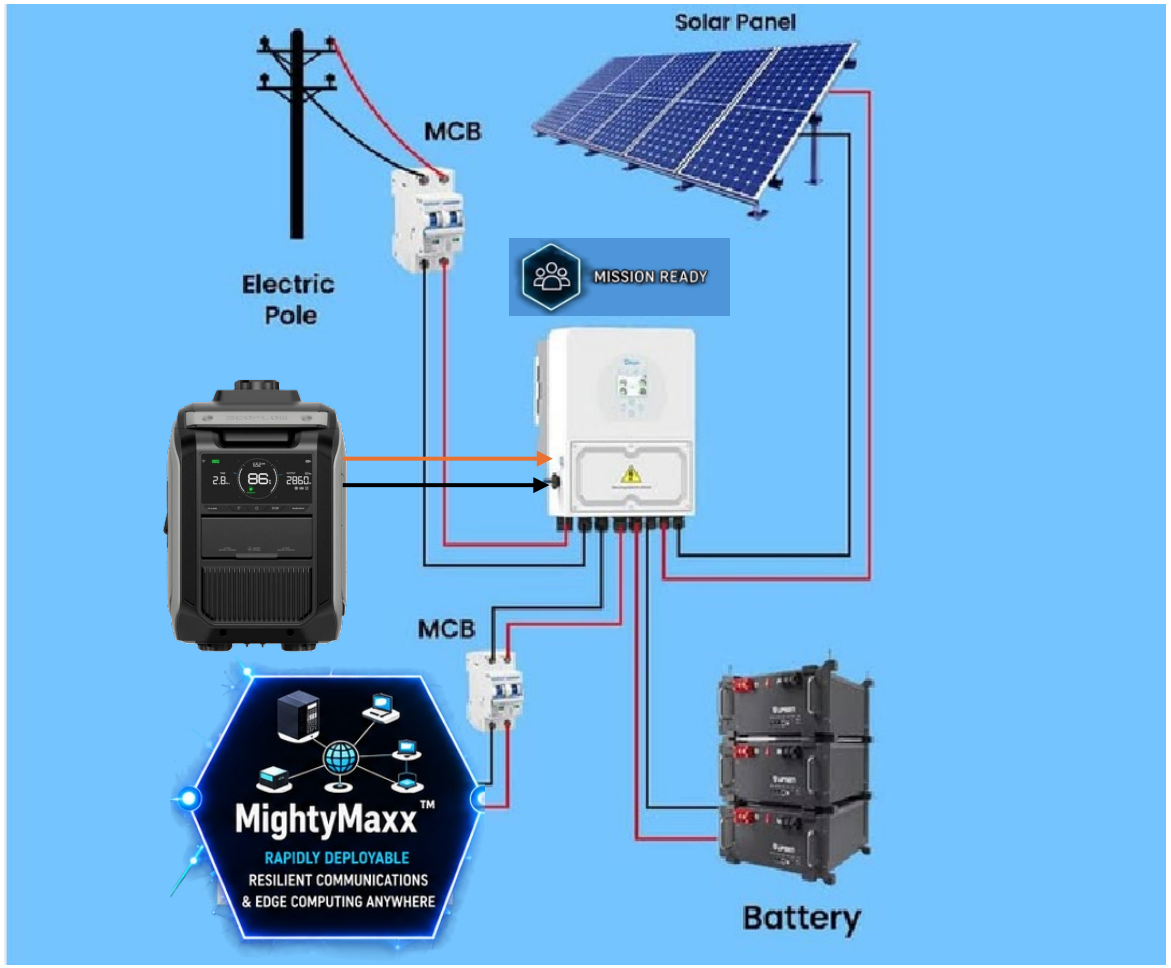


AI CONTROLED
GENERATOR OPTION

ECOFLOW



RDU MIGHTYMAXX POWER PLANT



DC POWER

100% FAN FREE

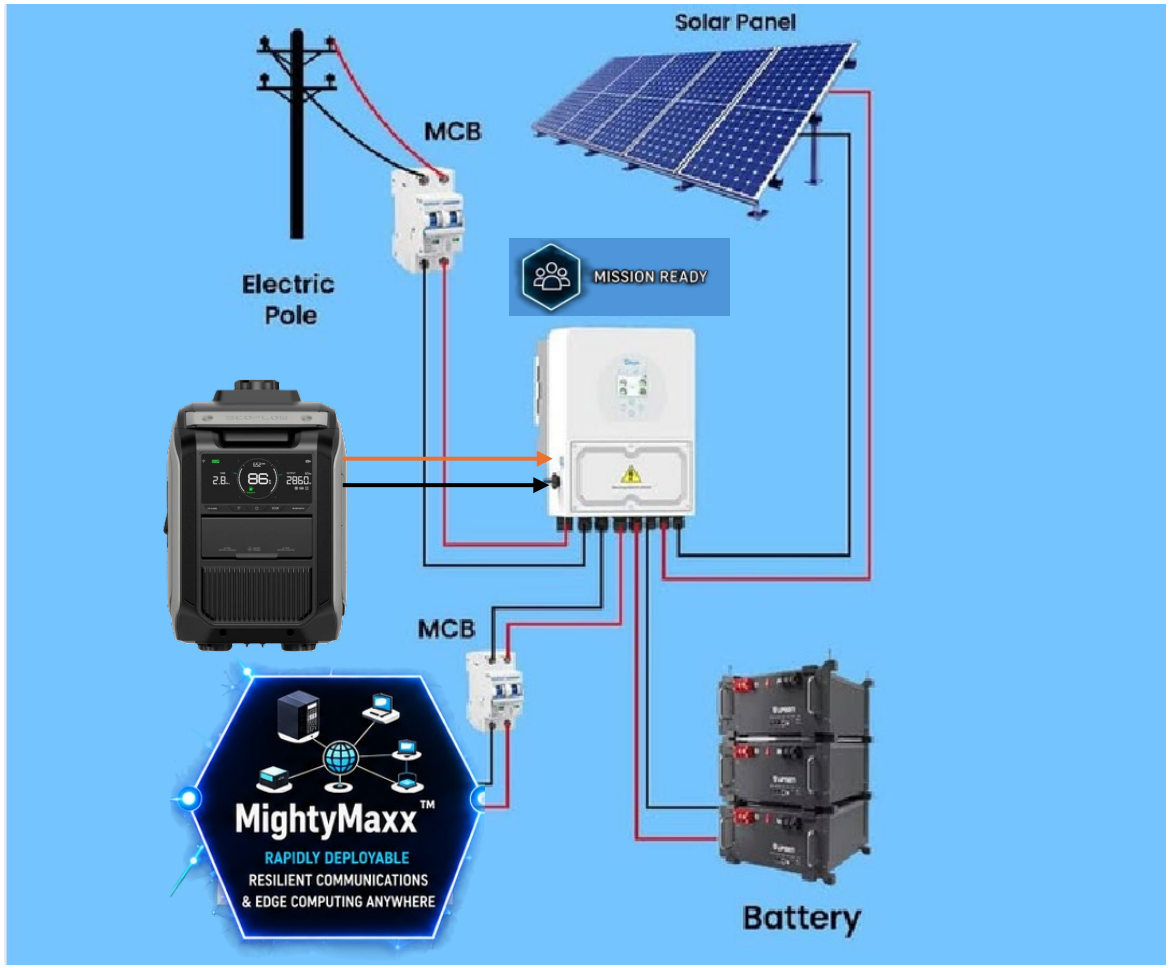


AI CONTROLED GENERATOR OPTION

MEP531A 2kW Military Diesel Generator NEW 6115-01-435-1565



RDU MIGHTYMAXX POWER PLANT



DC POWER





Starlink Plans or other approved SAT services in the local service area

50Gig – idol
500 GB – light use
1 TB – Small LPV
2 TB – Medium LPV
6 TB - Large LPV
GPS onboard

- **Lan to Wan Connectivity**
- **Sec Connect Gov MESH, Microwave**
- **Private LTE, Wan-Priority path 5-Carrier limit**
- **WLAN OEM customer choice**
- **100% hardened solution**

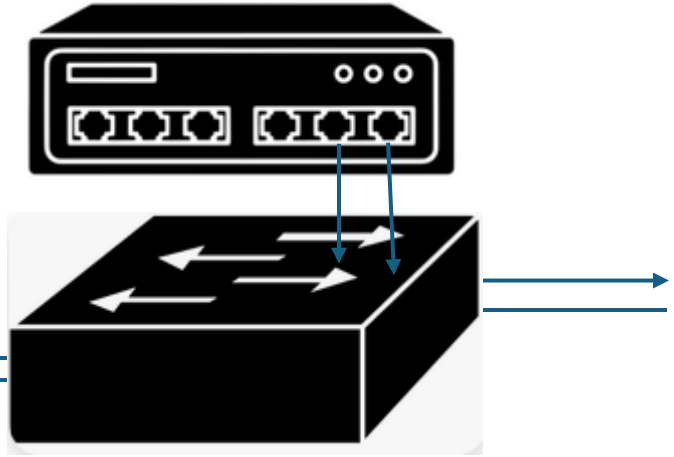


- **Cellular**
- **2 SIM card slots**
- **All carriers approved**
- **ADD SIM CARDS**
- **Recommended to existing plan**



Stacks are rated for 70 lbs or 200 lbs, depending on whether the mast is locking or non-locking. Supports Private 5G, WiFi, etc. Your choice OEM





Connect lo your local network or Temp location fixed or mobile using fiber or copper



RDU MightyMaxx Compatible Anti-Drone Solutions



Core Use Cases

- **Counter-UAS & Airspace Security:**
- **Border & Perimeter Surveillance:**
- **Pop-Up Asset Protection:**

Deploying the Echodyne EchoGuard radar system on the RDU MightyMaxx Smart Tower creates a highly versatile, mobile, rapidly deployable surveillance and counter-unmanned aircraft system (C-UAS) platform. [1, 2]
This combination pairs a market-leading software-defined radar with an autonomous, ruggedized communication and power hub, making it optimized for border security, force protection, temporary event security, and critical infrastructure monitoring. [1, 2, 3]

System Synergy

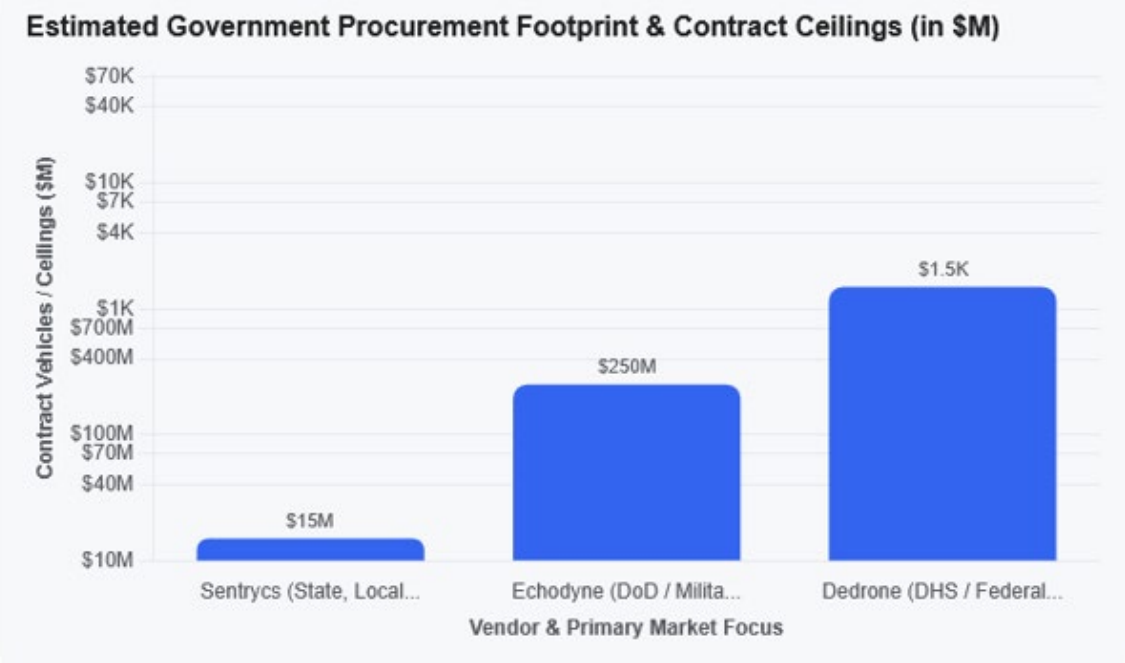
Feature	Echodyne EchoGuard Radar	RDU MightyMaxx Smart Tower	Integrated Capabilities & Benefits
Mobility & Setup	• Ultra-low SWaP (Size, Weight, and Power) • Under 25 kg	• Forklift-ready • Mobile cube chassis • Single-technician deployment	**Rapid Mission Deployment:** The entire system can be fully operational in less than an hour, allowing teams to deploy military-grade radar surveillance anywhere without permanent infrastructure.
Elevation & Reach	• MESA (Metamaterials Electronically Scanned Array) • High-accuracy 3D/4D tracking	• Pneumatic mast • Extends up to 23–42 feet • Winds rated up to 80 mph	**Maximized Line-of-Sight:** Elevating the EchoGuard radar clears ground obstructions and terrain masking. This maximizes its 1km detection range for small drones and low-altitude threats.
Power Autonomy	• Low power consumption (~6 hours on a portable battery)	• Onboard UPS and battery array • AI-controlled gas generator/fuel cells	**Extended Off-Grid Operations:** The MightyMaxx provides continuous power for 84 to 168 hours completely independent of a local power grid, sustaining the radar and communication systems in austere environments.
Data & Connectivity	• TCP/IP data via Gigabit Ethernet	• Multi-carrier 5G/LTE • Starlink LEO	**Real-Time Remote Command:** Radar tracking data, target classification (human, vehicle, drone), and camera cueing feeds

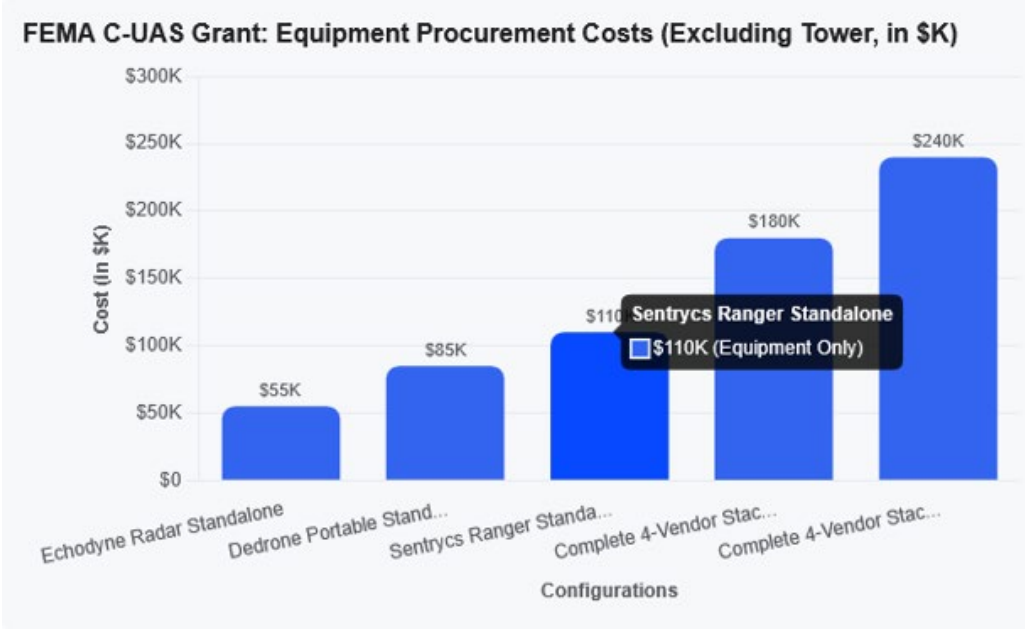
RDU MightyMaxx Compatible Anti-Drone Solutions

To successfully use anti-drone (Counter-UAS) technology on the **RDU MightyMaxx Smart Tower** under the **FEMA FY 2027 C-UAS Grant Program**, the configuration must respect both the physical limits of the tower and the strict compliance rules of the grant (specifically 6 C.F.R. Part 124 and the SAFER SKIES Act framework). [1, 2]
The MightyMaxx features a **23-to-56-foot pneumatic mast** supporting up to **200 lbs. of payload**, integrated **Starlink/5G network backhauls**, and an autonomous battery system delivering **up to 400W continuous DC load**. Because the tower is a transportable, forklift-ready "cube chassis" rather than a fixed installation, it naturally qualifies under FEMA's strict mandate for **mobile or rapidly deployable solutions**. [1, 2, 3, 4]
The following manufactured anti-drone systems are physically, electronically, and legally optimized to integrate directly with the RDU MightyMaxx platform:

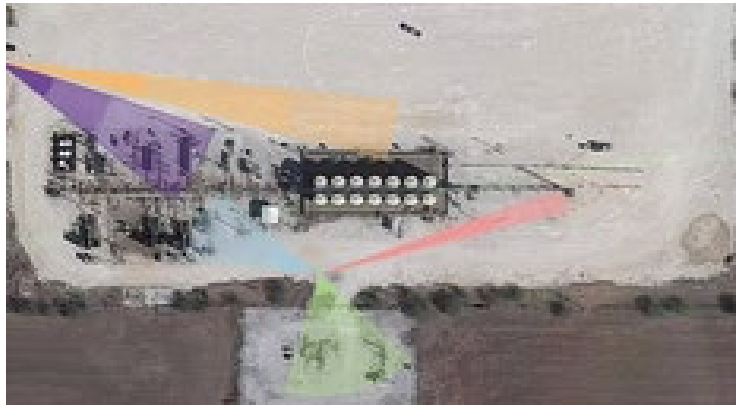
Multi-Criteria Comparison

Evaluation Criteria	Sentrycs Ranger	Echodyne EchoGuard	Dedrone Tracker + PTZ	Ondas Dronebuster Kit
Primary Capabilities	Detection & Mitigation	Detection & Tracking	Detection & Tracking	Mitigation Only
Physical Load (200 lbs max)	**Excellent** (35 lbs)	**Excellent** (25 lbs)	**Moderate** (85 lbs)	**Lightweight** (15 lbs)
Power Profile (400W max)	**Low** (150W)	**Ultra-Low** (100W)	**High** (280W)	**Low** (80W)
FEMA Grant Priority	**High** (ASL Approved)	**Highest** (Radar Focus)	**High** (Multi-Sensor)	**High** (ATL Approved)
Target Drone Types	Commercial (DJI, Autel, etc.)	All (including "Dark Drones")	Commercial / RF-emitting	Commercial / RF-emitting





STRATEGIC PARTNER









AI VISION ANALYTICS

Industrial camera analytics that run at the edge

VisionAery turns the cameras already on your sites into real-time industrial camera analytics — liquid leak detection, fire & smoke detection, and flare monitoring — running on edge GPU hardware at the site and feeding your existing VMS and SCADA through the same alarming paths as third-party analytics.

VISIONAERY

STRATEGIC PARTNER

DRONE AND DRONE LANDING AND CHARGING PAD SOLUTION. ADD-ON PRICING AVAILABLE UPON REQUEST







Operational & Financial Trade-Offs for the RDU MightyMaxx

- **Skydio Ecosystem vs. Open Platform Costs:** The Skydio platform represents a closed, secure ecosystem where the hardware and cloud architecture are tightly integrated to satisfy strict Department of Homeland Security (DHS) guidelines. While the initial upfront cost is high, it includes critical software security tools natively. Opting for a hardware agnostic dock like the **Hextronics** means a lower initial hardware entry point (~$15,000), but you must independently purchase and audit secure, CMMC-compliant drone-in-a-box orchestration software. Dronehub +1
- **Hidden First-Year Integration Line Items:** When engineering a true autonomous deployment for critical infrastructure, expect localized setup fees. Government-facing resellers structure site-commissioning and hardware deployment packages (such as Skydio's 5-day on-site commissioning) at roughly **$35,250**. Annual hardware maintenance contracts featuring comprehensive parts replacement average around **$9,900/year**. Dronehub +1
- **Federal Funding Elasticity:** If your project utilizes FEMA Counter-UAS or State Homeland Security Grant Program (SHSGP) capital, ensure your quotes explicitly itemize the **NDAA Section 848 / Blue UAS** verification to clear procurement hurdles. Because these platforms prevent foreign data exploitation out of the box, these line items are fully eligible for grant coverage, whereas cheaper commercial options (like DJI) face total federal purchasing bans. Dronehub

System Name	Compliance Status	Key Mobile / Technical Attributes	Best Suited Payload Integration
Skydio Dock for X10	**Blue UAS Listed** (Added July 2026)	• Fully American-made and secure • Rapid deployment (airborne in 20 seconds) • Designed for harsh environments	**Skydio X10 / X10D** (Thermal, optical, and night-vision capabilities)
Hextronics Universal / Eclipse	**NDAA Compliant** (Built in USA)	• **Robotic battery swapping** in 80 seconds • IP66 weatherproof enclosure • Operates from −20°C to 50°C	**Drone-Agnostic** (Supports Parrot ANAFI USA GOV, Anzu Raptor, and others)
Valinor Dispatch Dock	**NDAA Compliant** (CRADA with US Army)	• Built specifically for **mobile/off-road platforms** • Onboard compute storage & self-leveling gimbal platform • 1,000W rugged rapid-charging capability	**Short-Range Reconnaissance (SRR)** systems like Teal Black Widow or Skydio X10D


Aruba Wifi
Mightymaxx Battery Dashboard - MightyMaxx - Dashbo
Mightymaxx Battery Dashboard
Data Source
Prometheus-Fortis-Collector-Mightymaxx-30a
Pack
All
MightyMaxx Dashboards
Main Battery Metrics
Battery Status
lsg-1
UP
lsg-2
UP
Battery Model
collector
mac
model
pack
mightymaxx-30a
A4:C1:37:13:46:52
LSG-48100-24040...
lsg-1
mightymaxx-30a
A4:C1:37:53:CF:80
LSG-48100-24040...
lsg-2
Discharge FET On
MightyMaxx Starlink-Prod - MightyMaxx - Dashboards
MightyMaxx Starlink-Prod
Upload
Download
Obstructed Time (rolling 24h)
1.67 min
1.33 min
1 min
40 s
20 s
0 s
Wifi
Last 1 hour
MightyMaxx Dashboards
AP Status
AP Models and MACs
Master / Member Status
AP MAC Address
Master / Member Status
WLAN Total Rx Bytes/s
512 KiB/s
384 KiB/s
256 KiB/s
Battery Cell Temp/Voltage
Starlink-Full
MightyMaxx / MightyMaxx Starlink-Fortis-Cloud-Best
Location Weather (statically Norman OK for now)
Conditions
Cloudy
Humidity
60%
Temperature
79.9 °F
Wind Speed
22.5 mph
Tail

Interoperable AI for Mission-Critical Operations

One Intelligent Platform. Any Network. Every Agency.

ONE INTELLIGENT PLATFORM. UNLIMITED AGENCY COLLABORATION.

DHS
DEPARTMENT OF HOMELAND SECURITY

HSI
HOMELAND SECURITY INVESTIGATIONS

FBI
FEDERAL BUREAU OF INVESTIGATION

CBP
U.S. CUSTOMS AND BORDER PROTECTION

MightyMaxx™
RAPIDLY DEPLOYABLE
RESILIENT COMMUNICATIONS & EDGE COMPUTING ANYWHERE

MightyMaxx™
COMPLETE, REAL-TIME VISIBILITY OF EVERY ASSET, CONNECTION & DEPENDENCY ACROSS ALL NETWORKS

MightyMaxx™
AI-DRIVEN OBSERVABILITY
ANOMALY DETECTION • PREDICTIVE INSIGHTS
RECOMMENDED ACTIONS

USSS
U.S. SECRET SERVICE

U.S. COAST GUARD

STATE & LOCAL
LAW ENFORCEMENT AGENCIES

EMERGENCY
MANAGEMENT & EOC PARTNERS

UNIFIED AWARENESS. SHARED INTELLIGENCE. MISSION SUCCESS.

- Single Operational Picture Across Agencies
- Secure Information Sharing & Data Governance
- AI-Powered Situational Awareness
- Faster Incident Response & Decision Making
- Predictive Network Resilience & Reduced Downtime
- Rapid Deployment When & Where You Need It

INTEROPERABILITY

Open, standards-based architecture that integrates with existing technologies, preserving investments while enabling seamless multi-agency collaboration across any network, any vendor, any environment.

INTEROPERABILITY | **AI OBSERVABILITY** | **RESILIENCE** | **MISSION ASSURANCE**

BUILT FOR TODAY. READY FOR ANY MISSION.

Interoperable AI for Mission-Critical Operations

One Intelligent Platform. Any Network. Every Agency.

DOW



DOW

UNIFIED AWARENESS. SHARED INTELLIGENCE. MISSION SUCCESS.

- Single Operational Picture Across Agencies
- Secure Information Sharing & Data Governance
- AI-Powered Situational Awareness
- Faster Incident Response & Decision Making
- Predictive Network Resilience & Reduced Downtime
- Rapid Deployment When & Where You Need It

INTEROPERABILITY

Open, standards-based architecture that integrates with existing technologies, preserving investments while enabling seamless multi-agency collaboration across any network, any vendor, any environment.

INTEROPERABILITY | AI OBSERVABILITY | RESILIENCE | MISSION ASSURANCE

BUILT FOR TODAY. READY FOR ANY MISSION.

RDU MIGHTYMAXX

MightyMaxx

Military installations, federal response and large outdoor operations



Training and exercise support

Communications for changing outdoor sites

Temporary administrative areas and exercise support facilities.

Connectivity for logistics teams and authorized user devices.

Relocate equipment as camp layout and support demand change.



AI-generated application concept

Enhanced Ruggedized Solutions

Rapid application in extreme conditions



Conceptual ruggedized deployment. Final configuration and environmental ratings require confirmation.

DHS field and port support

Temporary capacity for field operations

Port support areas, temporary facilities and continuity sites.

Connectivity for authorized staff, applications and approved sensors.

Separate agency traffic from contractor or public access networks.



AI-generated application concept

Large outdoor deployments



Distributed units serve work areas, temporary facilities and outdoor access zones.

FEMA disaster response

Connectivity at recovery and logistics sites

Incident support offices and supply distribution staging areas.

Access to authorized logistics, reporting and coordination tools.

Backhaul and power options matched to damaged local infrastructure.



AI-generated application concept

Portable connectivity flexes across venue types

The same portable concept can be adapted to stadium approaches, urban districts, university clusters, and temporary competition sites.



STADIUM ARRIVALS

High-volume ingress, transit interfaces, security zones



URBAN DISTRICTS

Fan circulation, commerce, media, adjacent venues



TEMPORARY SITES

Competition fields, hospitality, production compounds

A common playbook

Site survey
Coverage objective
Backhaul plan
Power & safety
Operations handoff
Measurement

STRATEGIC PARTNER-TMOBILE