

# Disaster Response Network Technology

A Compelling Solution for  
Rapid Network Re-Establishment

[www.batswireless.com](http://www.batswireless.com)

## **BATS Wireless**

*Automated Wireless Networking Solutions*

1-888-955-8228

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# What We Do

**BATS Wireless gives government agencies, corporations, and NGOs the ability to immediately re-establish high-speed wireless communications networks minutes after a catastrophic event.**

## Solution Keys

- Setup to Live Connection: **Less than 15 minutes.**
- Compact Solution: **Pelican-ized for easy transit.**
- High-Speed, Low Latency Connectivity: **All-IP solution for voice, video or data.**
- Islanding Compatible: **Can be run from a generator or solar array.**



# Our Technology

## Quick Deploy 25

- Lightweight: **Less than 35 lbs (15 kg)**
- Medium Range Links: **Suitable for links between 0-15 Miles (25km)**
- All Integrated: **Configured, and deployed as a single matched unit**
- Efficient Power Use: **Low operating power usage.**
- Automated System: **Unit scans, connects, and monitors the link to prevent link disruption without human intervention.**
- High-Speed Capable: **100 Mbps+ connectivity possible for links at 12km.**



# Our Technology

Radio / ODU

## Quick Deploy 25

Antenna Mount

Power / Control Cable

Heavy Duty Tripod

Control Unit Data Cable

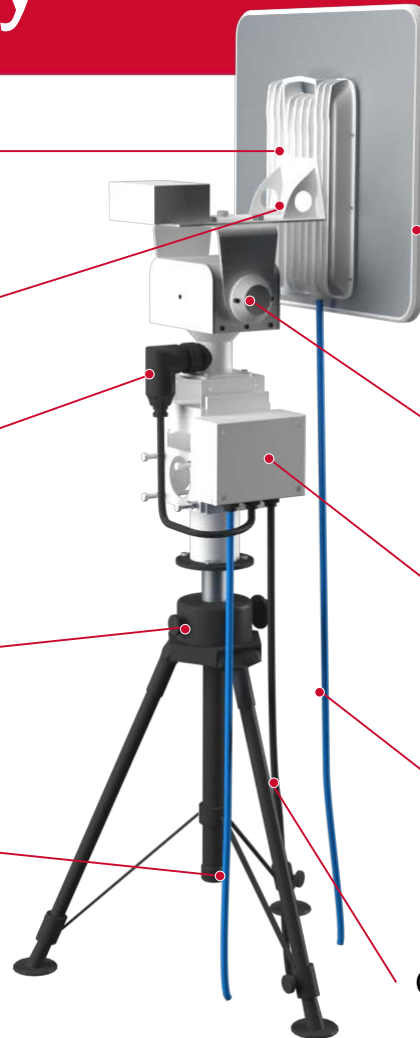
Antenna

Positioner

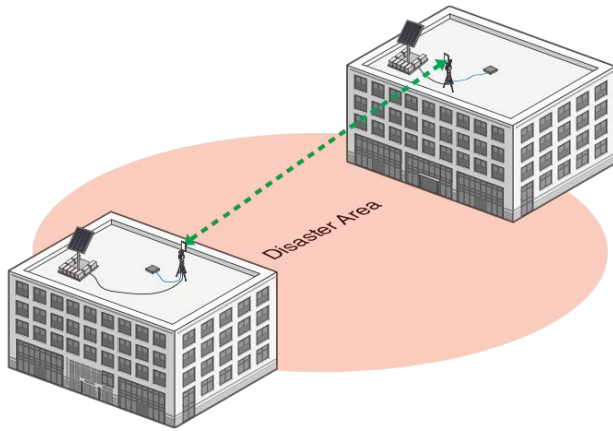
Integrated Control Unit

Radio Data Cable

Control Unit Power Cable



# Deployment Scenarios

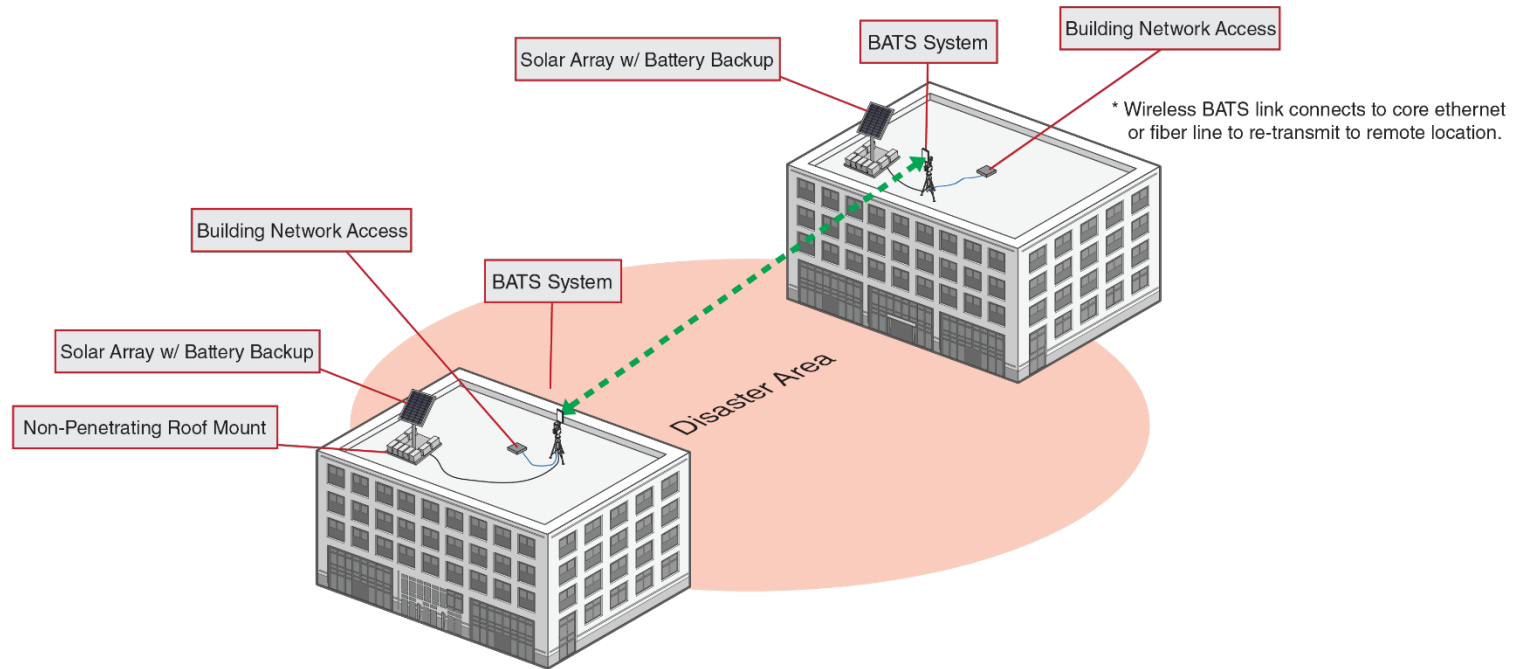


## Core Network Re-Transmission (Point-to-Point)

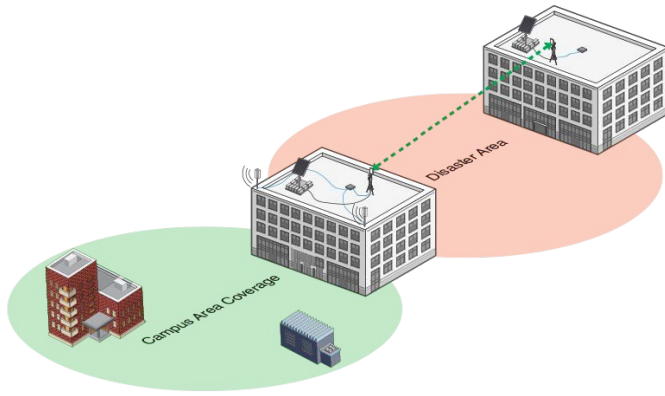
- Ideal for damaged transmission infrastructure
- Replaces cut copper or fiber line with wireless
- Eliminates possible outages due to disaster clean-up or utility re-construction
- Covers long distances with links immune to ground conditions.
- Links can be re-directed to better access points immediately, or monitored via remote access.

# Deployment Scenarios

## Core Network Re-Transmission (Point-to-Point)



# Deployment Scenarios

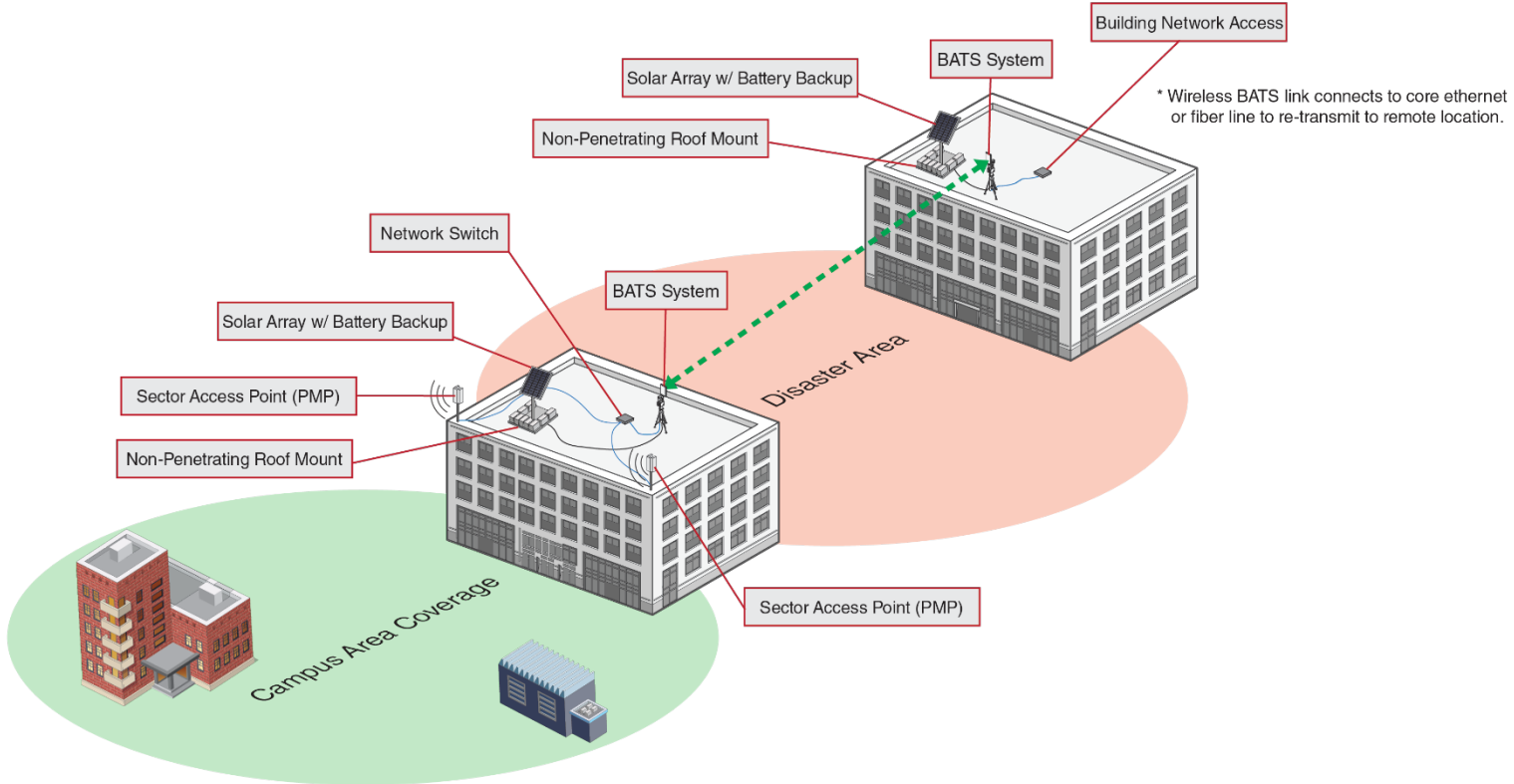


## Network Distribution Point (Point-to-Multipoint)

- Ideal for reconnecting multiple sites
- Connects multiple buildings or subscribers to distributed access points.
- Designed for campus-wide or large-area flexible coverage
- Suitable for complete independent network rollout.

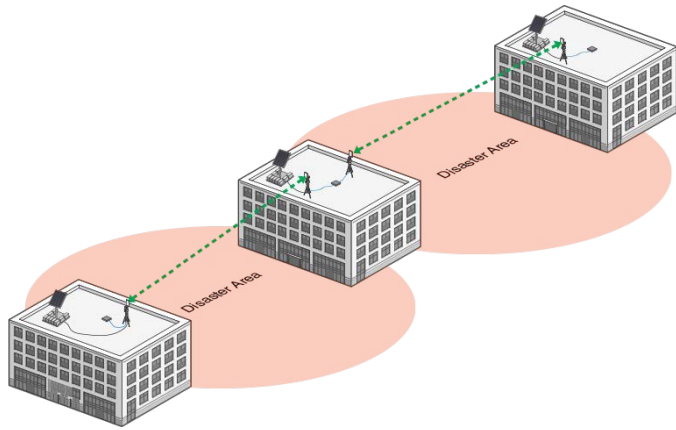
# Deployment Scenarios

## Network Distribution Point (Point-to-Multipoint)





# Deployment Scenarios

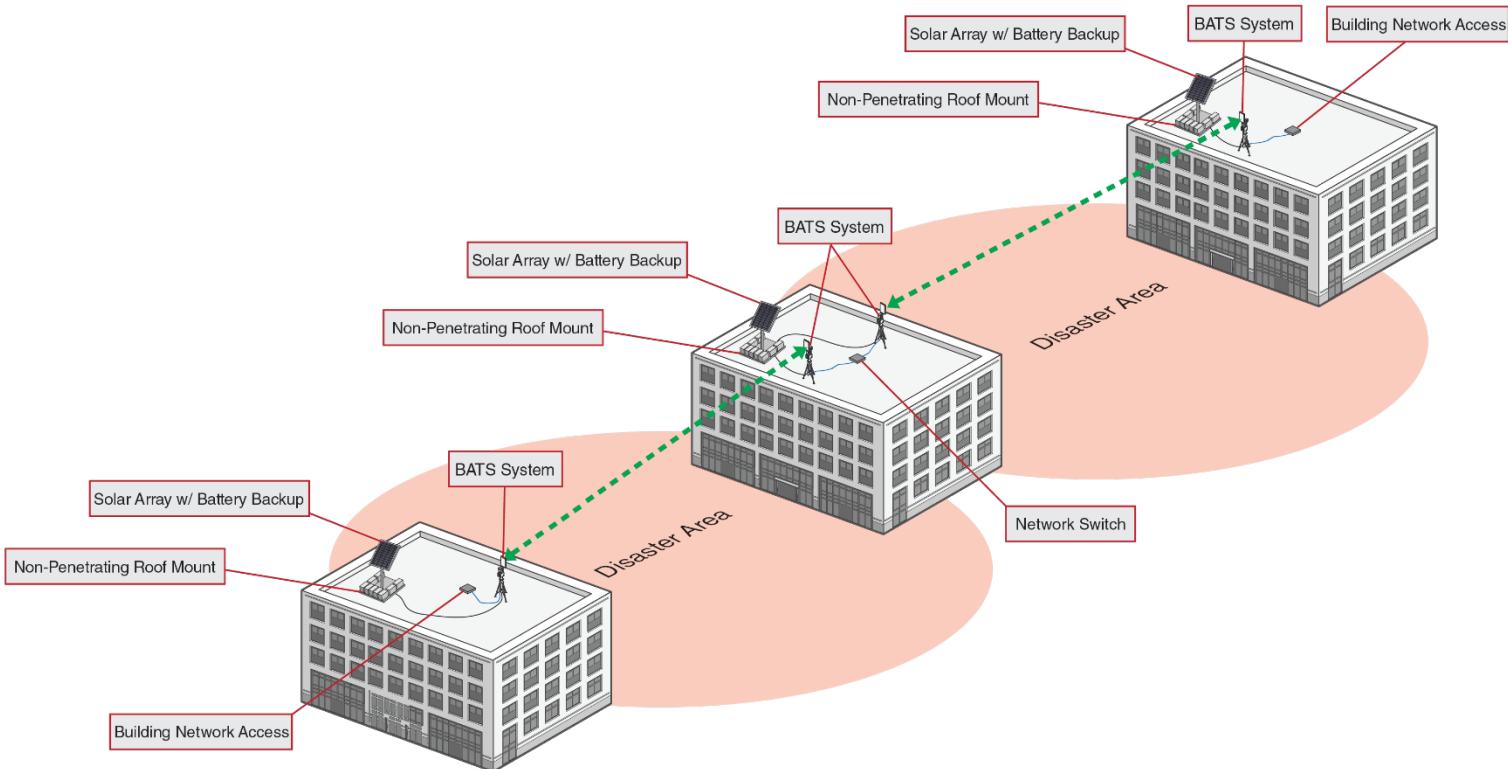


## Network Bridge (Multi-Hop Point-to-Point)

- Ideal for navigating terrain with mounting challenges
- Allows for Core Network Re-Transmission
- Can be configured to serve as Network Distribution Point or network spur at any hop location.

# Deployment Scenarios

## Network Bridge (Multi-Hop Point-to-Point)



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