

# Accelerate your Broadband Network Disaster Recovery with Fiber-Fast Fixed Wireless!

**John Lombardi**  
**Sr. Director, Caribbean and Latin America**



@GoMimosa



Mimosa Networks



# Who is Mimosa Networks?

- Fiber-fast backhaul, access and client solutions
  - licensed and unlicensed
  - backhaul speeds to 1.5 Gbps, access to 250 Mbps
- Founded in 2012 by seasoned entrepreneurs
  - PictureTel, Polycom and 2Wire
- VC Funded by NEA and Oak
- 7000+ ISP & Enterprise Customers
- Deployed in 155+ Countries
- Global Operations

# Why Fixed Wireless for Disaster Recovery?

Feature	Benefit
Unlicensed frequency	No waiting for regulatory link approval
Wide frequency support 4.9 – 6.4 GHz depending on model and and regulatory support	Avoid the often congested 5 GHz frequency band, where where permitted by local regulations
Lightweight	Quick, easy installation Light loading on temporary structures
Low power consumption	Lowers backup power cost and requirements for solar and solar and generator systems
Rugged construction	IP67 and IP55 rated to stand up to harsh environments and environments and tropical moisture



# Disaster Recovery: Top Tips

- Develop a disaster recovery plan
- Create a safety plan and a network equipment plan
- Think about backup power
- Plan your communications
- Plan access to your sites
- Be systematic
- Invest in technology and insurance
- Work on logistics

mimosa

Tip Sheet

## Top Ten Tips for Network Disaster Recovery



"The Mimosa team was incredible! As news of the hurricane broke, employees proactively reached out, offered support and told us they would be there to help during the storm and the aftermath. They didn't disappoint. This commitment from Mimosa solidified our belief that the company would be the primary vendor for new installs."

Jordan Smith  
Founder and CTO  
Broadwave

No one wants to be the victim of a natural disaster, but all too often, the recurring news images of damaged homes and neighborhoods remind us just how fast disaster can strike. If disaster does hit your community, your network services will become more critical than ever for the victims at risk and the first responders who need to react quickly to save them.

Mimosa is here to help. We surveyed a few of our wireless ISP customers who have recently been through crisis scenarios in places like Houston, Miami and Puerto Rico, and pulled together these helpful tips to ensure that you are optimally prepared:

**1. Develop a Disaster Recovery Plan.** It may sound simple, but planning ahead can literally mean the difference between life and death in a disaster scenario. Develop the plans early and review them frequently with your employees, including a plan to cross-train employees for different disciplines. This is key if your employees need to go out into the field to assist with service restoration. Ensure that your field staff is familiar with your entire network, including tower and client locations.

**2. Safety Plan.** Use a safety checklist, and make sure you communicate to your employees the importance of safe operations—you do not want to add to the work



# Disaster Recovery: Broadwave

## Rapidly Rebuilds Sites with Mimosa



Broadwave



Mimosa didn't disappoint - the technology and commitment from the team solidified our belief that they will be our first choice for new installs.

### Company

Broadwave is a wireless internet service provider base in the Florida Keys. The company owns and operates its own independent network.

### The Disaster

Hurricane Irma battered the Keys in September 2017.

### What they Used

Broadwave set up Mimosa C5 or C5c devices for emergency services. They quickly rebuilt sites with Mimosa C5 and C5c devices connecting to Mimosa A5 and A5c devices. Broadwave uses B11 backhaul radios to connect the Keys to the mainland.

### How Mimosa Helped

Mimosa's proactive efforts to reach out ahead of the hurricane cemented the continuing partnership with Broadwave.



# Disaster Recovery: OSNet

## Rapidly Rebuilds Sites with Mimosa



**osnet**  
¡Más que Internet!  
787-655-1919

### Company

OSNet is a leading wireless internet service provider operating in Puerto Rico.

### The Disaster

The island was hit by two hurricanes in 2017, knocking out fiber connectivity.

### What they Used

OSNet used the entire portfolio of Mimosa backhaul radios to restore connectivity.

### How Mimosa Helped

Mimosa products are light-weight, low-power, rugged and easy to install. They were a critical component to restoring network connectivity after the hurricanes.

Mimosa was critical for rebuilding after the hurricanes.

Mimosa's flexible and lightweight radios helped us rapidly reconnect customers.



# Disaster Recovery: GeoLinks



## Rapidly Rebuilds Sites with Mimosa



We needed a workhorse and something that would support backhaul as well. We're big fans of the Mimosa brand. We keep a really healthy stock of Mimosa equipment on hand.

### Company

GeoLinks is an internet and phone provider with towers throughout Ventura and LA. The company was founded in 2011 and deploys fixed wireless internet to rural homes and businesses.

### The Disaster

The Thomas Fire started in Southern California in December and spread rapidly to become one of California's most destructive fires.

### What they Used

GeoLinks used Mimosa 5GHz backhaul radios, and access and client devices.

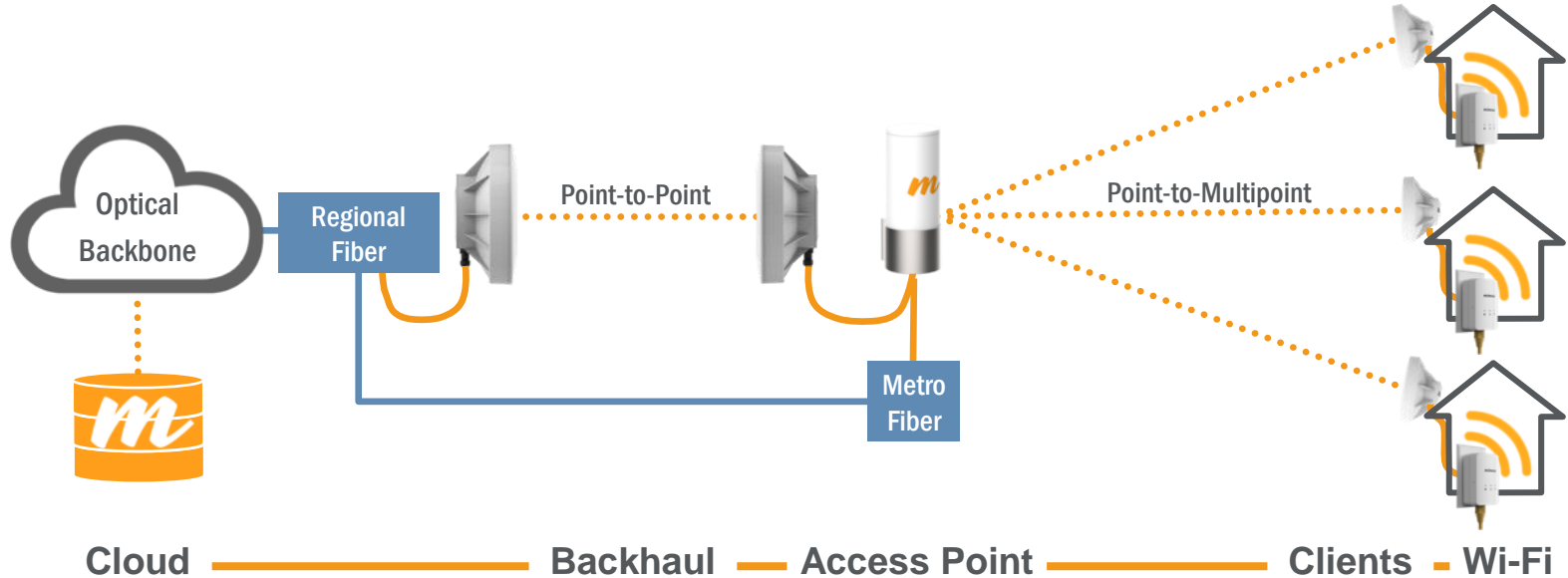
### How Mimosa Helped

Mimosa products are light-weight and easy to install, allowing for rapid restoration of service.





Our **fixed wireless solutions** connect dense urban and hard-to-reach rural homes with the fastest deploy time and ROI.







Questions? Thank you!

Download the Fixed Wireless Access Disaster Recovery tips at:

www. <http://mimosa.co/public-safety>

or contact John Lombardi at [john.lombardi@mimosa.co](mailto:john.lombardi@mimosa.co)

to discuss your Fixed Wireless Access customer network needs!



mimosa.co



@GoMimosa



Mimosa Networks

# Industry Leading Support & Awards



**TOP 100  
COMPANY 2017**  
Red Herring



**BEST CUSTOMER  
SUPPORT**  
Wisapalooza



**BEST USER  
INTERFACE**  
Wisapalooza



**LOWEST COST/  
BIT 40 & 80 MHz**  
Wisapalooza



**BEST FEATURES  
AND FUNCTIONS**  
Wisapalooza



**BEST RURAL  
BROADBAND 2017**  
Mobile Breakthrough  
Award



**MANUFACTURER  
OF THE YEAR**  
Wisapalooza



**TECHNOLOGY  
PIONEER**  
World Economic  
Forum



**HIGHEST CAPACITY**  
80+ GHZ  
Wisapalooza



**BEST NEW  
VENTURE**  
Wireless Broadband Alliance



# Mimosa Products



- A = Access | A5, A5c
- B = Backhaul | B5c, B5, B5-Lite, C5c, B11
- C = Client | C5, C5c
- G = Gateway | G2

