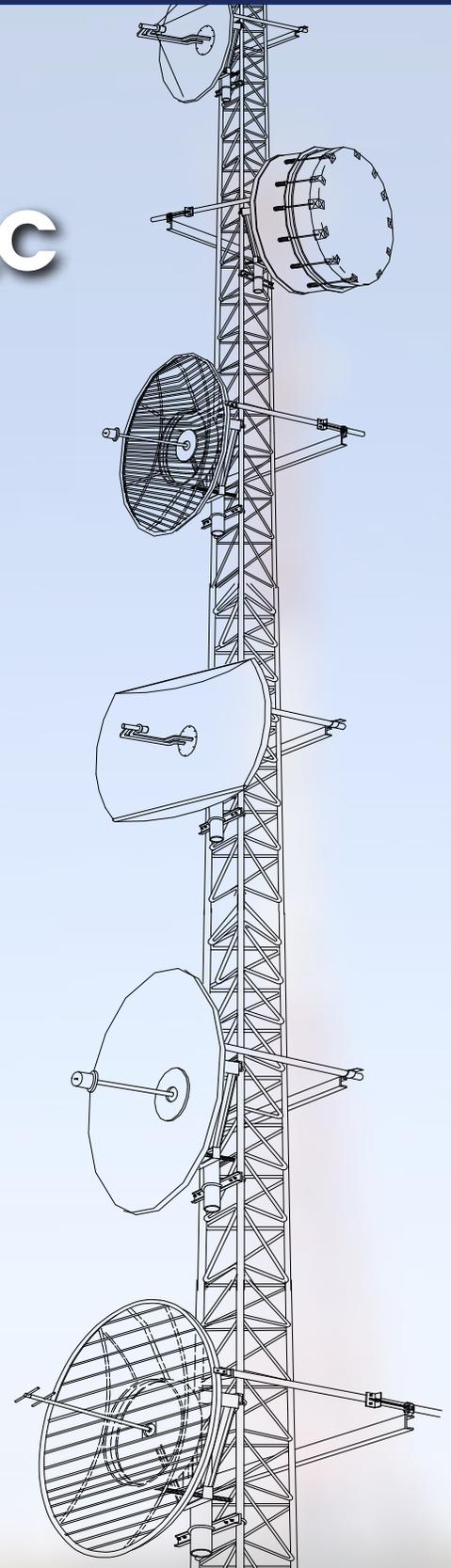


# mWAVE Industries LLC acquires Gabriel & Mark Antenna



# mWAVE Acquires Gabriel & Mark



**mWAVE**  
Your Partner In Antenna Technology



**Gabriel Antenna**  
MANUFACTURED BY mWAVE INDUSTRIES



**QuickFire™**



**Mark Grid Antenna**  
MANUFACTURED BY mWAVE INDUSTRIES

## A Colossal Homecoming

There is one thing that unites the entire mWAVE Industries team, and that one thing is Gabriel Antenna. This makes sense as Peter Farnum, Michael Cahill, and Christopher Mosher, all former Gabriel employees, started mWAVE as a direct result of Gabriel being relocated to North Carolina in 2003.

The depth of this passion became clear to me while looking through brand-related photos and marketing materials with Seth Hanson, mWAVE's newest team member. As we were looking through the photos, Seth and Michael Cahill traded stories of different installations from across the world.

Seth, Michael, Chris, and Peter are not the only ones who share a passion for the revered brand, as Gabriel has somewhat of a cult following in the microwave antenna industry. This is why the entire mWAVE sales team is buzzing at the completion of their acquisition of Gabriel Electronics and sister company Mark Antenna. The acquisition was an 'all hands on deck' effort between mWAVE and management here at Anania & Associates Investment Company.

Once the acquisition was completed, the mWAVE team quickly went to work moving the assets of both companies to their facility. They are currently working to rebrand and remarket the Gabriel Antenna and Mark Grid Antenna brands.

In this quarter's newsletter we will look into the product line and history of these two brands.





## QuickFire™



**QuickFire™**



The QuickFire™ parabolic antenna line was engineered to reduce cost and weight from the antenna without sacrificing any of the traditional qualities found on a typical carrier grade antenna.

Parabolic antennas are used for point-to-point communication and Seth at mWAVE offered a good example: A radio or TV station may use a QuickFire™ to send a signal from their broadcast center station to their distant transmitter site situated atop a large tower on a hill or mountain where it will be rebroadcast to listeners and viewers.

## Flat Panel



Gabriel designs and manufactures a complete line of Microwave Directional Flat Panel Antennas in 2.4 GHz, 5 GHz and 10 GHz frequency bands. These types of flat panel antennas are used for point-to-point communication with a shorter range than the standard parabolic antennas.

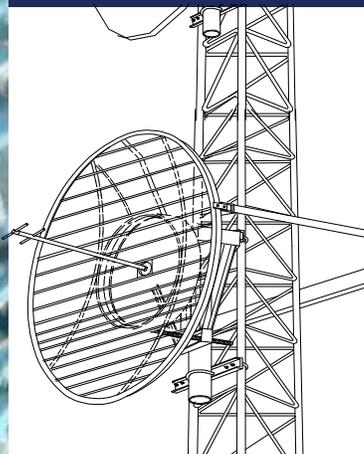
Seth's example for a flat panel antenna was a communications network in a city, university or corporate campus. These short hops may use a flat panel antenna to connect internet between two or more buildings.



**Mark Grid Antenna**

MANUFACTURED BY mWAVE INDUSTRIES

## Mark Grid Antennas



The Mark Grid Antenna line is robust, field proven antenna systems that are the backbone of many microwave backhaul systems throughout the world. They are available in diameters ranging from 3-ft to 15-ft diameter models. Grid antennas are used for microwave point-to-point communication and are designed to reduce the weight of the parabolic antenna by using tubular elements instead of solid aluminum stock.

The purpose is also to reduce the windloading, which allows operators to install these antennas on lighter weight towers and thus reducing the strain on communication towers.

## Gabriel Antenna Recent History

### 1943

Gabriel began as Workshop Associates in Needham Heights, Massachusetts in 1943. Workshop Associates was organized primarily to aid the World War II defense effort in cooperation with Radiation Laboratories at MIT, Tufts University, Raytheon and other major firms in the Greater Boston area.

### 1965

Gabriel Electronics is relocated to a Maremont plant (now owner of the Gabriel brand) in Saco, Maine.

### 2003

Gabriel Electronics is acquired by Tripoint Global Communications Inc. and relocated to Newton, North Carolina.

### 2015

Gabriel Electronics is acquired by Tripoint Global Communications Inc. and relocated to Newton, North Carolina.

### 1951

Workshop Associates becomes Gabriel Electronics in 1951 when purchased by the Gabriel Company of Cleveland, Ohio. Gabriel is the company that makes mufflers and shock absorbers.

### 1972

Gabriel Electronics is purchased by its management team, headed by Herald Proctor, and is relocated to a facility in a new industrial park in Scarborough, Maine.

### 2004

Tripoint Global Communications Inc. is acquired by General Dynamics SATCOM.





## Mark Grid Antenna Recent History

Mark Grid Antenna (Mark) formerly known as Mark Antenna has been developing rugged lightweight antennas since the 1960s.

### 1994

Mark and parent company Radiation Systems Inc. merges with Comsat Technology services, an arm of COMSAT Corp and becomes COMSAT RSI.

### 1998

Mark held by newly formed COMSAT RSI is acquired by Tripoint Global Communications an affiliate of TGB Industries.

### 2003

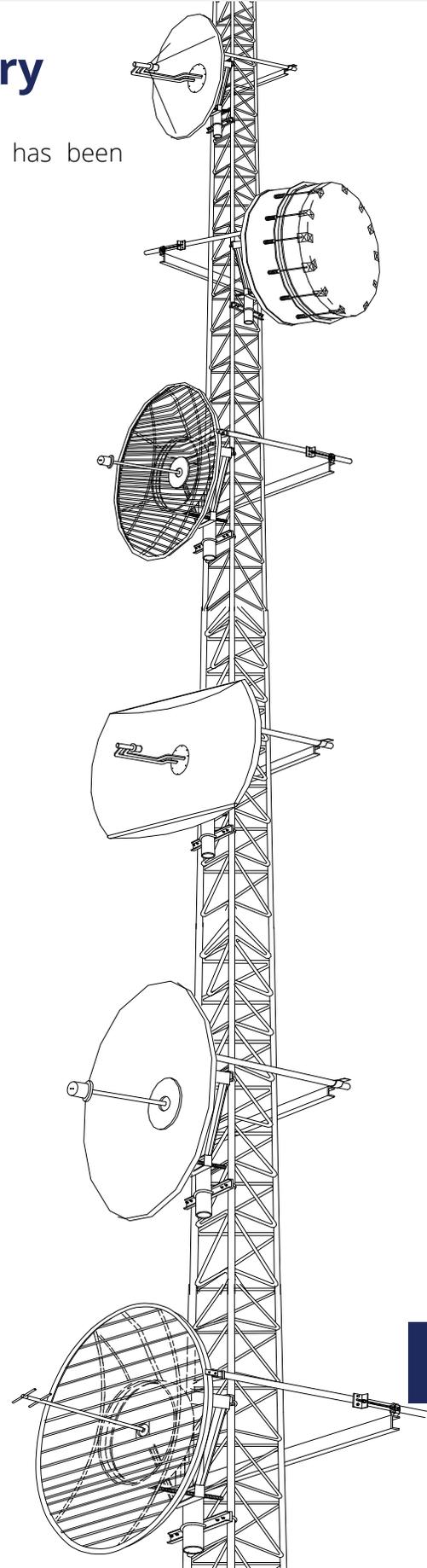
Tripoint acquires the assets of Gabriel Electronics bringing Mark and Gabriel Antenna brands under the same roof.

### 2004

General Dynamics SATCOM Technologies a part of General Dynamics C4 Systems acquired Tripoint Global Communications.

### 2015

In 2015 General Dynamics SATCOM Technologies sells the assets of several brands to Skyware Global among them being Gabriel and Mark.





## No More Excuses!

Saving for retirement can be intimidating, but it doesn't have to be. Finding reasons not to contribute to your retirement plan will hurt you in the future.

Do any of these excuses sound familiar?

### If You Think ...

"I don't make enough money."

"I'm too young to worry about it right now; time is on my side."

"I'm too old, it's too late."

"Stocks, bonds ... it's too confusing!"

"I'll still have my Social Security."

"I just don't know how to get started."

### Then Consider...

**Tax savings.** Your contribution is taken out before taxes, so the amount you pay taxes on is lower.

**The magic of compounding.** When you give your money more time to accumulate, the earnings on your investments—and the annual compounding of those earnings—can make a big difference in your final return.

**It's never too late.** If you're 50 years old or older, you can contribute a catch-up deferral of up to \$6,000 for 2015. You still have time to put your money to work for you.

**There is an easier way!** Your plan may have the option to invest your money in a "pre-set" asset allocation or lifestyle model that takes into account your expected retirement date or age. It's a "set it and forget it" approach and works well for the less sophisticated investor.

**Don't count on it.** A dwindling workforce means fewer tax dollars down the road. In just a few years there will be two workers per every one retiree.

**Help is available.** Understanding how to begin saving for retirement might be overwhelming, but it's easier than you think. Contact Human Resources for an enrollment form or call our retirement plan counselor, Christina Gillies, at 207.773.5390 for more information.

Stop finding reasons Not to contribute to your Retirement Plan

For more information about how you can save for retirement, contact Lebel & Harriman at 207.773.5390.

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## Four Tips to Follow in Turbulent Times

With the recent market volatility, it's understandable for you to be concerned about your investments. Volatile markets can make you wonder if you're on track to meet your retirement goals. **Don't be discouraged and most of all, don't panic. Instead, be pro-active!** Consider the following steps you should be taking in both up AND down markets:

1. **Review Your Portfolio.** Know your investment mix and be sure you are invested in the appropriate asset classes (based on your risk tolerance and time horizon to retirement). Times like these reinforce the need to diversify (While diversification does not guarantee against loss of principal, it can help spread your risk among different asset classes and market segments.)
2. **Check Your Contribution Rate.** How much you contribute each month can directly impact how much you will have at retirement. Have you done a retirement needs calculation? Do you know how much you should be contributing each month to reach your goal? Are you increasing that amount each year or more often based on your income and age?
3. **Rebalance.** This will readjust your portfolio back to your original investment strategy attempting to "sell high and buy low". Essentially, when you rebalance, you tend to sell some appreciated assets and purchase others with lower valuations. Regular rebalancing (as a rule of thumb, at least once a year) may increase the overall return of your portfolio over time.
4. **Consult with a Professional.** Don't go it alone. Financial planning resources are available through our retirement plan consultant, Lebel & Harriman LLP. Call 888.879.5181 if you have questions on your account.



Remember, staying invested in times of market turbulence will help you participate fully in potential market gains. While there is never any certainty in the market, it is worth noting that some of the sharpest market declines were followed by steep rebounds. History has taught us that volatility is to be expected. The implications surrounding the current turmoil should call on plan participants to focus on what they should otherwise be doing on a regular basis.