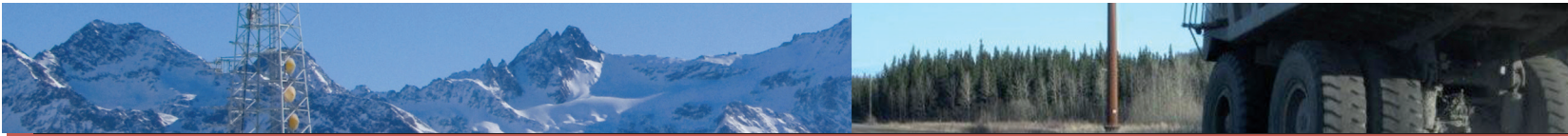


Wireless IP Solutions
for Backhauling Applications





Fluidmesh® Technology

Fluidmesh Research and Innovation

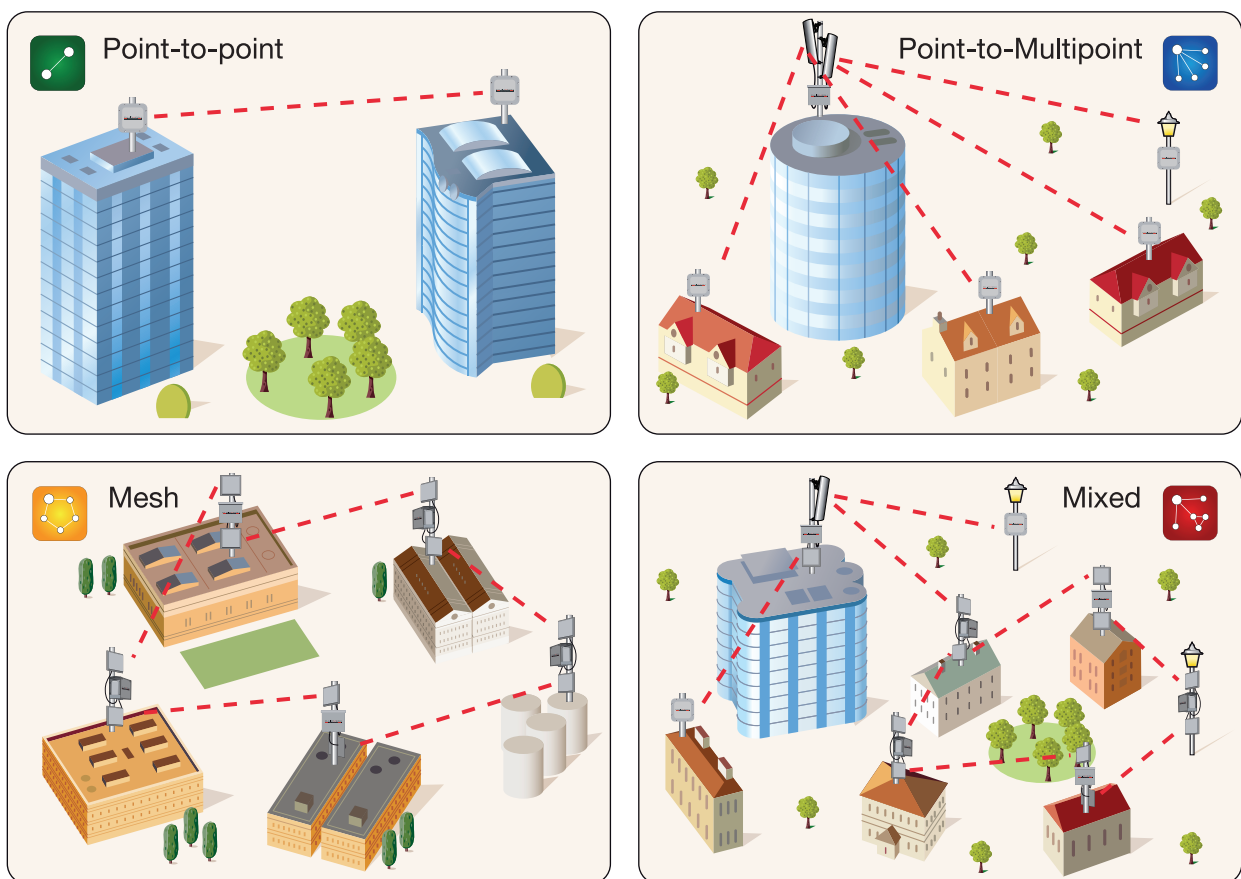
Fluidmesh Networks has developed one of the broadest and most advanced sets of technologies for wireless networks. Fluidmesh Research & Development engineers come from the top academic and industrial research institutions worldwide and are active authors in leading technical publications in the field of networking and wireless transmission. Every Fluidmesh product is embedded with this incredible amount of know-how and innovation, making Fluidmesh the wireless vendor of choice for many system integrators around the globe.

State-of-the-art Software-based Radio Technology and Network Architectures

Fluidmesh is the only wireless vendor capable of providing solutions ranging from the simple point-to-point wireless link, to the large city-wide mesh network, to the pervasive point-to-multipoint network all based on the same hardware platform. This allows the user to build very different networks without changing hardware, but instead, using different software configurations.

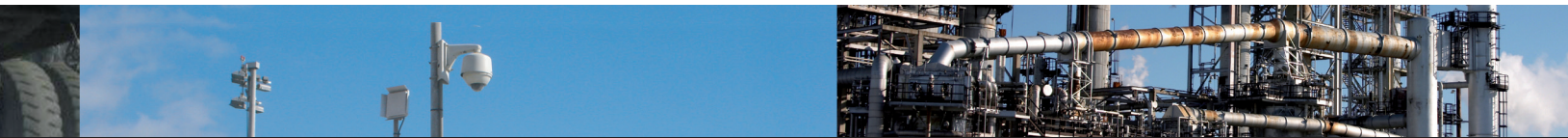
The user can easily choose Fluidmesh hardware regardless of the application, and then pick the software set-ups depending on the requirements of the network. This unique approach can lead to substantial cost savings in any architecture, from a single link to a city-wide deployment, maximizing the return on investment for the end user.

Every Fluidmesh product can be used in any of the following network topologies:



Fluidmesh Quality Standards and 2-Year Included Warranty

Fluidmesh designs and manufactures its products according to the highest quality standards. We stand proudly behind all of our wireless units and include a two-year warranty with each. Fluidmesh also makes available to its customers extended and enhanced Warranty and Support plan that can extend the warranty period up to 5 years.



Fluidmesh Proprietary Technologies and Innovations

Over the past few years, the Fluidmesh R&D Team has developed a unique set of proprietary technologies, protocols, algorithms, and management platforms that make Fluidmesh one of the leading wireless vendors in the market.

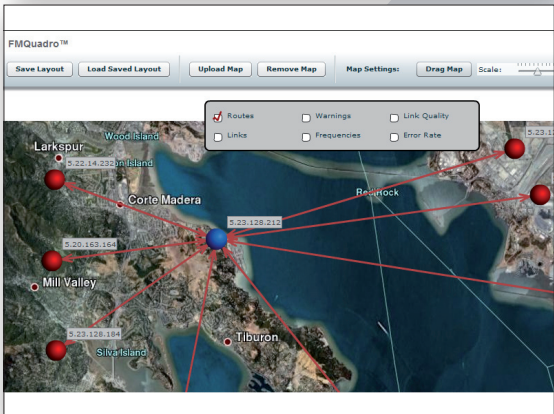
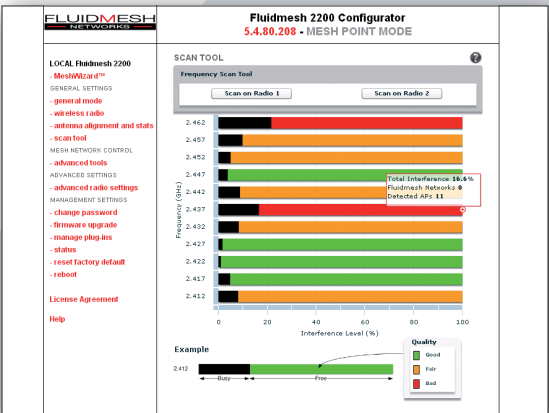
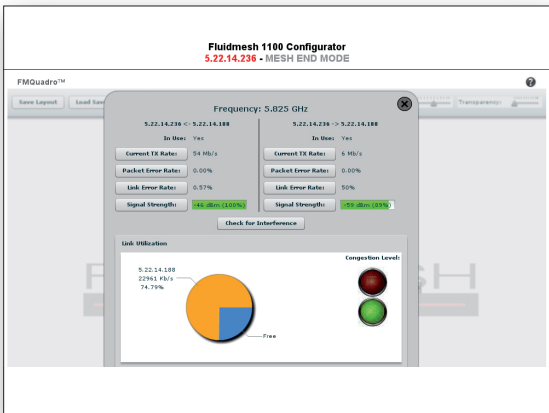
1. Prodigy Transmission Protocol for Higher Performances

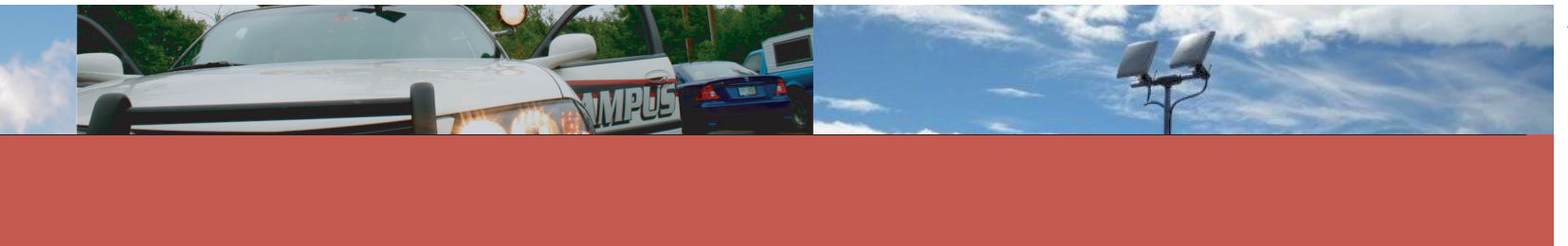
Prodigy is a high performance ‘intelligent’ transmission protocol built to overcome the limits of standard license-free protocol and deliver a wireless infrastructure with a higher level of reliability. Prodigy was developed by Fluidmesh Networks to transmit any IP-compatible traffic including data, video, and Voice, and is the result of two years of Research and Development work. At the base of our innovative transmission protocol there is a traffic optimization algorithm that allows every Fluidmesh device to assign a specific level of priority and reliability to every packet transmitted. This process allows the wireless network to automatically adjust its transmission parameters based on the type of traffic transmitted. The overall result is a better, more reliable, multi-service wireless infrastructure.

2. FMQuadro™ Web-Based Network Management Interface

You have probably seen many GUI to monitor and troubleshoot wireless networks. We are glad you did because we are pretty sure that you have never seen anything quite like this one. It is called FMQuadro and it comes with all our products, it is completely web-based, and provides an unparalleled level of information on your wireless infrastructure. It is a tool that can be easily used by expert wireless integrators as well as network novices to gain an in-depth understanding of the network.

FMQuadro provides a graphical network layout including Fluidmesh units, existing and redundant wireless links, and head-end location. The system is also fully integrated with Google Maps and allows you to upload an aerial map of the site on the background of the network layout to better identify the location of each device. FMQuadro also means simple network monitoring and troubleshooting. The system monitors key parameters such as frequency, signal strength, link error rate, packet error rate, and throughput and provides their real time value to the user in both a numerical and graphical format. Our interface is able to generate warning messages in case any of the parameters go outside of the optimal range. Being fully SNMP compatible, you can easily export those warnings to your main monitoring software for maximum control and easy integration.



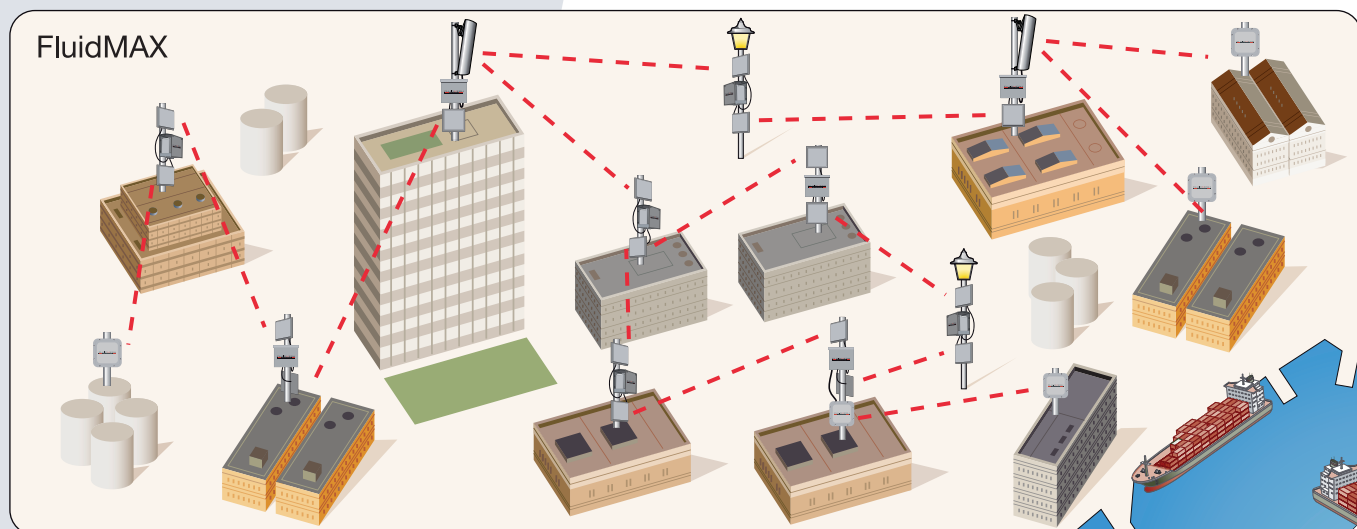


Moreover, our web-interface is also capable of logging network parameters for up to a week so if something goes wrong, you can go back and understand how and when the problem came to life. This information is also available remotely, thus reducing the time you have to be on-site.

To help avoid interference issues, FMQuadro also provides a built-in spectrum analyzer which is capable of detecting interferences on the 2.4 GHz band, as well as the 4.9 and 5.1-5.8 GHz. The results are provided in a graphical format which is easy to understand and can be easily exported for future references.

3. Patent-Pending FluidMAX™ Technology

Flexibility is a key factor in the successful deployment of a wireless solution. Fluidmesh products facilitate this task by being the only solution in the market supporting Point-to-Point, Point-to-Multipoint, Mesh, and Mixed architectures with the same hardware. This is achieved using FluidMAX, a patent-pending technology that allows any of our wireless products to operate with a centralized medium access control protocol, or with a distributed medium access control protocol depending on the network layout. That means that our units can operate in either CSMA or TDMA. The decision is made automatically by the network based on its layout and requires no user intervention.



4. FluidThrottle™: Software-Based Throughput Throttle

FluidThrottle allows the user to limit the total cost of ownership of the wireless network by paying only for the amount of bandwidth required. Additional throughput can be easily purchased and activated online in case the bandwidth requirements increase over time. Such a feature makes Fluidmesh an incredibly cost-effective and flexible wireless solution provider.

A Solution for Many Wireless Applications

This unique set of features has given Fluidmesh a solid competitive advantage in many different wireless applications such as:

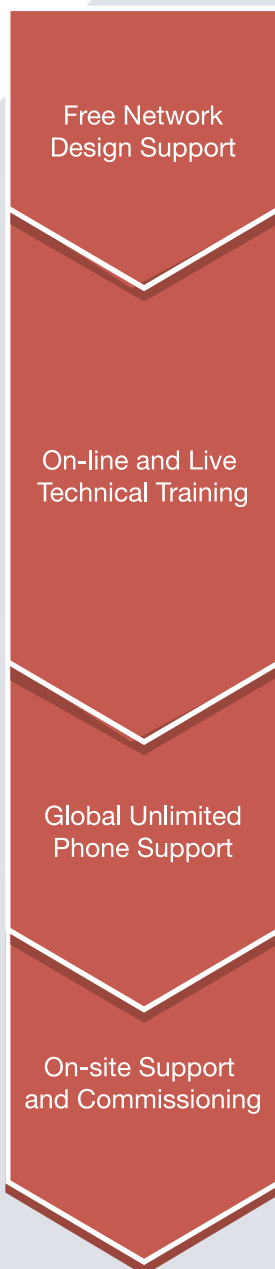
- Cellular Backhauling
- Wi-Max Backhauling
- Enterprise Backhauling
- Municipal and Rural Broadband
- Transportation and Railways
- Industrial Automation and SCADA
- Smart Grids
- Video-surveillance
- Military and Government



Fluidmesh Know-How and Global Tech Support

Fluidmesh is committed to providing the most advanced wireless technologies for video and critical applications as well as the know-how required to correctly design, configure, and deploy wireless networks.

Fluidmesh training and technical support spans the following four phases.



1. 100% Free Network Design Support

Fluidmesh has a dedicated engineering team focused on designing systems for its worldwide customer base. The team can provide support in the design phase of any wireless network completely free of charge. This Fluidmesh Free System Design service is available to any system integrator, end user, or consultant who is in the process of designing a wireless-based solution.

2. Online and Live Technical Training for Installers and System Integrators

Fluidmesh provides two forms of training:

- **Online, On-demand Technical Training:** The online training uses a Web-based, on-demand platform and allows the trainee to follow the entire training online using a normal Web-browser. Upon completion of all the training modules, an online quiz is given.
- **Live Training Program:** The live training program is the equivalent of the on-line training and provides the same certification, but is designed for those who prefer to attend the training in a traditional classroom setting. Fluidmesh offers live training every month at its offices in the US, in Europe, and also coordinates training in conjunction with its local partners and distributors.

3. Global Multi-Language Unlimited Technical Support by Phone

Because of its global presence, Fluidmesh is able to provide technical support by phone all around the world in a timely fashion. Feel free to call any Fluidmesh office and an engineer will be able to assist you with the system configuration, set-up, or troubleshooting of your network. Fluidmesh staff can provide technical support in English, Spanish, French, Italian and Arabic. Phone support on any Fluidmesh product is unlimited and free of charge for all of our customers.

4. Commissioning and Technical Support Service On-Site

Fluidmesh also provides on-site assistance, technical support, and commissioning services. If you are interested in having a Fluidmesh Engineer on site either to support the system installation or the commissioning of the wireless network, please feel free to contact your local Fluidmesh representative for a quotation

About Fluidmesh Networks, Inc.

Fluidmesh Networks is the worldwide leader in wireless systems for security, industrial, and mission-critical applications. Its range of solutions covers point-to-point, point-to-multipoint, and mesh networks with an unparalleled level of reliability, flexibility, and ease of use. The company is focused on the development of top-quality wireless products for security, video-surveillance, condition monitoring, and data communication in large areas at risk. Fluidmesh Networks' target markets are municipalities, industrial plants, schools, seaports and marinas, archaeological sites, resorts, theme parks and racing tracks.

Founded by a team of researchers and engineers from the Massachusetts Institute of Technology (MIT) in Cambridge, MA and the Politecnico of Milan in Italy, Fluidmesh Networks serves its customers worldwide from its headquarters in Boston, and from its European office based in Italy. Fluidmesh Research & Development engineers come from the top academic and industrial research institutions worldwide and are active authors in leading publications in the field of networking and wireless transmission. Every Fluidmesh product is embedded with this incredible amount of know-how and innovation, making Fluidmesh the wireless vendor of choice for the leading system integrators around the globe.

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