ZYXEL

Your Networking Ally

HELLO, HOME

Multy Pro

Whole-Home Managed WiFi System

ZYXEL

WiFi Excellence

About Zyxel

Headquartered in Anaheim, California, Zyxel is a network solutions provider that leverages its 28 years of expertise to lead and enable the digital home revolution. Our extensive experience and the drive to continuously improve and perfect our comprehensive lines of fiber and DSL broadband gateways has enabled our service provider partners to meet their subscribers' demands for an entirely immersive home while enabling them to manage costs like never before.

By combining our innovative solutions with our partner-centric team of experts, we enable you to unlock your business potential and enhance your subscribers' experiences without breaking the bank or settling for sub-par customer service. Zyxel offers unique end-to-end designs. Our readily-available technology will equip you to accelerate your business performance well beyond your competition.

★ ★ ★ ★ ★

At Zyxel, we steadily march toward our vision of a connected world by introducing industry-leading innovation, performance, and value. Since the inception of WiFi, our company has been dedicated to the pursuit of WiFi Excellence. Zyxel offers you more than just a solution - we provide you with the fastest and most efficient processes, robust enterprise-class network defenses, and innovative pricing options that give you the latest technology, while reducing your capital and operating expenses.
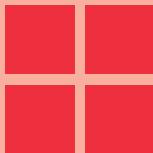
The Challenges

WiFi is the Internet at Home

Whole-home WiFi is a **challenge** and an **opportunity** for service providers.

WiFi is the Internet for today's consumers. They demand fast WiFi and 24/7 availability throughout their homes and on every device. Unfortunately, the expectation is still not the reality. Streaming videos buffer, online gaming freezes, and video calls get disconnected. Thus, frustrating users and resulting in angry calls to service providers.

A Connected Customer is a Happy Customer

Managed WiFi

Retail Mesh

VS.

Service Provider WiFi Service

	Retail "Mesh"	Service Provider Managed WiFi
Solutions	• No price or service differentiation • They sell a set of 2-3 devices to all customers irrespective of the individual needs • Wireless is the only backhaul option between central WiFi router and extenders	• **Service providers know their customer's homes better so they can tailor make solutions and services** • **The RG is made part of the WiFi system, securing their investment** • **In addition to wireless, operators can leverage wired backhaul options including Ethernet, coax, or powerline for more stable performance**
Installation	Self-installation is the only option. End consumers with varying degrees of understanding are left with installation with minimal support from vendors. So service providers end up fielding support calls.	**Service providers can offer their subscribers a combination of self-installation, or expert-installation depending on their needs, and for the right fee. Thus creating a set-up for best WiFi performance and pain-free experience.**
Management	Retail Mesh systems run independent of operator provided devices. So service providers are deprived of all the rich network and behavior intel, while still fielding support calls whenever anything goes wrong.	**TR-069 and the advanced TR-181 standards based remote management, built into carrier-grade managed WiFi systems, offers service providers rich network and client-side performance, diagnostic and behavior information. This enables service providers to quickly resolve issues for better experience, and upsell opportunities for higher revenues.**

Zyxel Managed WiFi System

Zyxel's managed WiFi system is an advanced, integrated system of hardware, software, and a mobile self-help app. The Multy Pro system of products offer service providers a range of devices and technologies to design the perfect managed WiFi service. With the right combination of performance, management, and pricing, the Multy Pro system enables service providers to deploy profitable services, generate recurring revenue, and lasting customer satisfaction.

The main components of the Multy Pro WiFi System include:

MeshIQ

Technology for high-performance whole-home WiFi using WiFi gateway and extenders.

Key features include:
- Auto-configuration
- Single WiFi network covering both 2.4GHz and 5GHz bands
- Band steering
- Seamless client roaming
- Exceptional quality of experience (QoE)

Multy Pro App

A subscriber self-help app, enabling simple network management features such as complete view of home network, one-click guest WiFi setup, and parental control.

Remote-Management

Remote devices & services management using TR-069 and TR-181 standards for extensive diagnostics features for quick issue resolution, resulting in fewer truck-rolls and improved customer satisfaction.

Extensive Product Portfolio

A range of wireless gateways, access points, and extenders for multiple home scenarios, offering service providers the flexibility in solution selection, resulting in price and performance differentiation.

Win-Win Solution for Subscribers and Service Providers

Today's home users expect seamless, fast, and reliable WiFi throughout their homes and on all of their devices.

Service Subscriber Benefits

- Corner to corner whole home coverage
- A single WiFi network covering both 2.4Ghz and 5Ghz bands
- Optimized performance for mobility and video applications
- Self-help mobile app for subscribers to access passwords, Guest WiFi, and parental control
- Seamless Roaming-Band Steering and Client Steering for seamless mobility everywhere in the house

MULTY PRO

Service Provider Benefits

- Generate recurring revenue
- Extensive TR-181 management features for quicker issue resolution and better customer satisfaction
- Fewer truck-rolls resulting in support cost savings
- Analytics on network performance and user behavior for upsell opportunities
- Reduce churn and keep customers happy

Zyxel Managed WiFi System Product Portfolio

Zyxel's managed WiFi system offers a portfolio of product choices to service providers so they can build the right WiFi solution to meet the unique requirements of each subscriber's home while providing a continuously robust experience for their customers. Subscribers can finally enjoy premium wireless broadband services enabling applications, videos, gaming, and more on all their devices, anywhere in their homes, just as they were designed to be experienced.

Residential Gateways

EMG3425
Gigabit Ethernet Gateway

- 5 GHz: 1.7 Gbps;
  2.4 GHz: 450 Mbps
- AC2200 dual-band WiFi
- Wave 2 WiFi, (MU-MIMO)
- Beamforming
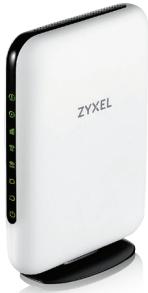- Support TR-069
  and TR-181

VMG4825/VMG9823
VDSL2 Gateway

- 5 GHz: 1.7 Gbps;
  2.4 GHz: 300 Mbps
- VDSL2 17a bonding
- G.Vector
- AC2050 dual-band WiFi
- Wave 2 WiFi, (MU-MIMO)
- Beamforming
- Support TR-069
  and TR-181
- 2x VoIP ports (VMG9823)

Extender

WAP6804

Wireless AC Access Point

- 5 GHz: 1.7 Gbps;
  2.4 GHz: 300 Mbps
- AC2100
- High-power amplifiers
- Beamforming
- Video QoS
- 3 operation modes
- Support TR-069
  and TR-181

App

Multy Pro App

A self-help tool designed for subscribers that will enable them to:

- View all wireless or wired devices connected to the home and guest network
- Change WiFi network name and reset password
- Enable guest WiFi network, create or reset name and password for the guest WiFi
- View basic information about all the clients connected to the network
- Allow, block, or schedule internet access on all the client devices
- Easily add and configure WiFi extenders to create a single whole-home WiFi network

http://zyxel.us/multyproappapple

http://zyxel.us/multyproappgoogle

Contact Us

For no-cost evaluation units,
call 714.632.0882 x289
or email telco@zyxel.com

Connect with Us

Twitter: @ZyxelNews
Facebook: facebook.com/zyxel.america
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YouTube: youtube.com/zyxelusa

Zyxel Communications

1130 North Miller St.
Anaheim, CA 92806
800.255.4101

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