



Adtran

CONNECTED HOME SOLUTIONS

Unlocking the In-Home Opportunity

A group of four people, including a man with a beard and a woman, are gathered around a smartphone, looking at the screen with interest. The scene is dimly lit, suggesting an indoor setting at night. The man with the beard is wearing a brown jacket and is pointing at the phone. The woman next to him is smiling and looking at the screen. Another man is partially visible on the right, also looking at the phone. The overall atmosphere is one of collaborative engagement with technology.

THE RISE OF THE MULTIPLES

Multi-Device, Multi-User, Multi-Gigabit

Now more than ever, our homes must be robustly connected as they are the main location from which we live, work, play, and learn - virtually. The demand for higher video quality continues to grow, driven by streaming, online learning, and video collaboration apps across multiple devices. This need for connectivity is compounded as multiple family members require network access simultaneously with one or more devices.



21 (US)

17 (Europe)

**Connected Devices
per Household**



50+%

**Cloud Gaming
CAGR Globally by 2024**



31%

**Remote Working
Globally YE 2021**



AI-DRIVEN, CLOUD-MANAGED, OPEN

Adtran Connected Home Solutions

Cloud-managed, adaptive Wi-Fi is critical to proactively resolve issues and deliver amazing user experiences. The combination of network intelligence and AI-driven optimization enables you to gain passionately loyal customers while growing lifetime value.

Adaptive, Cloud-Managed Wi-Fi

- Underpin the multi-gigabit, multi-user smart home

AI-Driven Insight, Optimization, and Security

- Deliver next-level, in-home experiences throughout the customer life cycle

Open Platforms

- Unlock service innovation, simplify Wi-Fi technology transition, and monetize the smart home

Intelligent SaaS Applications

- Purpose-built tools to empower marketing, customer success, and operations

1B+*

Cloud-Managed Wi-Fi Devices

1,000+

Gigabit Communities

500+

Service Providers

100M+

Broadband Subscribers

*Powered by Plume



CUTTING-EDGE TECHNOLOGY

More Devices, Further Reach

Adtran offers next-generation Wi-Fi 6-enabled service delivery gateways (SDGs) that provide consistent, multi-gigabit performance combined with low latency in congested networks — redefining what it means to be truly wireless.

Lightning-Fast Wi-Fi

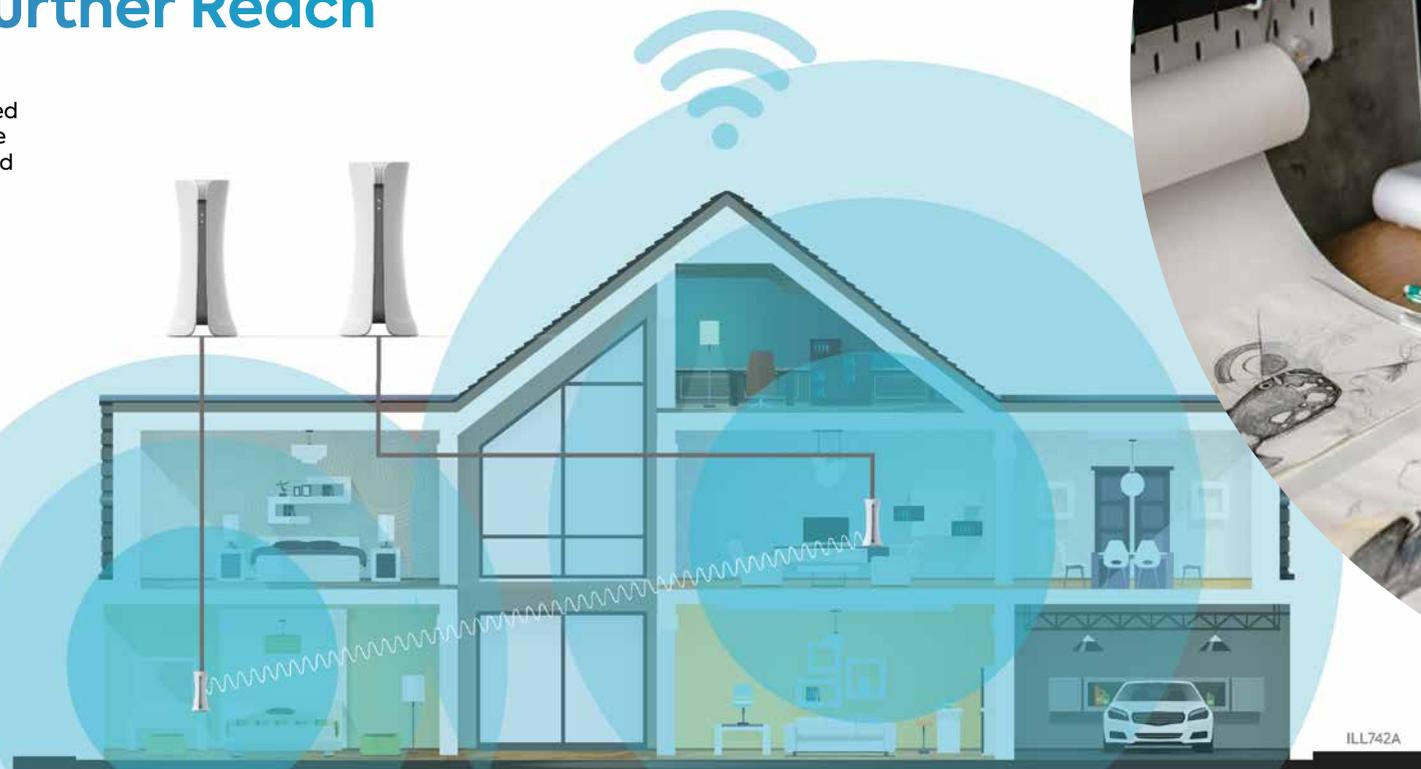
- 8x simultaneous connections
- Speeds up to 6 Gbps
- Lag-free 4K streaming and cloud gaming

Breakthrough Innovations

- Fine-tuned components and layouts
- Multi-gigabit throughput to more devices
- Lower latency and maximum performance

Powerful Dual-Band and Tri-Band Mesh

- Seamless coverage with no dead zones
- Expand easily beyond the home to a detached workshop or garage



ILL742A



4X

Higher Throughput in Dense Environments*

*vs. previous-gen Wi-Fi

40%

Higher Peak Data Rates for Wi-Fi 6 Clients

SERVICE DELIVERY GATEWAYS

Performance Personified

Adtran Service Delivery Gateways are designed to deliver multi-gigabit throughput and enhanced multi-user experiences for all your connected devices - today and tomorrow.

Power + Elegance

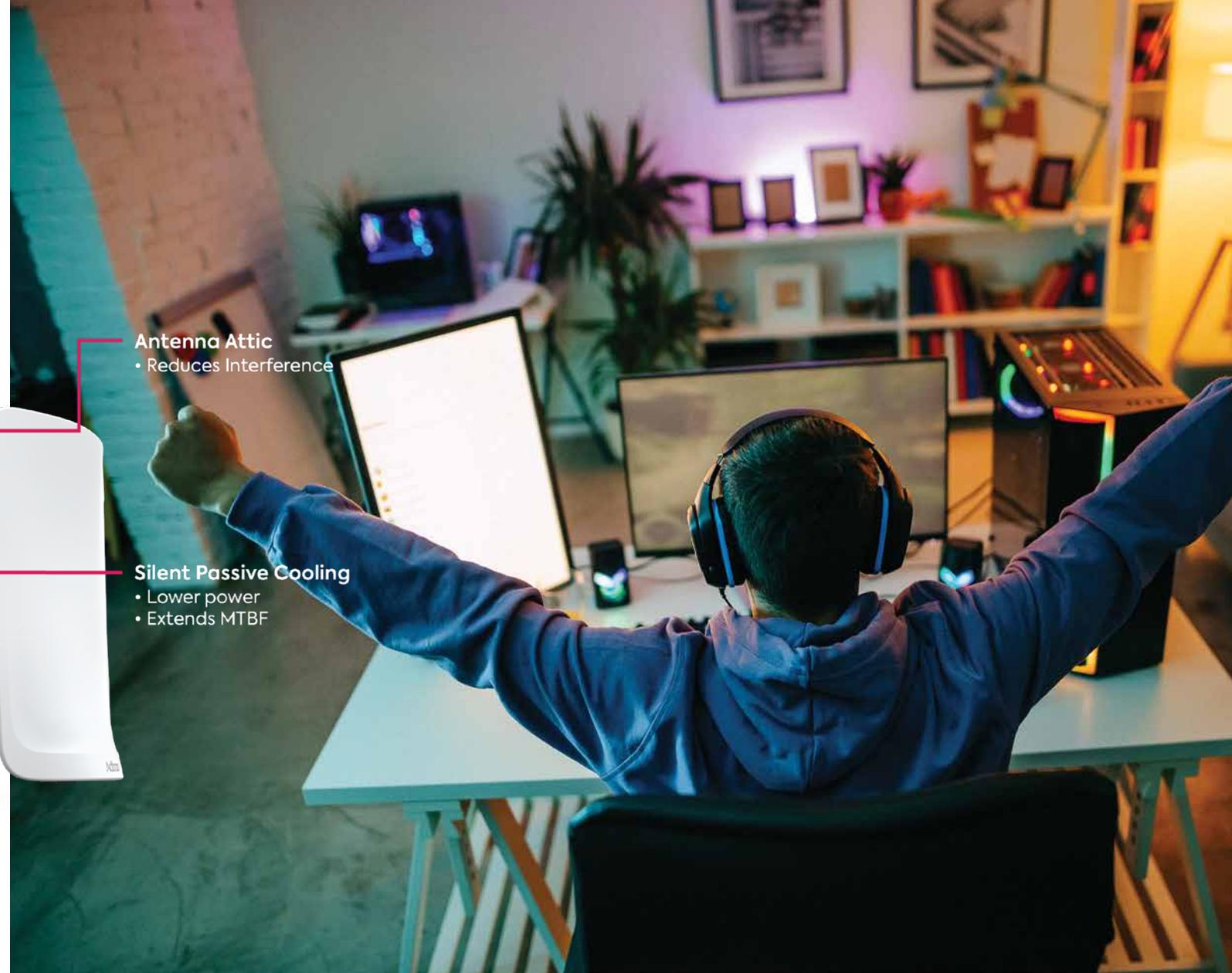
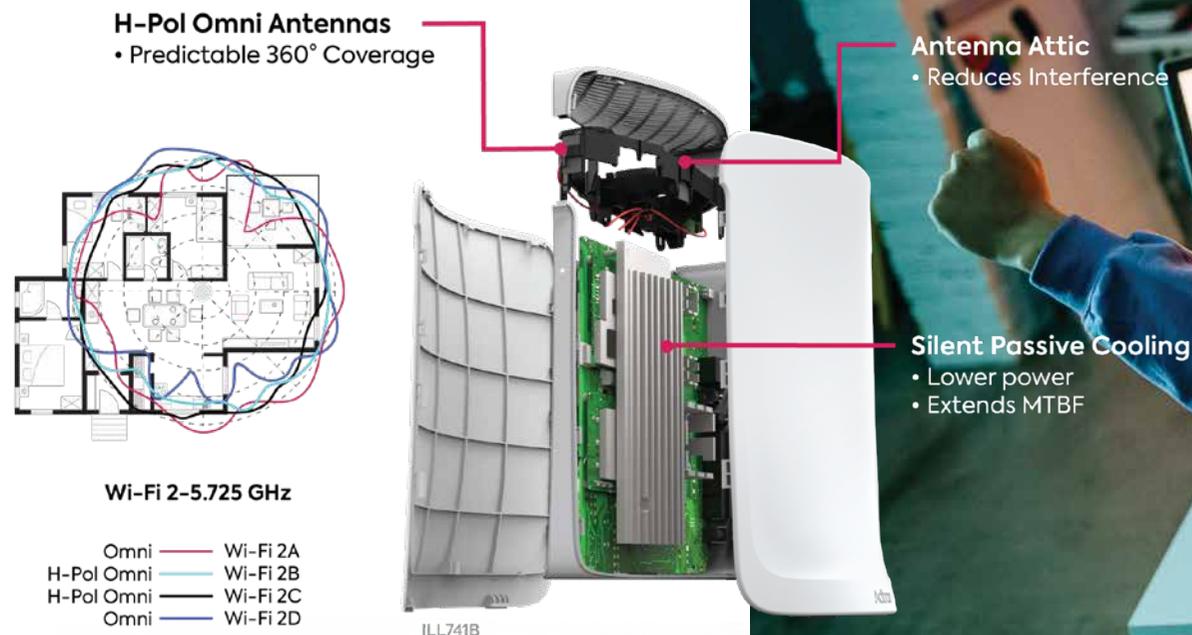
- Most powerful ever ARM processor delivers twice the speed of previous generations
- Innovative space-age design that looks great on your desk or shelf

Seamless Connectivity

- H-Pol omnidirectional antennas delivering consistent 360° coverage
- Unique antenna attic to minimize RF interference

Silently Durable

- Silent, passive cooling design reduces power consumption
- Fewer components ensure extended lifespan with longer mean time between failures (MTBF)



AI-Driven, Adaptive

The Wi-Fi environment is constantly changing and is prone to causing interference. This results in a poor in-home Wi-Fi experience creating increased support calls and truck rolls.

Use AI-driven insight and optimization to proactively resolve problems before they occur by delivering next-level, in-home Wi-Fi experiences.

Fast, Intuitive App

- Simplified onboarding, self-care, parental controls, and unique network insights

AI-Enabled, Adaptive Mesh

- Wi-Fi that consistently delivers the highest performance to all devices, all the time

AI-Driven Security

- Detect and prevent network and physical threats

95+%

Success with App-Based On-Boarding

\$150

Self-Install Savings per Subscriber

36
Points

Increase in Net Promoter Scores (NPS)



Powered by Plume

OPEN PLATFORMS

Unlocking Innovation

Adtran Service Delivery Gateways leverage open platforms and standards that abstract services from the underlying hardware, unlocking service innovation, speeding new service rollouts, and growing new revenue streams.

OpenSync-Enabled SDGs

- Deliver a consistent service experience across all existing and emerging Wi-Fi technologies (Wi-Fi 5, 6, 6E, and beyond)

Platform for Premium Services

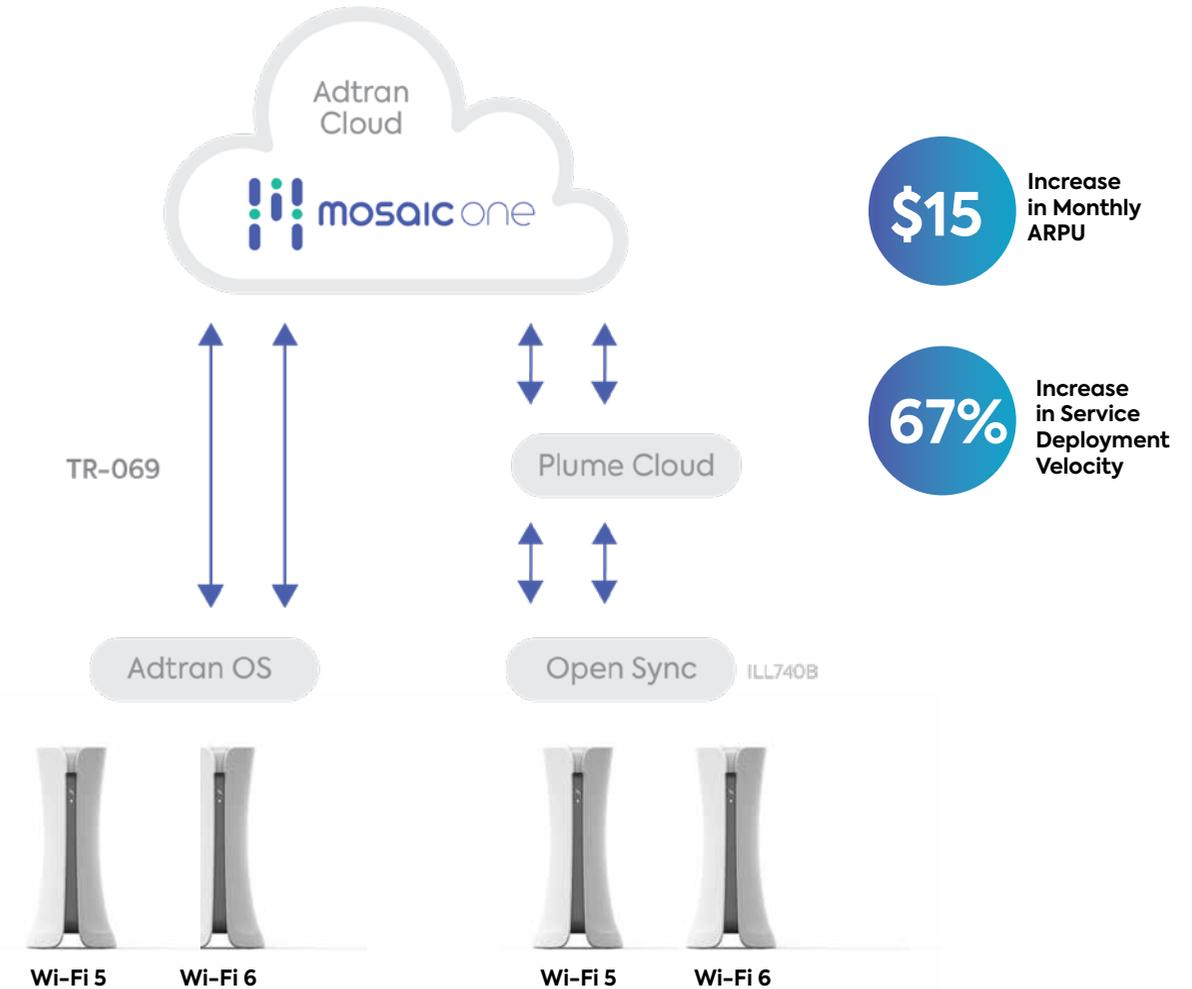
- Value-added services that leverage subscriber usage insights to drive ARPU and service stickiness

Built on Open Standards

- Open standards (TR-069) to simplify management of multivendor, multiplatform environments

Pre-integrated Solutions

- Best-in-breed software and hardware solutions speed time-to-market and enable agile operations



INTELLIGENT
SAAS APPLICATIONS

Monetize the Network

Modern networks demand high-speed connections, optimized performance, and value driven solutions. With Mosaic One, providers can aggregate applications in one screen that delivers actionable intelligence.

AI-driven Mosaic One SaaS applications empower marketing, operations, and customer success teams to reduce operational expenses and increase profitability while improving customer satisfaction, and reducing churn.

57%
Reduction
in Truck
Rolls

50%
Fewer
Support
Calls



Mosaic One Promote

Empowers marketers to deliver intelligent broadband by enabling them to leverage subscribers' online user behavior and segment them as gamers, streamers, or surfers



Mosaic One Care

Troubleshoot a subscriber's connection from the access network into the home in minutes. This enables you to resolve issues quickly and minimize expensive truck rolls



Mosaic One Operate

Enables operations teams to monitor both the access and subscriber network for alarms and proactively correct them, minimizing network downtime





Designed for the Future

Adtran Service Delivery Gateways offer a blazing-fast ARM processor combined with a modern design and multiple uplink and mesh options. This provides you with the right deployment option at the right price for your target markets.



	Dual-Band Ethernet SDGs	Tri-Band Ethernet SDGs
Access Tech	GigE / 2.5GigE	GigE / 2.5 GigE
Wi-Fi Variants	Wi-Fi 5 and Wi-Fi 6	Wi-Fi 5 and Wi-Fi 6
Application	RG and Mesh Extender	Mesh Extender / RG
Coverage	Single-level SFU	Apartments
Wi-Fi Speeds	Up to 3.6Gbps	Up to 6Gbps
Mesh	Dual-Band	Tri-Band
OpenSync	•	•
Multi-Gig UNI		•
Voice	•	



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TL9000
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