ADTRAN

BUSINESS WI-FI

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Low TCO	Zero-Touch	Gigabit	Wi-Fi	Open Architecture	Enabled

Benefits

- 100% cloud-managed Wi-Fi without required subscriptions
- Powerful enterprise-class APs available at market-disruptive pricing
- Zero-touch AP provisioning and Zero IT setup in five minutes or less
- Machine-learning-powered, self-optimizing and healing technology
- Context-aware security and firewall
- Seamless feature and service upgrades to match your unique needs and budget
- Scale from a handful of APs to thousands across multiple locations and customers
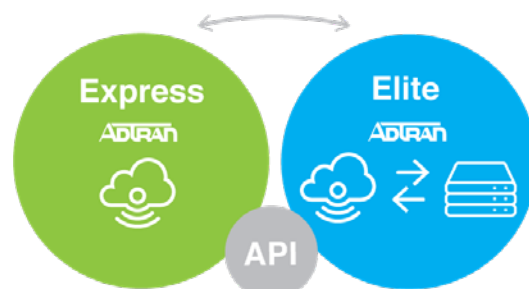
Overview

Whether a local attorney or doctor's office; hotel or B&B; independent coffee shop or local branch of a global chain – small businesses and medium and large distributed enterprises alike all expect fast, reliable Wi-Fi. For many, it seems that Wi-Fi often comes with a compromise. If you want low costs, you often compromise Wi-Fi performance and support. If you want high performance, along with advanced features and support, you expect high costs and complexity.

ADTRAN Business Wi-Fi Solutions offer a better Wi-Fi experience for businesses of all sizes. With lower costs on enterprise-class access points and customizable cloud management, you can create an experience to best fit the needs and budget of your organization.

ADTRAN enterprise-class access points deliver high-performance Wi-Fi, available at market-disruptive pricing. With **Express Cloud**, leverage the power and simplicity of 100% cloud-managed Wi-Fi, without a subscription. Express Cloud is included with each enterprise-class access point.

Elevate the experience with Enhanced Support or upgrade to **Elite Cloud** for advanced network features and flexibility in deployment options. Both ADTRAN Express and Elite Cloud include machine-learning-powered, self-optimizing and healing networks.

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Feature Comparison

Express Cloud	Elite Cloud
Centralized Cloud-Management	Everything in Express Cloud, plus advanced features & functionality
Real-time/Historical Reporting and Analytics Dashboard	Advanced Guest Manager • Lobby Ambassador • Sponsored/Self Sponsored Accounts • Email/SMS Account Validation
Zero-Touch AP Provisioning	
Machine-Learning-Powered, Self Optimizing and Healing Technology	
Zero IT Setup	Wireless Intrusion Detection
Context-Aware Security and Firewall	Heatmaps for RF Planning and Rogue AP Location Tracking
MAC, PSK, 802.1X Authentication	RADIUS, LDAP/AD, SIP2 Web Authentication
Guest Access with Customizable Captive Portals and Walled Garden • Enter Email Address or Username and Password • Click Through • Redirect to External Captive Portal	Flexible Deployment Options • Private cloud/on-premises w/ 1+1 High Availability and Zero Packet Loss Failover • Virtual Appliance (VMware/KVM)
Seamless Layer 2 Mobility	Seamless Layer 3 Mobility

Cloud Comparison

	Express Cloud	Elite Cloud
7x24 monitored, geographically distributed, highly secure data centers	●	●
Customizable notification/alert templates	●	●
Automatic, scheduled, software/firmware and security updates	●	●
Access to Interactive Support Community	●	●
99.99% cloud uptime Service Level Agreement (SLA)		●
Access to World-Class Support via phone/web with 1 hour priority SLA	Optional Upgrade	●
Extended Warranty with next business day remote Advanced Hardware Replacement (AHR)	Optional Upgrade	●
End user help desk	Optional Upgrade	Optional Upgrade

Product Specifications

ADTRAN Express Cloud

100% Cloud-Managed IT

- No required subscriptions or licenses
- No installation or management of on-premises controller or software

Powerful Enterprise-Class APs

- Available at market-disruptive pricing 75% lower than typical enterprise-class APs and licenses

Deployments Made Simple

- Zero-Touch AP Provisioning
  - APs automatically discover the cloud, download firmware, and configuration
- Zero IT Setup
  - Enjoy a fully functional employee and guest network in five minutes or less
- Machine-learning-powered Wi-Fi that just works
  - Self-optimizing and healing technology
    - DynamicRF - Maximizes performance and adapts to interference by learning about the RF spectrum and automatically adjusting optimal radio settings
    - DynamicSteering - Automatically steers clients to the best AP or radio within an AP to provide the best possible quality of experience, provides load balancing and prevents "sticky Wi-Fi clients"
    - DynamicMulticast - Prevents multicast traffic typically sent at low data rates from impacting overall performance by learning about traffic patterns and automatically adjusting optimal multicast settings

Unmatched Visibility and Insight

- Web-based HTML 5 admin interface enables centralized management of the WLAN from any device, anywhere in the world
- Multi-tenancy tiered admin access allows support of multiple customers or sites on a single instance and provides administrators with permissions to just those sites and the resources within them
- Customizable dashboard branding (Logo/Colors)
- Real-time and historical reporting and analytics dashboards
- Complete RESTful web services API for automation, orchestration, and analytics

Context-Aware Security and Firewall

- Role-based access control with L7 device fingerprinting allows you to define group policies based on multiple contexts including user credentials, device type, ownership of device (company owned or bring your own device (BYOD), location and schedule

Seamless Layer 2 Mobility

Remote Site Survivability

- APs continue to function if the connection to the ADTRAN cloud goes down

Interactive Support Community

- Optional upgrades to enhanced support and extended warranty with advanced hardware replacement

A "Right Sized" Feature Set

- Focused on robust enterprise connectivity and security
- Seamless upgrades to ADTRAN Elite Cloud features and flexible deployment options

ADTRAN Elite Cloud

Everything in Express Cloud, plus Advanced Features and Functionality

Advanced Features

- Advanced guest manager
- Advanced authentication methods
- Wireless Intrusion Detection (W-IDS)
- Heatmaps for RF planning and rogue AP location tracking
- Seamless Layer 3 mobility

Flexible Deployment Options

- ADTRAN cloud or yours

Enhanced Support and Extended Warranty

- Cloud and support SLAs
- Advanced hardware replacement

Ordering Information

1. Choose Your AP (Includes Access to Express Cloud and Interactive Support Community)

Equipment	Part No.
Single Pack	
AP 2020,11AC, 2X2, Internal Antenna	1700945F1
AP 2030, 11AC, 3X3:3, Internal Antenna	1700948F1
AP 2035, 11AC, 3X3:3, External Antenna	1700949F1
AP 2135 OUTDOOR,11AC, 3X3:3 External Antenna	1700962F1
AP 3040, 11AC, 4x4:4, Internal Antenna	1700965F1
AP 3045,11AC, 4x4:4, External Antenna	1700966F1
3 Pack	
3 PACK AP 2020	4700945F3
3 PACK AP 2030	4700948F3
3 PACK AP 2035	4700949F3
3 PACK AP 2135	4700962F3
3 PACK AP 3040	4700965F3
3 PACK AP 3045	4700966F3

2. Add Enhanced Support/Extended Warranty

Warranty Option	Part No.
Phone Support	
ProCare 1 Year Basic Maintenance for 1 Access Point for use with upgrading Express Cloud from Interactive Support Community.	1100AMWIF1M1T1
ProCare 3 Year Basic Maintenance for 1 Access Point for use with upgrading Express Cloud from Interactive Support Community.	1100AMWIF1M1T3
Phone Support and Advanced Hardware Replacement	
ProCare 1 Year NBD Remote Maintenance for 1 Access Point for use with upgrading Express Cloud from Interactive Support Community. Includes support and next business day advanced hardware replacement.	1100AMWIF1M2T1
ProCare 3 Year NBD Remote Maintenance for 1 Access Point for use with upgrading Express Cloud from Interactive Support Community. Includes support and next business day advanced hardware replacement.	1100AMWIF1M2T3

Or 3. Select Elite Cloud

Elite Option	Part No.
Elite Cloud 1 Year Subscription for 1 Access Point. Includes: Elite Cloud, ProCare support, software/firmware updates, next business day advanced hardware replacement.	1100MSPH200112
Elite Cloud 3 Year Subscription for 1 Access Point. Includes: Elite Cloud, ProCare support, software/firmware updates, next business day advanced hardware replacement.	1100MSPH200136
Elite Cloud 5 Year Subscription for 1 Access Point. Includes: Elite Cloud, ProCare support, software/firmware updates, next business day advanced hardware replacement.	1100MSPH200160