

# NETWORK AS A SERVICE MADE EASY

## ProCloud Subscription Services

### **BLUESOCKET 2030/2035 HIGH-PERFORMANCE DUAL RADIO 802.11AC ACCESS POINT**

#### Benefits

- 802.11a/b/g/n/ac wireless access points supporting MIMO antenna technology
- Dual radio 2.4 GHz and 5 GHz
- Full 3x3:3 MIMO performance
- Data rates up to 1.3 Gbps on 5 GHz radio and 450 Mbps on 2.4 GHz radio
- Fully functional with 802.3af (PoE)
- User configurable maximum-associated clients per radio
- Increased receive sensitivity for mobile devices with less transmit power
- “Zero-touch” AP deployment—APs automatically discover vWLAN, and download firmware and configurations
- Layer 7 Device Fingerprinting provides reporting and analytics of device types and device-specific policies
- Supports WMM/802.11e and QoS for Enterprise-class Voice over Wi-Fi
- DynamicRF Radio Resource Management Technology—automatically configures optimal radio settings to maximize performance
- Integrated wireless intrusion detection system to identify rogue access points and wireless attacks
- Supports stateful firewall for highest security at the edge

#### Overview

ADTRAN’s wireless portfolio includes a family of 802.11n and 802.11ac high-performance Access Points (APs) that are a perfect fit for enterprises of all sizes, including educational institutions, retail, hospitality, and healthcare providers who are looking to move their organizations to a pervasive mobility environment. Bluesocket® APs are completely plug-and-play requiring no manual configuration and deliver optimal performance. Whether you want to add wireless to your office or deploy across an entire campus, the Bluesocket APs are designed to meet your needs.

#### High-Performance, Reliable Connectivity

The Bluesocket 2030 and 2035 indoor APs offer enterprise-grade performance, with three transmit and three receive streams providing data rates up to 1.3 Gbps on the 5 GHz radio and 450 Mbps on the 2.4 GHz radio for a total of 1.75 Gbps. The Bluesocket 2030 AP includes six MIMO internal antennas with up to 5.5dBi peak gain, and the Bluesocket 2035 includes six RP-SMA connectors for external antennas.

The Bluesocket 2030 and 2035 APs provide high performance, reliable coverage in ultra-high density wireless environments, such as indoor arenas, conference centers, libraries, and other high traffic areas. The Bluesocket 2030s Series APs support the newer generation of laptops with three stream radio support, and offer higher receive sensitivity on both the 2.4 Ghz and 5 Ghz radios to compensate for Bring Your Own Device (BYOD) type mobile devices such as smartphones and tablets that have a fraction of the transmit power of traditional laptops.

The Bluesocket 2030 and 2035 APs are fully functional with the power delivered by a singleport 802.3af PoE solution.

#### Cloud-Managed Wireless

ADTRAN’s wireless solutions are built on Bluesocket virtual Wireless LAN (vWLAN), the industry’s premier cloud-managed wireless LAN. vWLAN® is simple yet powerful: simple in that it is intuitive, easy to learn, setup and use, and powerful with unmatched visibility, security, reliability, scalability and performance. In addition, ADTRAN’s ProServices<sup>SM</sup> offer the most robust lifecycle professional services—from initial designs, to onsite surveys, to installations, all the way to end-user Help Desk.





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### Deployments Made Simple—Auto Provision, Auto Configure, Auto Optimize

- **Zero-touch AP Deployment:** APs automatically discover vWLAN in the cloud, download firmware and download configuration.
- **Zero-IT Setup:** Enjoy a fully functional employee and guest network in minutes with just a few clicks and keystrokes.
- **DynamicRF:** Radio Resource Management (RRM) technology maximizes performance, adapts to interference, and provides seamless L2/L3 mobility by automatically setting channel and TX power settings, discovering neighbors and load balancing.

### Unmatched Visibility and Insight

Cloud management allows you to view, manage and optimize the Wi-Fi® network from any device—anytime.

- **Customizable Reporting and Analytics Dashboards** provide realtime and historical business insight into the network.
- **Multi-tenant Support** enables centralized management of multiple customers or business entities from a single software instance.

### Unsurpassed Security, Reliability, Scalability and Performance

- **Context-aware Access Control (with Layer 7 Device Fingerprinting)** allows for defining security policies based on users, device type, ownership, location and schedules. Businesses can now support BYOD or allow guest access while ensuring highest levels of network security.
- **Built-in Wireless Intrusion Detection (W-IDS)** to detect and isolate rogue access points in the network.
- **Built-in High-Availability (HA)** with zero packet loss failover ensures a reliable, always-on network.
- **Elastic Scalability** allows the network to quickly scale without the constraints of legacy hardware controllers.

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