



# Unified User Access Control Software for vWLAN

**Controls users from wired ports and other manufacturers' access points**

## Product Features

- Provides unified wired and wireless access throughout the enterprise
- Controls users entering the network through wired ports or third party access points
- Enables consistent service delivery and a seamless user experience for all types of users
- Allows consistent authentication irrespective of a user's access method
- Protects investments by enabling a heterogeneous access point environment
- Simplifies administration by allowing all users to be addressed with the same set of policies
- Offers customers a migration path from older access points



**First and only  
WLAN Solution  
with control based  
on VMware.**



### Virtual Wireless LAN (vWLAN®)

vWLAN is the only wireless LAN solution with control and management virtualized on software residing on a hypervisor or on a virtual appliance. Rather than deploying hardware controllers to operate a wireless network, vWLAN enables an enterprise to leverage virtualization and eliminates all the constraints and costs of physical hardware controllers.

### Unified Access Throughout the Enterprise

The unified user access control software for vWLAN enables the control of users entering the network from wired ports and other manufacturers' access points. This allows an enterprise to create a truly unified wireless and wired network by providing uniform service delivery, a seamless user experience, and consistent authentication irrespective of a user's access method. The unified user access control software also simplifies administration by allowing all users to be addressed with the same set of policies.

### Software Enabled Functionality

The unified user access control software for vWLAN delivers a unified access solution via software and unlike other wireless LAN solutions, does not require new, costly network hardware. This difference provides customers with substantial capital and operational cost savings.

### Unprecedented Flexibility

Designed to allow for maximum network flexibility, vWLAN's unified user access control software can be selectively assigned on a per access point basis. Since it is

software based, free of hardware controller dependency, coverage can be easily expanded on an as needed basis. This provides the flexibility to quickly address user needs within an ever changing network environment.

### Investment Protection

As the only solution that can control users entering the network from other manufacturers' access points, the unified user access control software protects previous investments by enabling a heterogeneous access point environment and offering a migration path from older access points. With a vWLAN solution, customers can still utilize their existing access points while also deploying Bluesocket® access points.

### High Availability, Fault Tolerant Environments

Optional high availability software for vWLAN is designed to provide hitless failover with zero packetloss to ensure uninterrupted wireless LAN service even during a control plane failover. The 1+1 high availability scheme, which does not require the addition of new hardware, is based on installing both a primary and secondary vWLAN software control instance which can be deployed anywhere in the networked world.

The optional high availability software can be used in conjunction with the unified user access control software to extend high availability functionality to users accessing the network through wired ports or other manufacturers' access points. This ensures maximum connectivity throughout the enterprise—regardless of the access method.



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## Ordering Information

Equipment	Part #
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**vWLAN Control and Management Software**

vWLAN VMware-Ready Software: 1951900G1  
For existing VMware ESX/ESXi platforms

vWLAN Software: Pre-loaded bundle, 1700900F1  
includes appliance

**ADTRAN Bluesocket Access Points and Software**

Bluesocket 1800 Access Point: 1700910F1  
802.11a/b/g/n, six internal MIMO antennas

Bluesocket 1840 Access Point: 1700911F1  
802.11a/b/g/n, six external RP-SMA connectors

Access Point vWLAN Software License 1951901G1

**Accessories and Software Options:**

12V External Power Supply 1700911F1

802.3af compliant 1700920F1  
Power over Ethernet (PoE) Injector

2.4 Ghz and 5 Ghz Omni Antennas 1700939F1  
for the Bluesocket 1840

Suspended Ceiling Bracket 1700921F1

High Availability Access Point Software: 1951904G1  
Provides hitless failover to secondary control instance

Unified User Access Control Software 1951910G1  
for vWLAN:

Supports 32 users per access point from a source other than a Bluesocket 1800/1840 AP



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