Unified User Access Control Software for vWLAN

Controls users from wired ports and other manufacturers' access points

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.

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

vmware® READY

First and only WLAN Solution with control based on VMware.

vmware® PARTNER

TECHNOLOGY ALLIANCE

ADTRAN® bluesocket®

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Ordering Information

Equipment	Part #
vWLAN Control and Management Software	
vWLAN VMware-Ready Software: For existing VMware ESX/ESXi platforms	1951900G1
vWLAN Software: Pre-loaded bundle, includes appliance	1700900F1
ADTRAN Bluesocket Access Points and Software	
Bluesocket 1800 Access Point: 802.11a/b/g/n, six internal MIMO antennas	1700910F1
Bluesocket 1840 Access Point: 802.11a/b/g/n, six external RP-SMA connectors	1700911F1
Access Point vWLAN Software License	1951901G1
Accessories and Software Options:	
12V External Power Supply	1700911F1
802.3af compliant Power over Ethernet (PoE) Injector	1700920F1
2.4 Ghz and 5 Ghz Omni Antennas for the Bluesocket 1840	1700939F1
Suspended Ceiling Bracket	1700921F1
High Availability Access Point Software: Provides hitless failover to secondary control instance	1951904G1
Unified User Access Control Software for vWLAN: Supports 32 users per access point from a source other than a Bluesocket 1800/1840 AP	1951910G1

2011 INTERNET TELEPHONY PRODUCT OF THE YEAR

TL9000
TL19.1270