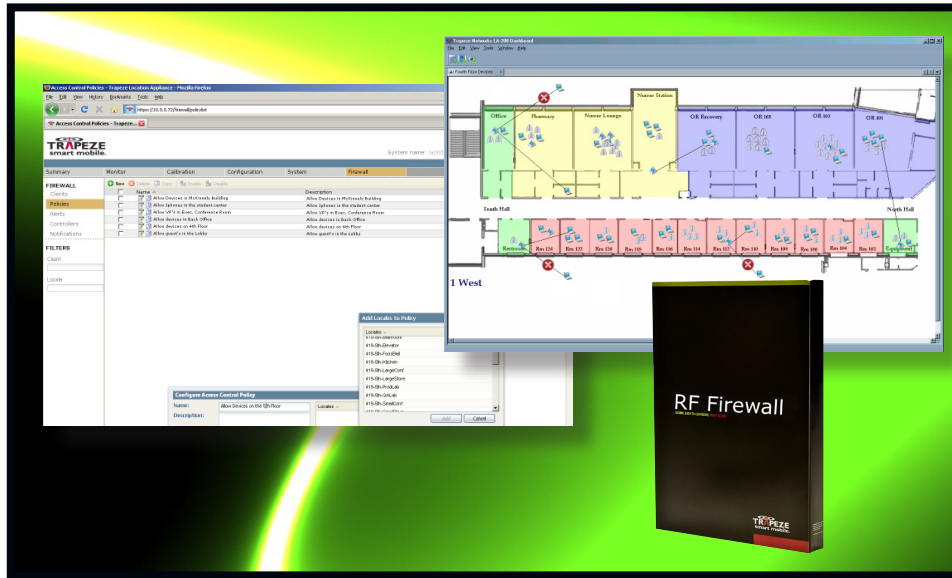


DATA SHEET

RF Firewall

Easy to Deploy Location-Based
Perimeter Security for Wireless
LANs



Trapeze Location Services for Wi-Fi enable enterprises to track valuable assets and people in real time, and augment security with location awareness.

Trapeze RF Firewall

RF Firewall is a location-based security and policy enforcement application which creates a secure perimeter or virtual firewall around the corporate or government facility. This actively prevents hackers or neighboring users from gaining unauthorized access to the Wi-Fi network, protecting valuable network resources, assets and data. RF Firewall is an integrated application that works in conjunction with the Trapeze LA-200E Location Appliance™.

Location-based Perimeter Security

RF Firewall creates a virtual location-based firewall around facilities and prevents unauthorized access from attackers attempting to break into a wireless network using high-gain antennas, spoofed MAC addresses, broken encryption keys, and stolen credentials and devices. Using location as a part of authentication procedures, outsiders are kept off the network to prevent systematic attacks commonly mounted from outside.

Location-based Policy Enforcement

RF Firewall allows IT/security personnel to define, manage and control security policies by location. Since RF Firewall can extract location information already created by the LA-200E Location Appliance (through the automated calibration process), it's easy to establish security policies from the existing locations on your

floorplan. Strict access and authentication policies are defined based on physical boundaries – e.g., inside or outside the building, no access allowed in public spaces (i.e. hallways) or employee areas.

Real-Time Actionable Alerts

RF Firewall provides early and actionable alerts for potential security threats such as rogue APs and attempts to connect to the network from the outside by identifying the precise location of the connection attempt or attack. It also tracks user and Wi-Fi device movements based on authentication requests to access the wireless network. A complete, detailed device list and the history of all devices on the network, including attempts to connect to the network, are displayed in real time.

Real-Time Location Tracking

RF Firewall presents an immediate "air traffic control" view of an organization's WLAN airspace by location through the LA-200E dashboard. Visualization can include a floorplan identifying the real-time location of all Wi-Fi devices (including 802.11n clients), asset tags and access points. The LA-200E dashboard also shows device to access point associations to assist IT helpdesk and security personnel with troubleshooting issues that may arise.



Trapeze RF Firewall (continued)

Foundation for Advanced RTLS

The Trapeze LA-200E platform provides a foundation for advanced Real Time Location Services over WLANs. With the addition of RF Firewall™, enterprises can implement perimeter security to lock-down unauthorized access attempts from

outside. Using ActiveAsset™ for asset management they can streamline workflow, improve asset utilization, and reduce asset losses. And with SmartPass™ enterprises can augment identity-based security policies with location-

awareness in order to dynamically adjust user and guest access privileges based on their current location.

Key Features

Location-Based Perimeter Security

- Establish physical perimeter security for any defined area – indoors or outdoors
- Add physical location as an authentication criterion
- Prevent access even with high-gain antenna, stolen credentials or stolen devices

Location Tracking for 802.11 devices

- Determine physical location down to a specific room on a specific floor
- Establish unique access policies for different physical zones such as inside, outside, and public spaces
- Accurately determine if device is inside or outside your facility or any specific “locale”
- 24x7 monitoring of all 802.11 (including 802.11n) devices in and around your facilities

Alerts and Reporting

- Generate security alerts based on location of devices i.e. rogue APs
- Configure alerts via Syslog and Email to escalate security threats to appropriate IT/security personnel
- View security threats and unauthorized connection attempts in reports and lists

Specifications

Dimensions (W x D x H)	<ul style="list-style-type: none"> • 16.8 in x 25.6 in x 1.7 in (42.6 cm x 65.0 cm x 4.3 cm)
Weight	<ul style="list-style-type: none"> • 40.0 lbs (18.1 kg)
Interfaces	<ul style="list-style-type: none"> • 2 10/100/1000 Base-T ports • 1 Serial console port
Environmental	<ul style="list-style-type: none"> • Operating temperature: 10°C to 35°C • Storage temperature: -40°C to 70°C • Humidity: 8% - 90% (non-condensing)
Power	<ul style="list-style-type: none"> • 100-240 VAC 50/60 Hz • 520 watts power supply • Max Amperage draw: 7.0 A at 100V, 3.0 A at 240V
Regulatory Safety	<ul style="list-style-type: none"> • UL 60950-1:2003, CSA 60950-1:2003, EN 60950, IEC 60590, CE Mark-EU Directive 73/23/EEC
EMI / EMC	<ul style="list-style-type: none"> • FCC PART 15 Class A • ICES 003 Class A • VCCI Class A) • EN 55022 Class A, EN 55024, CE Mark (EU Directive 89/336/EEC) • CISPR 22 Class A
IEEE Standards	<ul style="list-style-type: none"> • 802.3: 100BASE-T • 802.3u: 1000BASE-TX Gigabit Ethernet

Ordering Information

LA-200E-xx-RFFW	<ul style="list-style-type: none"> • LA-200E-xx Location Appliance with 2 X 10/100/1000Base-T ports which includes RF Firewall application software for secure Real-Time Location Services (RTLS)
RFFW-A	<ul style="list-style-type: none"> • RF Firewall application software add on to LA-200E-xx
	<ul style="list-style-type: none"> • xx = NA - North America, EU - Europe, UK - United Kingdom, JP - Japan, AU - Australia