



- **Secure terminal emulation from anywhere**
- **One solution for a common user experience**
- **Unified management of all remote access**

### **Terminal Emulation over SSL VPN**

Remote users demand access to mission-critical resources located on all types of platforms, including host-based and mainframe applications. IT needs a way to support these users with an easy, secure and centrally-managed solution that fully leverages existing infrastructure.

SonicWALL® Aventail® Host Access Modules™ takes the enterprise-class terminal emulation technology of AttachmateWRQ™ Reflection® for the Web—the market-leading solution for thin client host access, connects browser users to applications running on IBM®, UNIX® and OpenVMS systems—and integrates it directly into an enterprise-class SSL VPN solution.

SonicWALL Aventail E-Class Secure Remote Access (SRA) enables users to directly access host-based applications via a simple applet download. With SonicWALL Aventail Host Access Modules, administrators can easily extend the secure reach of SonicWALL Aventail E-Class SRA to a wide range of host-based application platforms, including IBM mainframe (zSeries) via TN3270; IBM AS/400® (iSeries) via TN5250; and UNIX, OpenVMS, and Linux® via Telnet or SSH.

The Host Access Module seamlessly integrates AttachmateWRQ Reflection for the Web server functionality into the SonicWALL Aventail E-Class SRA appliance. Real-world applications include configuring a router from a remote device, accessing a mainframe accounting system from anywhere, or reaching crucial host based applications during a disaster.

### **Features and Benefits**

**Secure terminal emulation from anywhere**, using SonicWALL Aventail Host Access Modules, enable a user to securely access a mainframe-based accounting system from anywhere. An IT administrator can configure routers from a remote kiosk. In a disaster, an entire company can securely access host-based resources at a cold or hot standby facility for rapid disaster recovery. Host Access Modules work without administrator rights and will function with Java.®

**One solution for a common user experience** with Host Access Modules, SonicWALL Aventail E-Class SRA appliances deliver one easy-to-manage solution and a common portal experience for users accessing virtually any resources—including host-based, Web-based and client/server applications—from virtually any remote endpoint—including Windows®, Macintosh® and Linux platform desktops, laptops or kiosks. Access is based upon endpoint interrogation and centrally-managed access policy before the connection is authorized. When a user selects a host-based application icon on the portal, an AttachmateWRQ Reflection for the Web terminal emulation applet automatically loads in their browser.

**Unified management of all remote access**, allows administrators to define a single access policy for all host-based, Web-based or client/server resources using the SonicWALL Aventail Management Console, for the highest level of security available. SonicWALL Aventail E-Class SRA administrators need no additional training to configure and deploy Host Access Modules to their SonicWALL Aventail WorkPlace portal.



**Terminal Emulation**

E-Class SRA EX-750  
01-SSC-7712

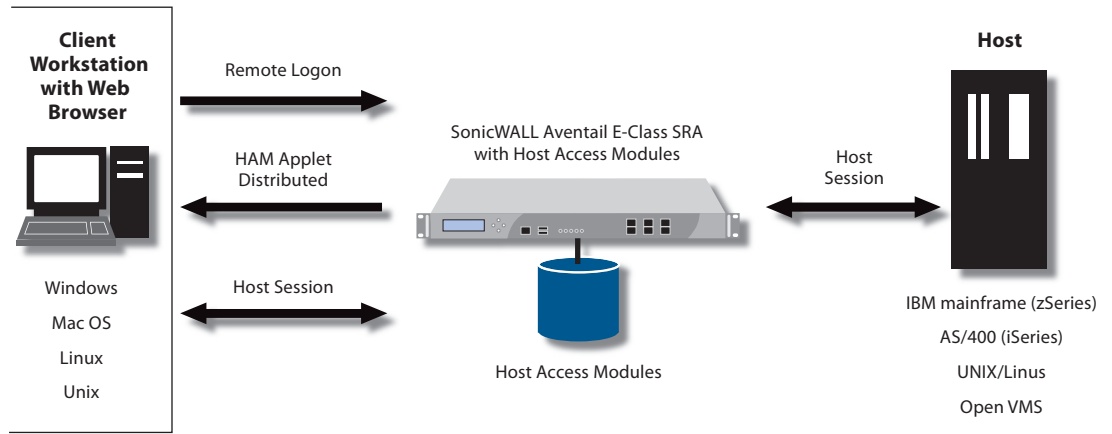
E-Class SRA EX6000  
01-SSC-7758

E-Class SRA EX7000  
50 Concurrent-Users Only  
01-SSC-7968

100 Concurrent-Users Only  
01-SSC-8024

250 Concurrent-Users Only  
01-SSC-8073

500 Concurrent-Users Only  
01-SSC-8115



**Specifications**

**Supported Host Types**

IBM mainframe (3270)  
IBM AS/400 (5250)  
UNIX, Linux and OpenVMS

**Supported Emulation Types**

IBM mainframe	3179, 3180, 3196, 3197, 3270, 3278, 3477, 3486 and 3487
	Models 2 (24x80), 3 (32x80), 4 (43x80) and 5 (27x132)
IBM AS/400	5250, 5251 and 5291
UNIX and OpenVMS	VT52, VT100, VT220 and VT320

**Supported Protocols**

IBM mainframe (zSeries):  
TN3270, TN3270E  
IBM AS/400 (iSeries):  
TN5250  
UNIX, Linux and OpenVMS:  
Telnet and Secure Shell (SSH2)

**Supported File Transfer**

IBM mainframe INDSFILE file transfer for CMS, TSO or CICS

**Screen Printing**

VT logging and controller-mode printing

**International Support**

International code page and keyboard support  
ROECE Latin code page (Eastern Europe) for IBM mainframe and IBM AS/400  
English, French, German and Japanese versions

For more information about SonicWALL Aventail E-Class Secure Remote Access solutions, please visit [www.sonicwall.com](http://www.sonicwall.com).

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