

## Fortress Management and Policy Server

**Fortress Management and Policy Server (MaPS™) provides centralized administration and control for wireless networks.**

### FEATURES AND BENEFITS

#### Policy Based Management

- Security (encryption & authentication)
- Access control
- Class of Service

#### Identity Based Access Control

- By devices and users
- By individuals and groups
- By traffic type and destination
- By time and location

#### Centralized Monitoring

- Monitors network integrity and health
- Provides single view of settings, statistics and alerts
- Displays real-time views and historical reports
- Stores log messages
- Integrates with 3rd-party management consoles via SNMP

#### User & Device Authentication

- Provides local database for devices and users
- Authenticates Fortress Secure Clients, 802.1x users, and guests
- Supports Windows NT Domain Authentication, Active Directory (including Global Catalog), LDAP, RADIUS, RSA SecurID and PKI/CAC

#### Enterprise Scalability

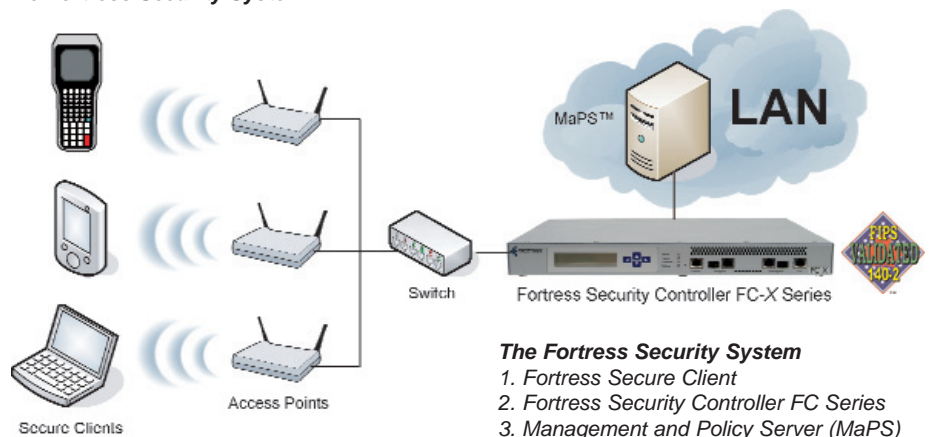
- Manages hierarchical groups of gateways, users, and devices
- Provides full redundancy with database replication and failover
- Supports up to 50,000 users and 5000 controllers or bridges

**The Fortress Management and Policy Server (MaPS™) provides centralized management for Security Controllers and Wireless Access Bridges\*, MaPS controls, configures and provides policy management for thousands of Fortress Security Gateways and Controllers across enterprise networks and remote facilities.**

MaPS™ centralizes definition and control of security services and access control policies. MaPS™ manages policies for role-based access control based on user, device, time of day, location, and class of service. MaPS™ enforces that policy across the security infrastructure and centrally monitors users, devices, status and alerts. MaPS™ maintains a hierarchical view of the network, and centrally tracks user sessions and roaming statistics to control users, devices and traffic flow and ensure security and application performance. MaPS centralizes configuration of Fortress gateway settings, such as encryption and authentication parameters. MaPS™ supports corporate Windows 2K, XP, or 2K3 platforms and can be configured for full server redundancy.

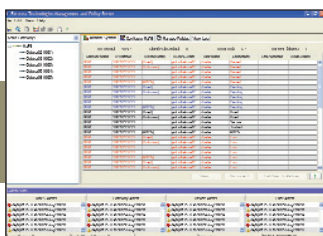
\*Q1 2007

### The Fortress Security System

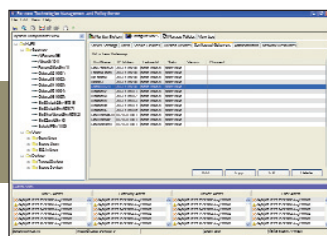


### The Fortress Security System

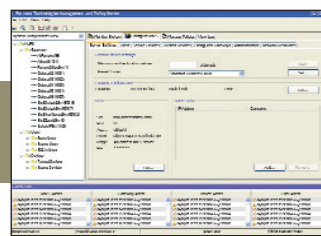
1. Fortress Secure Client
2. Fortress Security Controller FC Series
3. Management and Policy Server (MaPS)



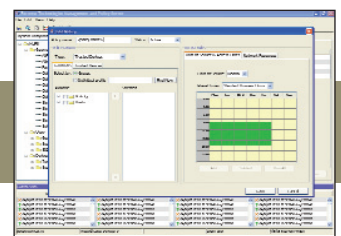
Screen 1: Comprehensive View for Management and Easy Administration



Screen 2: Flexible Policy (by time)



Screen 3: MaPS Configuration



Screen 4: MaPS™ Policy Editing



MaPS is an integral part of the Fortress Security System.

**Fortress Secure Wireless Access Bridges** - Fortress Secure Wireless Access Bridges are all-in-one network access devices with built-in security. The ES Series is ideally suited to work as a self-contained network combining the functions of an access point, Ethernet switch, and security gateway in a form factor engineered specifically for harsh outdoor environments.

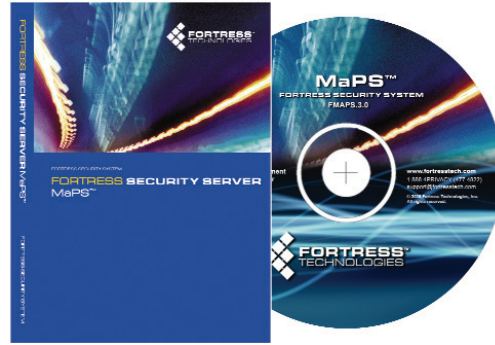
**Fortress Security Controllers** - The FC Series sets the standard for high performance, secure and reliable wireless LANs, satellite, free space optics and fixed wireless links. Available in 250, 500 or 1500Mbps configurations, the FC-X's Selectable Performance Module allows end-users to respond to growing bandwidth needs by simply selecting the appropriate performance for their network.

**Fortress Secure Clients** - The Fortress Secure Client enables devices to securely communicate with the network and peer to peer. When installed, the Fortress Secure Client creates a unique device identifier so that only authorized devices are allowed access to the network. This lightweight software agent supports the widest range of devices and operating systems.

**Fortress Secure Client Bridge** - The Fortress Secure Client Bridge secures devices that have no wireless capability or are not capable of running a security client natively, such as printers, scales medical equipment, industrial machines, point-of-sale devices and more. This hardware client provides a flexible option for any device with standard Ethernet output.

**Fortress Management and Policy Server** - The Fortress Management and Policy Server (MaPS) provides centralized management for Security Controllers and Bridges. MaPS controls, configures and provides policy management for thousands of Fortress Security Controllers and Bridges across enterprise networks and remote facilities.

The Fortress product solution is represented by a global, diverse network of authorized distributors, value-added resellers and systems integrators.



## Fortress Management and Policy Server SPECIFICATIONS

### MaPS Components

MaPS has a client/server architecture and consists of two components:

- MaPS - the server component, runs as a Windows service and communicates with Gateways and authentication servers
- MaPS Console - the client component, is a Java based user interface which provides administrative access to the server

### Management Interfaces

MaPS is administered through the MaPS Console, a Java-based management tool that provides full administration and monitoring functions through menus, dialogs and tabs. The MaPS Console can run from any Java, JRE 5.0, enabled computer with network access. The Console can be installed on the MaPS server. Management functions can also be accessed through Simple Network Management Protocol (SNMP).

### Minimum System Requirements

System requirements for MaPS depend on the number of managed Controllers, Bridges and users.

Fortress recommendations for MaPS with an installed base of up to five Controllers or Bridges and up to 100 users is:

#### MaPS Server

- |                         |   |
|-------------------------|---|
| <b>Operating System</b> | · Microsoft® Windows® 2000, Windows Server 2003 |
| <b>Service Pack</b>     | · Windows 2000: SP 4                            |
| <b>CPU</b>              | · 1GHz Pentium®                                 |
| <b>RAM</b>              | · 512 MB  |
| <b>Free Disk Space</b>  | · 80 MB   |

#### MaPS Console

- |                          |  |
|--------------------------|--|
| <b>Operating System</b>  | · Microsoft Windows 2000, Windows XP Professional, Windows Server 2003 |
| <b>Service Pack</b>      | · Windows 2000: SP 4, Windows XP: SP 2                                 |
| <b>Java™</b>             | · J2SE™ Runtime Environment 5.0  |
| <b>Screen Resolution</b> | · 1024 x 768 pixels  |
| <b>RAM</b>               | · 256 MB   |
| <b>Free Disk Space</b>   | · 35 MB  |
| <b>Browser</b>           | · Internet Explorer 5.0 or above                                       |

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