

## Secure Networks™: Single Sign-On Solution

### Secure Networks Single Sign-On is SAP Certified!

Real-time communication and collaboration are critical in today's competitive business environment, and it is essential that an organization's technology infrastructure be as tightly integrated as possible. Standards-based interoperability is not always enough. True peace of mind comes from knowing that key components of different vendors have been tested and verified to work together in mission-critical networks.

Guaranteeing seamless interoperability with SAP, Secure Networks Single Sign-On Solution is certified by the Integration and Certification Center (ICC) of SAP AG as an SAP Certified Integration.



### Increasing Infrastructure Performance and Security—While Reducing TCO

Enterasys' Single Sign-On Solution is a unique, policy-based system that streamlines the user-logon process—while implementing a strong security layer for network and service authentication. The result is a more manageable system with a high-security access strategy for application usage. As a key component of Secure Networks, a Single Sign-On Solution can:

- Secure the infrastructure from undesirable traffic, network misuse and known threats
- Provide simultaneous user authentication on active directory, network and applications—moves the authentication to where it belongs, the edge
- Ensure effective management of central resources
- Limit security holes when managing different user databases
- Block all resources for invalid or stolen identities quickly and easily
- Simplify change management with the ability to add or delete new users across all platforms in a single step
- Enable easy access, with just one password, for authorized users

### Deploy a Secure Infrastructure—that's Easy to Use and Administer

E-mail and web services, or applications like SAP, are essential in today's business environment, and to ensure security, more and more of these applications and services require authentication and authorization of users.

Yet the process of authentication and authorization can be complicated and cumbersome as each application relies on its own unique database or directory, and its own unique user log-on. Unfortunately, users and their profiles must be entered and synchronized dynamically, increasing the operating costs associated with change management. And, with a number of passwords to remember, users often rely on what is easiest, making it simple for unwanted users to gain access. In fact, the high level of human intervention required makes the process less secure overall.

With the Single Sign-On Solution, access to different systems—operating system, network and individual applications, including SAP—is possible with one password, for a system that is less complicated to administer and less cumbersome to use.

Single Sign-On uses IEEE standard 802.1X user authentication at the switch port. When the user logs in, the network



### Secure Networks Benefits

- **Reduces complexity and risk** by embedding active, automated security into the network fabric
- **Maps business policy to network implementation**
- **Improves visibility** into the network as a single entity for faster trouble resolution
- **Provides secure/reliable access to internal and external users** based on their roles within the organization
- **Delivers automation and system-level control** to lower the cost of administration, implementation and troubleshooting
- **Enables application growth and expansion**
- **Increases productivity** through improved access to data/applications

identifies the user's "Role" within the organization and the "Services" available from the network infrastructure, and then dynamically assigns a set of "Rules" based on the user's role, making access control and application prioritization possible. These Roles, Services and Rules are leveraged to build the appropriate configuration in NetSight™ Atlas Policy Manager—Enterasys' graphical, easy-to-use, policy-management tool—for an infrastructure that reacts dynamically to the requirements of the user who is connecting to it.

With Single Sign-On, authentication and authorization can be administered and maintained from a central resource, increasing security. After an incident, for example, access to all critical resources can be blocked immediately. In addition, operating costs can be reduced because change management is simplified. Users for all platforms can be added or deleted with a single action.

At the same time, user access is made easier. With one log-in, users can sign on to several systems at the same time.

### Secure Networks Single Sign-On Solution:

- Administers application usage policies based on a user's role
- Simplifies change management while providing a strong security layer that increases access and authorization security
- Reduces operating costs by joining different user databases and directories in a single entity
- Streamlines the user logon process—delivering a simple, positive experience for authorized users

The Single Sign-On solution is unique in the industry. It minimizes the cost for administration and enables additional services like prioritization through Quality of Service—improving performance and overall security while ensuring ease of use.

### To Learn More

To find out how Enterasys' Secure Networks and the Single Sign-On Solution can help you ensure the accessibility, bandwidth control and security of your enterprise network, call your Enterasys sales representative or an authorized Enterasys partner, or visit the web at [enterasys.com/secure-networks](http://enterasys.com/secure-networks).

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