

TECHNICAL STANDARDS SECURITY SPECIFICATION

PRODUCT DESIGN, ARCHITECTURE & FUNCTIONS

*Microsecure Corporation
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Frank Lazzarotti & Anthony Simcox 22/3/2000*

Product

Microsecure Enterprise™ Security for Novell Netware & Intranetware Networks.

Overview

Microsecure Enterprise Security systems provide integrated total security solutions (ITSS™) for information systems to ensure the protection, privacy, integrity of data accessed on portables, workstations, servers, enterprise, intranet and internet networks.

Description

Microsecure's leading edge enterprise security technology integrates and enhances it's advanced local workstation products with Novell Netware and Intranetware network security services.

Microsecure Enterprise Security product modules interface, integrate and control workstations running MS-DOS™, WINDOWS 3.X™, (WINDOWS 95™ & WIN 98/NT™ under development) operating systems with, Novell™ Clients connected to Novell Netware 3.X™ and Intranetware 4.X/5.X™ Servers.

Functionality

Microsecure Enterprise Security architecture enhances, controls, initializes, connects, authenticates, identifiers, executes and monitors the Novell; Clients & Login Scripts, Network Connection Services, Bindery Services and Directory Services (NDS™) with the following secure product modules.

Software Boot Protection (SBP™)	Screen & Keyboard Lock Timer (PrivacyKey™)
Workstation Single Sign-On (WSSO™)	ID & Password Caching Manager (IPCM™)
Enterprise Wide Sign-On (EWSO™)	Multiple Directory Trees Access (MDTA™)
Profile Administration Manager (PAM™)	Trusted Recovery Program (TRP™)
User Object Manager (UOM™)	Network Detection Monitoring (NDM™)

Operation

The following modes of operation have been designed with each function specific to each security module. They are transparently embedded in the design architecture for future flexibility, upgrades and customization for each site or enterprise.

The three secure modes for workstation installation and configuration allow for standalone sign-on, controlled network sign-on and global enterprise / edirectory sign-on user groups. The standalone sign-on group may have up to sixteen users or objects accessing the inherent workstation profile. The controlled network sign-on group may have up to sixteen users or objects accessing the inherent workstation and network profiles.

The global enterprise / edirectory sign-on group have unlimited users or objects accessing the inherent enterprise intranet or internet network directory database across multiple directory trees for management, maintenance and support.

The Security Group



Commercial-in-Confidence

TM

Secure Modes

Mode (N) Standalone Sign-On

Local Security for Portables & Workstations Only

- Standalone version no network services integration.
- Single Sign-On Support to Computer and Resources.
- Local User ID & Password Caching for Computer Access.

Software Boot Protection (SBP™)
Workstation Single Sign-On (WSSO™)
Profile Administration Manager (PAM™)

Screen & Keyboard Lock Timer (PrivacyKey™)
ID & Password Caching Manager (IPCM™)
Trusted Recovery Program (TRP™)

Mode (S) Controlled Network Sign-On

Local, Network & Enterprise Security for Portables, Workstations & Servers

- Standalone and Network version with Novell Bindery & Directory Services Integration.
- Single & Enterprise Wide Sign-On Support to Computer and Network Resources.
- Local User ID & Password Caching with Bindery & NDS Single or Multiple Servers.
- Local or Network Detect Monitoring Available Function if Communications is Lost.

Software Boot Protection (SBP™)
Workstation Single Sign-On (WSSO™)
Enterprise Wide Sign-On (EWSO™)
Network Detection Monitoring (NDM™)

Screen & Keyboard Lock Timer (PrivacyKey™)
ID & Password Caching Manager (IPCM™)
Profile Administration Manager (PAM™)
Trusted Recovery Program (TRP™)

Mode (E) Global Enterprise / eDirectory Sign-On

Local, Network, Enterprise & Internet Security for Portables, Workstations & Servers

- Standalone and Network version with Novell Bindery & Directory Services Integration.
- Single & Enterprise Wide Sign-On Support to Computer and Network Resources.
- Unlimited User ID & Password Caching with NDS Single or Multiple Servers.
- Unlimited User Object Search & Login with Multiple Directory Trees.
- Local or Network Detect Monitoring Available Function if Communications is Lost.

Software Boot Protection (SBP™)
Workstation Single Sign-On (WSSO™)
Enterprise Wide Sign-On (EWSO™)
Profile Administration Manager (PAM™)
User Object & Password Manager (UOM™)

Screen & Keyboard Lock Timer (PrivacyKey™)
ID & Password Caching Manager (IPCM™)
Multiple Directory Trees Access (MDTA™)
Trusted Recovery Program (TRP™)
Network Detection Monitoring (NDM™)

