



Super  **Vision**

SuperSign

cutting losses by reducing risk

SuperSign - a features overview

Secure Sign On with Strong Authentication

IT systems are the nerve centre of a corporate infrastructure. Like the human nervous system, they are vulnerable to abuse and attack. All too often, IT security focuses on preventing external attacks, yet studies confirm that the most prolific threat comes from inside the organisation.

Nailing down password management presents one of the greatest present day challenges for IT departments. With security permissions changing regularly to accommodate fluctuating business requirements, users and administrators fight an uphill battle to recall application credentials. This encourages users to simplify logons by resorting to dangerous behaviour such as writing passwords down on post-it notes, re-using the same logon credentials or even sharing their passwords, thus endangering the corporate environment.

SuperSign helps organisations reduce these security threats by removing the need for users to manually type, or even know, their PC and application passwords. Instead, a secure token is used to identify the employee and determine whether they have permission to access the resource. Once consent has been established, SuperSign automatically enters a password and logs the user on.

Where biometric authentication is used, SuperSign can irrefutably link a user to a transaction thereby creating a powerful non-repudiation audit trail.



Multiple applications

SuperSign allows users to access numerous applications – be it logging onto a PC, opening an application or a web interface. It can also operate in thin client and terminal server environments.



Flexible authentication

The solution can be used in conjunction with a range of biometric fingerprint readers and other authentication tokens such as USB keys and smart cards.



Automated change process

An automatic password management function changes logon credentials to strong passwords and maintains these strong passwords when applications require automatic updates, eliminating the need for users to be aware of reset events.

Flexible Identity Management

SuperSign provides administrators with an easy-to-use role-based (as determined by Active Directory) and rule-based provisioning component that allows large scale deployment by creating user groups and establishing pre-defined profiles with declared rights. No scripting or modifications are required.

The solution can be used purely to govern PC logon or can be extended to control access to all applications a user might interface with.

And as SuperSign can also link physical and logical security, true convergence is now at your fingertips.



Effective auditing

SuperSign provides for simple integration with SQL server for robust tamper evident auditing allowing organisations to analyze users' login behaviour and identify instances of system abuse.



Simple implementation

User friendly software allows for quick centralised deployment leveraging existing directory structure connections to different LDAP and databases including Active Directory and Novel-E. As the existing directory structure is used for the provisioning of user SSO profiles, no changes need to be made to the directory schema.



Security built in

Users' SSO profiles are stored in flat 256 AES encrypted files. Credentials are encrypted and secured at all times in the password vault, in transit and on the client. Credentials are decrypted when application calls for them. All data transfer from server to client is done with SSL.

SuperSign – Logical Access Control Locked In

Key Benefits Include

Improved security by

- Eliminating the need for staff to remember logon credentials thereby mitigating risk of internal and external threats.
- Protecting valuable business assets and sensitive information from theft or misuse.
- Reducing the risk of static passwords – by automating password entry, password change policies with strong passwords can be implemented.

Cost reduction by

- Cutting help desk calls and the resources needed to manage them – password related queries account for 20%-30% of all help desk queries.

Risk management compliance

- Including SSO authentication helps organisations comply with data management requirements such as Sarbanes Oxley.

Enhanced productivity by

- Ensuring staff are able to log on without delay.

Ease of deployment

- No scripting or application integration is required. Utilises existing directory resources ensuring the impact on IT infrastructure will be negligible.

Scalability

- Scales easily to suit dynamic environments.

Key features include

Password flexibility

- Strong password-generation allows for long, non-dictionary passwords to be created. Password length, the number of upper case, lower case, numeric and special characters can be set dynamically to ensure compliance with organisational password policies.

Authentication token flexibility

- SuperSign accommodates a range of authentication tokens including multiple fingerprint readers and USB tokens.

Ease of use

- SSO is preconfigured for many applications and platforms – from client-server to web browser to desktop.

Disconnected login

- Allows user to logon to a cached domain / application where laptops are taken off-site.

Auditing

- Integration with SQL allows for reporting on logon information i.e. date and time stamp of who has logon or authenticated a transaction.

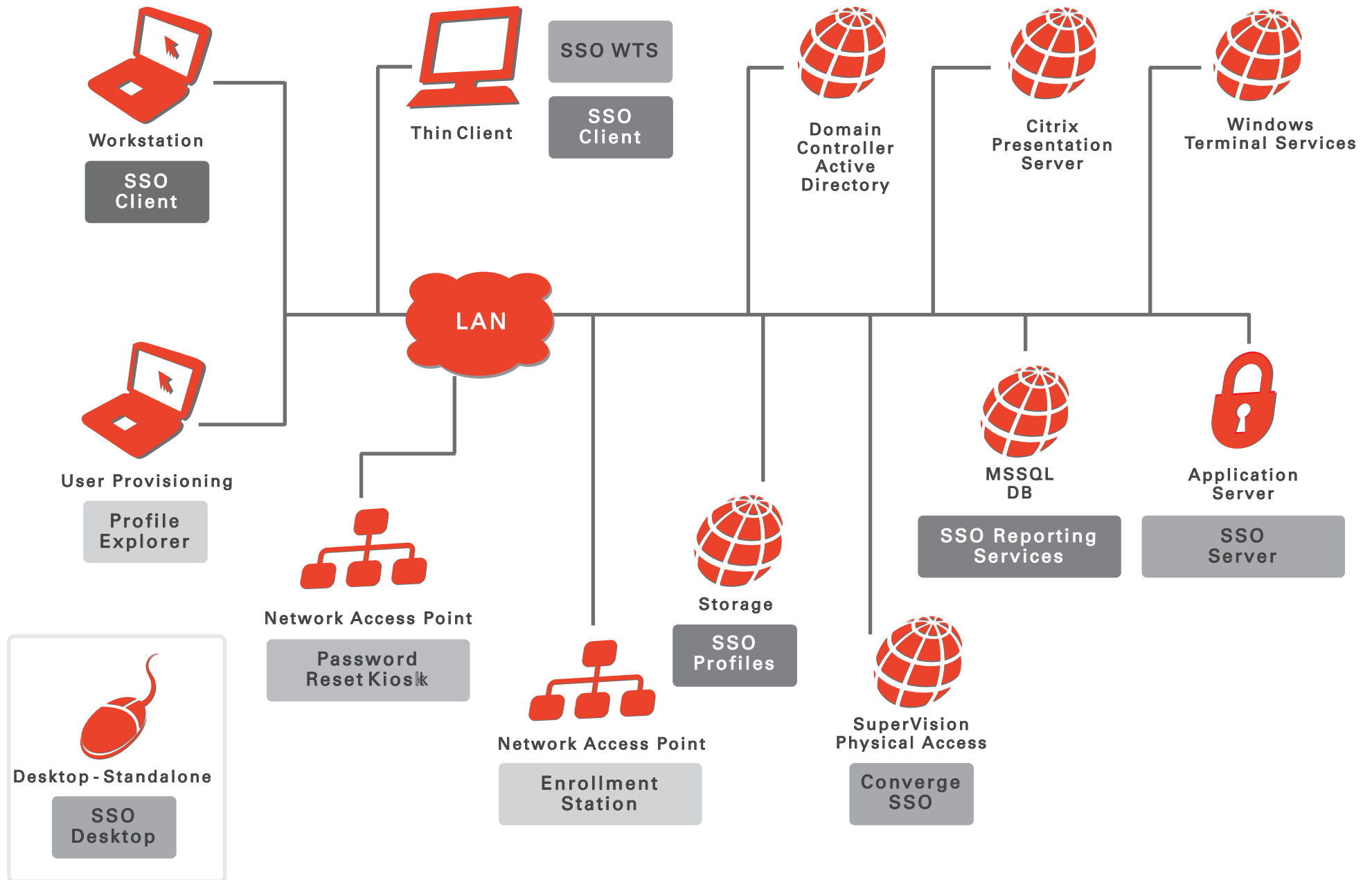
Convergence

- SSO link with SuperVision SAGEM based physical access control system to deliver converged access control solution.

Microsoft Windows compliance

- Support for Windows XP, Vista and Windows 7.

SuperSign - secure password management made simple



SuperVision
SuperSign



SuperSign is a product developed in collaboration between SuperVision and Sybu Data

To learn who's using SuperSign and how it's protecting them, call us on +27 (0) 21 913 6075 or visit www.supervision.co.za for technical resources, whitepapers and stats on the dangers of poor password management

Cape Town +27(0)21 913 6075 . Pretoria +27 (0)12 667 6727 . Web www.supervision.co.za . Mail query@supervision.co.za

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