

# SecurAccess Release Notes

## Historical Archive



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## Release Notes for Version 9.3.503 (Feb 19)

### Bugs

- A number of General Bugs have been resolved
- Fixed potential for mixed web content issues when protecting and offloading SSL for SecurAccess portals, through Load Balancer or WAF's (Web Application Firewall) - (please check & consider existing LB or WAF config in case they are performing rewrite of URL's to resolve mixed content in previous releases)
- Fixed secenrol login issues when enabling UPN authentication per domain.

### TLS

- Outbound HTTPS connections will now use the highest TLS version supported by the server (up to 1.2)

### Admin

- Fixed an issue where Replica LDS domains could not be created
- Fixed an issue with HTML appearing at the bottom of a downloaded report
- Fixed an issue where temp user dates were displaying incorrectly on a non-English language

### Push Notifications

- Updated Apple certificate included in installer
- Updated Apple certificate update URLs in server.ini
- Introduced facility to enable Push notifications per user
- Support for FCM (Firebase Cloud Messaging) - GCM (Google Cloud Messaging) will be deprecated in April 2019.

### Yubikey

- Fixed support for Yubikey authentication through a minimum of TLS 1.1 & TLS 1.2
- Fixed support for Yubikey authentication when utilising a Proxy Server

### Batch Service

- Fixed an issue with account disablement pre-warnings being sent out at incorrect times

### CSP Reporting

- Introduced automatic daily reporting of domains and user licence consumption to central SecurEnvoy licencing platform.
- Fixed support for CSP reporting when utilising a Proxy Server
- Fixed an issue where CSP user report would not report correctly when a single domain was configured.

### Helpdesk

- Fixed an issue with helpdesk password length being restricted to 20 characters

### Reporting

- Fixes an issue with subsequent ADAM/LDS domains not being reported on

### SecurMail

- Fixed an issue where <BR> was appearing in some SecurMail messages
- Windows Login Agent
- Removed sensitive information from appearing in debug trace under specific scenarios

### Windows Server Agent

- Fixes an issue where the user would be presented with a double logon prompt if they did not have a cached favicon
- Refreshed Server Agent Templates for OWA and RDP

### SMS Gateways

- PSI Wincom template updated with a new textencoding "EscapedNewlines"
- Additional Web SMS Gateways added (Twilio, CM Platform, Link Mobility)

### RESTapi

- Fixed an issue when updating a user via api, it required toAuth to be sent otherwise it defaulted back to SMS preload.

### SecRep

- Removed support for SecRep in IIS

## Release Notes for Version 9.3.502 (Jul 18)

### Multiple

- Updated to new SecurEnvoy logo in web portals
- Improved multidomain user searching
- Added setting to force password expiry to be sent to email
- Added function to pre-warn for account lockout
- Added notification when user account disabled by admin
- Added new SMS Gateway templates
- Added licence revocation functionality
- Security patches
- Fixed Web Gateways not honouring proxy settings
- Fixed for passcode resend button not working

### Admin

- Latest version checking and alerting
- Reinstated legacy SaaS functionality as CSP

### VSA

- Added ability to configure serve to allow login with a local account during initial setup wizard
- Added ability to re-generate config.db during initial setup wizard

### Radius

- Fixed delete trusted group functionality
- Fixed "allow these domains" checkboxes when domain name is a substring of another domain
- Fix for special characters in domain admin passwords
- Fix for "Auth Group" nested checkbox

### Log

- Fixed password appearing in log when invalid characters found

### Gateways

- Fix for page constantly refreshing if login has expired
- Added "Additional Auth Prompt" input for applicable voice gateways

## Enrol

- Added "integration mode" for showing QR code in customer's environment in conjunction with REST API
- Soft token auto enrol when user in soft token enrol state fix

## SecurMail

- Fixed display bug with html encoded characters
- Fix for CSRF cookie with nonstandard "secmail" URL

## Release Notes for Version 9.1.501 (Oct 2017)

### New functionality in this release

- Improved GUI
- New Dashboard status page in GUI
- Initial Setup Wizard in GUI replaces Advanced Config
- Added support for NFC in Mobile phone Apps
- Added support for YubiKey Hardware Tokens
- New REST API for automated remote administration from any OS
- Web SMS/Phone Gateway Setting moved to the Admin GUI
- LDAP Domain Management moved to the Admin GUI
- Support For Apple Push Notifications via https (port 443) on Windows Server 2016 Only
- Native Support for 64bit OS
- Added Support For TLS 1.1 and 1.2
- Added Support For Windows Server 2016

### Bugs Fixed

- Pin enrol is requested incorrectly when primary domain is set to type ADAM and domain 2 is type

### AD

- When creating new user from helpdesk, now creates user as standard user not helpdesk
- LdapBase reporting within Security server Admin and Reporting wizard
- Passback Groups in Radius only passes one attribute if separator is not set
- Securectrl does not pass the AD group membership back to WLA when using UPN
- When selecting "Attachment" when replying to a SecurMail it sends the message rather than presenting the attachment upload page.
- Users are allowed to re-use SMS sent OTP's when their mobile number is deleted

## **Previous Version 8.1.504 (Mar 2017)**

### Bugs Fixed

- If Apple Push Gateway is inactive for 2 or more hours, it does not automatically reconnect leading to one failed push attempt
- When enabling migration to a third-party radius server, radius packets are incorrectly formed
- SecurPassword portal fails to reset password if the admin password contains certain control characters
- Windows logon agent offline is not case insensitive
- Windows logon agent fails if used without push
- Manage My Token, QRCode does not enlarge

## **Previous Version 8.1.503 (Aug 2016) OEM Only Release**

### New functionality in this release

- Added OEM installer for embedding SecurEnvoy Server into third party products

### Bugs Fixed

- Changing to a black GUI ends up corrupting graphics, black graphics are no longer supported
- Fixed an issue where public mobile numbers are not cleaned up when sent as a Simple SMS



## Previous Version 8.1.502 (Jun 2016)

### New functionality in this release

- Advanced Config now includes tabs for different gateway types and test buttons for push connectors
- WebTemplates extended to include TextEncoding=URL20
- Radius migration extended to pass all received attributes
- Added support for 2 UserID attributes to allow for users that have different samaccountname to first part of userPrincipalName
- OEM white labelling added

### Bugs Fixed

- If a Radius client with a password of 16 long is received incorrectly with two blocks of 16 data the second block is ignored
- Enrolling secret answers that are longer than 13 error and reflect back the entered answer without encoding special characters
- SecurPassword secret question answers are checked to make sure they are longer than 3 characters and not blank

## Previous Version 8.1.501 (Apr 2016)

New functionality in this release

- One Swipe Online Push added
- Option to protect Soft Token Phone App with Touch ID or Pin
- OneSwipe Offline QRCode Touch ID or PIN unlock to restore the last entered password
- SecurMail Sender Portal with mobile app support added
- Customisable rules for cleaning up mobile numbers
- Tmp Passcode, new "Device Not Lost" mode to restore the old token
- Group Deploy includes support for nested groups on Microsoft AD systems
- Custom install for Edge servers in the DMZ
- Automated server.ini sync between servers
- SAAS helpdesk admins can now see config tab for their domain
- Simplified Radius GUI admin with names and copy button for easy reference
- Trusted LDAP groups bypass authentication for Radius clients setup with passcode onlyImproved performance when using large numbers of multi-domains
- Added command line option /import to import CSV file containing users, Example `deploy.exe /auto /import=c:\test.csv`
- Option to disable defaulting unknown domains to the default domain
- End user email notification if account disabled
- SecurPassword extended to notify users set to must change password on next login

## Bugs Fixed

- When enabling an existing user the enable date is not updated which will affect reporting and automatic account disable
- Radius passwords encoded with UTF-8 are now supported
- SecurPassword web portal, UserID now checks UserIDMustNotInclude in server.ini
- LDAP failover now remembers the working server by updating LdapActiveServer in server.ini
- At enrol, If Group Deploy "Don't send initial enrol request is checked passcode is not resent to mobile even through mobile number is known to LDAP.

## Previous Version 7.3.501 (Mar 2015)

- New functionality in this minor release
- New admin type Log for only allowing access to Log viewer
- New Report for Log Admin
- GUI Report includes all domains
- SecurICE now supports multi domain
- SecurPassword option to prompt for a SecurEnvoy pin in a separate input box
- SecurPassword now supports multi domain

## Bugs Fixed

- Updated Clickatel template to reflect changes in their API
- SecurMail Outlook Client 2007/10/13 fails to run plugin
- Trusted users that have authenticated with 2FA can access admin, this is now restricted to admin
- level users only

## Previous Version 7.3.500 (Dec 2014)

### New functionality in this minor release

- New Microsoft Server Agent (replaces IIS Agent) with support for RDGateway and ADFS on Windows Server 2012R2
- SMS Gateway speed improved with multi-threading
- SAAS Multi-domain reporting
- Max Tmp Days Added To Admin GUI (Default is 14)
- Real time and voice call now add one failure at the first step to stop multiple sms message
- Report Day Code users now include code every day count
- Report Department and Location added to file exports
- New Report Users That Have Not Enroled for Secret Questions
- New Report Custom to allow any ldap filter to be set
- New Report SecurAccess / SecurPassword User Count
- OneSwipe now supports IE10 and IE11 browsers via flash
- Oneswipe updated to use a single easy to add smart button object
- Oneswipe scan video now moves in the same direction as the phone
- If disable account if no authentication activity in xxx days is set server also checks last enabled date before disabling
- Option to allow create and delete users with openldap servers
- Group Deploy now sets Offline laptop if this is displayed in the GUI

### Bugs Fixed

- Changing mobile numbers from public to private may result in lost secret answers.
- Webgateway under extreem load sometimes sends sms messages twice
- QRCode not being dynamically recreated when page is refreshed or new tab created
- SecurMail Improved error checking for mobile numbers longer than 18 digits
- IIS Plugin - Logoff cookie not deleted on some setups

## Previous Version 7.2.504 (May 2014)

New functionality in this minor release

- Year added to all logs for improved SAAS billing.
- Reporting of users not authenticated in xxx days now also checks enabled date if user hasn't
- authenticated
- Windows Login Agent can be configured to only use 2fa on selected remote connections or the
- console

Bugs Fixed

- License count sometimes shows the incorrect number of users
- Web SMS Gateway service sometimes loops if DNS fails to return a valid ip address
- SecurMail expiry date fixed for store mode

## Previous Version 7.2.503 functionality (Feb 2014)

New functionality in this minor release

- Automatic backup of unmanaged AD users
- Option to increase secret question enrol to three
- Radius Return attributes via LDAP Mapping extended to include types LDAP IP Address and LDAP Number.
- Improved QRcode image security in Manage My Token portal

Bugs Fixed

- DN and domain number are now taken from the controlled SecurEnvoy Cookie to prevent trusted users crossing to other DN's
- SecurMail Agent failed to get mobile number when sending in stored mode if contact contains upper case in the email address

## Previous Version 7.2.502 functionality (Feb 2014)

Improved admin browsing with license usage caching

Bugs Fixed

Intermittent slow browsing as a result of CLI checking code cert

## Previous Version 7.2.501 functionality (Jan 2014)

OneSwipe

- Admin GUI Black or White background option
- IIS Agent enhanced security with mal formed URL detection (SecurEnvoy recommend all existing IIS agents should upgrade to this version)
- Option to allow email tokens at enrol
- SecurMail Outlook 2013 Agent
- Improved performance
- debug trace improved thread safety
- Added support for admin scripting via PowerShell V3
- Added support for Mac Server Open Directory
- Add nested checkbox to Radius group to allow easy disabling of nesting
- Pin Enrol option to force digits only
- New setting for Batch failure checking to allow for LDAP servers that takes longer than 5 minutes
- SecurPassword integrated with SecurAccess when Windows password is the PIN and the Windows password requires changing
- Trusted networks now return group data via Radius in the same way as authenticated users
- New GUI button under config - license to force a recount of all users

#### Bugs Fixed

- Install fails if license entry is skipped
- New users are disabled after xxx days even though "Disable account if no authentication activity after xxx days" is not checked
- Users set to token type email fail to authenticate if no SMS gateways are available
- New user enrolls with a mobile number shorter than a set minimum length incorrectly displays the option "Use existing Token"
- Enrol resends preloaded passcodes before they are entered if GroupDeploySentAtEnrol=True
- Group Deploy with real time SMS codes for users with a known mobile number fails to send enrol SMS if helpdesk is enabled
- IIS Agent fails authentication if german characters are using in the password

## **Previous Version 7.1.503 functionality (26th July 2013)**

#### New functionality in this minor release

- Windows Login Agent now supports off-line one-time passcode authentication for users of token
- type soft token
- Additional SMS gateway templates for Dynmark and Paratel added

#### Bugs Fixed

- CM VOIP Password encryption fixed for older 128 bit systems
- New installs with no SMS gateway configured now automatically create email config
- Windows Login Agent server error messages fixed
- Remote reporting userid hyperlinks fixed

## **Previous Version 7.1.502 functionality (3rd July 2013)**

New functionality in this minor release

- Radius LDAP group checking only apply to SecurEnvoy managed users to allow for better migration from third party 2FA servers
- Mobile numbers that contain - or / now have these characters removed
- Guest Enrol now includes a "Days" entry box
- SMS Gateways via email now include mobile number substitution in the body and Subject template
- Support Server Side for upcoming Windows Login Agent with off-line authentication via soft token apps
- IIS Agent has even better Cross Site Scripting Defence
- 

Bugs Fixed

- Windows Login Agent always authenticates users that are not in the authentication group, this is
- fixed to skip them
- Web SMS Gateways that connect via proxies are fixed

## **Previous Version 7.1.501 functionality (3rd June 2013)**

Key new functionality in this release:

- Multi SMS Gateway with smart routing
- New SMS Gateway Option for email based gateways
- New token type Voice Call
- Per User Three Codes
- New "Token Type" section in Config to control which token types to use
- More end user choice, secenrol allows Preload, Three Codes, Real Time, DayCode, Soft Token and Voice Call



- Improved SAAS - Multi-domain with per-domain settings for most GUI config settings
- Mac Soft Token
- Improved URL Settings in Advanced Config
- Per-User Radius String Settings mapped from Ldap string attributes
- SecurPassword extended to multi-domains with better support for real time codes
- Enrol and remote admin authenticates all users via 2 step auth
- Support for Windows 2012 server
- New temp user valid for xx days
- Automatically disable inactive users after xx days (default 90 days) SOX's compliance
- Automatically disable pending enrol requests after xx days (default 30)
- New option in group deploy to only send enrol message after user starts to login to secenrol
- New Alerting tab
- New ICE disable message
- ICE Enabled per domain
- Manage My Token (secenrol) now shows extra setting "Use Existing Token"
- SecurPassword Complexity and min length set via admin GUI
- Radius Trusted & Blocked Networks via Calling-Station-Id (RADIUS attribute 31)
- License Quote per domain for SAAS
- Increased performance of migration and IIS Agent
- Reporting added to the main GUI
- Admin gui includes mobile number self enrol
- Soft token display name can be set to a fixed string such as "office"

## Previous Version 6.2.502 functionality

Key new functionality in this release:

- Option to disable resending a new passcode via email after enrol
- Option for soft token enrol via QRCode to passback the userid only or the userid@domain

Bugs Fixed

- User enrol fails if switching to soft token enrol without entering a phone number
- Group Deploy fails if default setting is Email and a mobile number exists
- iis agent fails if next token code is requested
- If the GUI config "Allow Passcode via Email" is unchecked soft token admin may fail

## Previous Version 6.2.501 functionality

- Added Sophos Safeguard Integration
- Reporting Wizard userid links no longer require two factor authentications
- Automatic proxy detection added to PC soft token and SecurMail agent
- SecurMail recipient pickup and reply improved

Bugs Fixed

- IIS handler maps sometime cause adminAPI.dll errors
- IIS Agent MMC fails to show SecurEnvoy icon
- Admin GUI errors when changing a real time user from sending via mobile to email.
- localadmin may require 2fa on systems with more than one network card.
- Helpdesk authentication fails after secret question is answered incorrectly until browser is closed

## Previous Version 6.2.500 functionality

- New Soft Token For PC's
- New Automatic Group Deployment with multi-server failover added for easy administration
- Smtplib authentication and TLS encryption to mail servers is now supported
- Increased cookie security with host locking on all web based interfaces
- Increased cross site scripting defence and input length controls on all web based interfaces
- Helpdesk admin's can't change other helpdesk administrators
- Report Wizard now includes 3 new reports, Private Mobile Numbers, Public Mobile Numbers
- Passcodes via Email
- IIS Agent Enhanced Security with cookie host locking, Cross Site Scripting Defence and Input Length Controls

\*\*\*\*\* All earlier IIS agents should be upgraded to this version \*\*\*\*\*

### Bugs Fixed

- QRCode image doesn't show on some browsers when enrolling soft tokens
- Realtime users can be re-enabled from disable without needing to change to preload
- IIS Agent inactivity time out was timing out too early

## Previous Version 6.1.503 functionality

- IIS Agent 6.2 included in this release as its required for ADFS (Office 365)
- IIS Agent Enhanced Security with cookie host locking, Cross Site Scripting Defence and Input Length Controls. All earlier IIS agents should be upgraded to this version
- IIS Agent support for all previous SecurEnvoy versions via RADIUS

#### Bugs Fixed

- After running "Users that have NOT authenticated in xx days" in the reporting wizard, Pressing Unmanage these users may unmanage more users than selected.
- Config ldap test button incorrectly shows OK

### **Previous Version 6.1.502 functionality**

- Copy protection of soft token enrolment codes added
- Radius received packets extended to 4096 to allow for Microsoft NPS sending extra large numbers of attributes
- Administrator Resend for soft token enrol is now supported
- Soft token enrol now has clear highlighted warning to complete step 4
- Multidomains setup with trusts that incorrectly use the same admin account will now run the batch server on all domains
- New SMS Gateway called Stream SMS, Russian provider added
- Soft token enrol option added to deployment wizard

#### Bugs Fixed

- QRCode browser cache issues fixed when enrolling twice with the same user
- Soft token enrol logged incorrectly if update pressed by administrator
- User enrol with CN that contains : or ;, fixed
- Improved error handling with user enrol
- Helpdesk Admins with group filters fail to update users

### **Previous Version 6.1.501 functionality**

- New Option For "Soft Tokens" that run on iPhone, Android, Blackberry
- Soft Tokens to be released via phones App store, iPhone submitted to Apple June 2011 - Blackberry and Android to follow within next 2 months.
- Support for Google Authenticate Client which is available on iPhone, Android, Blackberry
- Added support for Migration from Vasco 2FA

- Option to strip domain name from userid when migrating
- Removed the need to create groups in non-English operating systems prior to install

#### Bugs Fixed

- Fixed license count issues if creating a new user error

## Previous Version 5.4.503 functionality

- New Radius setting to handle all passcode types in the same way as Real Time Codes
- New sms template smspasscodeviaemail added
- Web SMS Templates now support basic authentication
- IIS Agent, remote browser is finger printed so that only the location that was authenticated is trusted
- SecurPassword Windows Login Agent automatically signs on after password is changed
- Added send mode mobile or email to deployment wizard
- Added support for import lists via email deployment in deployment wizard
- Added configuration option for Helpdesk Admins to view all log
- Radius Group passback optimised to use Microsoft LDAP Chaining
- Added support for IIS Agent version 5.1
- Added support for flow control settings in phone gateway
- Password only authentication added for unmanaged users that use search to locate there
- domain.

#### Bugs Fixed

- Fixed Replica install with 256bit config.db files
- Fixed RealTime Passcodes fail if Debug is set to False (the default)
- Fixed Migration to RSA SecurID fixed next token and new pin modes
- Fixed IIS Agent, Domain and Custom1/2 data in auth.htm templates fail to pass to passcodeok.htm

- Fixed Non-primary groups now passback radius group info
- Fixed issue with send simple SMS selected, Radius fails to locate private mobile number.

## Previous Version 5.4.502 functionality

- 2008 R2 servers now automatically adds .net 3.5 feature if missing
- New installs use 64bit IIS Application Pool (better compatibility with other 64 bit IIS applications)
- New Installs use AES 256, upgrade use existing AES 128 (no changes to existing ldap users)
- Ldap Base added to reporting wizard

### Bugs Fixed

- Fixed MMC Crash on IIS7 if trusted networks and logoutURLs are set
- Fixed SecurMail read receipts
- Extended IIS restart timeout
- Batch Server constraint violation in admin user fixed
- Debug trace fully blanked when set to false

## Previous Version 5.4.501 functionality

- Reporting Wizard Added
- Improved GUI Graphics
- Multi-day day codes restricted to one day of overlap
- Radius server now supports login's with userPrincipalName (userid can include @)
- Radius can be configured to only use 1 network card
- Security server can be upgraded without uninstalling first
- Email now sends HELO with FQDN host name
- Deployment Wizard can now export a list of uncompleted enrols

- SecurPassword now supports password reset directly in the login GUI with the Windows Login Agent
- Added server-side support for SecurPassword via the Windows Login Agent
- SecurPassword re-enables and unlocks disabled users in AD after password is reset
- SecurPassword sends alert email to end user after password is reset (better security)
- SecurPassword can be configured to alert via email any number of administrators after a password is reset
- SecurAccess automatically re-enables and unlocks disabled users in AD after a user is enabled
- Self Helpdesk extended to allow PIN reset
- Added support for O2 sms gateway
- Support per-user "simple messages" (no flash or message overwrite)
- Encryption enhanced to FIPS 140 AES 256 bit
- Radius client in IIS Agent for better security on SAAS servers with customer based IIS agents
- Display when a specific user last logged in
- Separate local.ini and server.ini to allow easy replica update
- SMS templates moved to data\smstemplate
- Helpdesk admin filter lines to only show local domain - better cloud security
- Helpdesk admin are restricted from allowing static user administration - improved security
- Deploy Wizard now supports Real Time and Number of Days for day codes within setup
- Reporting Wizard now includes an email option in the command line for sending report outputs
- Improved logging when windows account is disabled or locked or requires password changing
- ICE message can be edited via the GUI
- SecurMail now includes a "New SecurMail" button that always sends the created email via SecurMail even if send is pressed.
- SecurMail now supports sending from users set in Outlook's from field

- SecurMail easier to send Securmail with new "Send Secure" button directly in the Outlook Message ribbon.
- SecurMail Improved pickup graphics.
- SecurMail Received mails can be easily moved to recipients email program.
- SecurMail support for Outlook 2010
- SecurMail Recipient reply's increased to 5Mb attachments

## **Previous Version 5.3.502 functionality**

- Daycode locking of old code if new one used
- Radius group passback skips nested group checking on Novell as this isn't required.
- Support for userPrincipalName in AD
- Radius migration option to strip @domain from userid
- Add cut left of defined character in userid
- Added IIS agent timeout on inactivity
- Added IIS agent logout URL
- Added IIS agent sso for NTLM (Windows 2003 only)
- Enrol and helpdesk and SecurPassword web graphics improved
- Enrol bookmarking now support IE, Firefox and Opera browsers

### Bugs Fixed

- Fixed Batch server runonstartup to run even if already run in last 23 hours
- Fixes radius single group passback
- Disabled batch server trace file



## Previous Version 5.3.501 functionality

- SMS Gateways routing - local country sent to Modem and International to Web
- Migration - password only authentication for unmanaged users in AD group sepasswordonly have been added
- Migration - third party token servers (RSA etc)
- Support for Terminal Services 2003 32 bit and 64 bit version with a new Windows Logon Agent
- Support for Terminal Services Web Authentication 2008
- External logging via syslog
- Add support for multi-language user name encoding via UTF8 (Hebrew etc)
- Radius LDAP group authentication

## Previous Version 5.2 functionality

- Support for Windows Server 2008 32bit, 64bit and Windows Server 20008 R2
- SecurAccess - Radius option to return member of AD groups (this allows for better access control with VPN's)
- SecurPassword - History list checking added when entering a new password
- SecurAccess - Only resend day code failures if passcode is incorrect and not if password is incorrect.
- SecurICE - Reset ICE Count if new (different) license is installed
- SecurAccess - IIS agent now supports multiple web sites from the GUI
- SecurMail - SMS messages are now configurable
- SecurMail - SMS Failed auth count is now configurable
- Additional Web SMS Gateways Added
- Added support for SMPP based SMS gateways (Ideal for Telco's)
- Mobile numbers starting with 00 are now recognized as international dialing
- All known issues in v5.1 fixed

- Support for internal managed users via Microsoft ADAM (B2B and B2C users)
- Support for AD, e-Directory, Sun Directory, OpenLdap and ADAM concurrently on the same server
- Helpdesk administration granularity via groups
- SecurPassword now includes SMS notification of passwords that will expire in xx days
- Improved administration graphics and online manuals
- Disabled user notification via SMS
- Improved logging with filtering and support for Microsoft Event log
- Support for multiple SMS third party gateways (10 included)
- Proxy server account authentication (Web SMS Gateway)
- Support for optional Real Time passcodes on a per user bases with flash SMS messages and session locking
- Improved performance
- Enhanced user deployment with tools for redeploying self enrolling users and support for user lists
- Improved SSO for IIS agent (no javascript required)
- SecurMail supports an option to re-use the recipients passcode for additional secure mails
- SecurMail has an option to store email for xx days
- New section in the admin GUI for SecurMail management of both senders and recipients
- SecurMail file upload performance improved
- All known issues in v4 fixed

## Previous Version 4 functionality

- Added support for Multiple Domains
- In Case of Emergency (ICE) Support
- Helpdesk self-administration for TMP CODES
- End User mobile number self-enrol
- Web based install and administration guide linked to GUI and on-line web resources
- Remote Administration Now supports Helpdesk or Full Admin
- Added support for any https SMS web gateway via customisable templates
- Email mass deployment for mobile number self registration
- Option To Send 3 One Time Passcodes with each one time SMS Message
- Added support for Firefox on remote admin
- Added support for e-Directory
- Admin search now ignores COMPUTER account
- config automatically fills in domain name with current systems domain
- IIS Agent authentication form now uses separate PIN (Windows Password) and Passcode fields
- End User secret questions enrol for Helpdesk authentication
- Enable / Disable for SecurPassword
- Add Support for Secret Questions in SecurPassword
- Add SecurPassword config to web admin
- Added support for SSL connections to LDAP
- Added support for blank LDAP search base
- Added support for t-Mobile SMS Gateway
- New Enterprise License for Multi Domain Support
- Day codes now resend if the incorrect daycode is entered
- Day Codes can be configured to only send if used (this is the default)
- Logging has been extended to include calling Client IP Address
- SMS Gateway logs now include the userID
- SMS Phone Gateway Now checks the SIM is OK and logs and errors or PIN/PUK locks
- Allows 10% over user license limit on SecurAccess or SecurPassword users (not ICE)

- No longer require LDAP Attribute PagerOther as it is now part of TelexNumber
- Hidden Mobile Numbers are cleaned up at point of entry
- admin GUI now gives an error message if both SMS Gateways are down
- Global Radius Secret for improved administration of Citrix GoToMyPC
- Radius to include default domain for each client with "only allow this domain" option MET managed service