



Technical Release Notes SafeStick and SafeConsole

This document keeps a history of SafeStick and SafeConsole software releases since 3.0 and hardware releases since 2007 (at the bottom of document). Version requirements should be interpreted as use 'at least' named version.

Software Release Notes SafeStick and SafeConsole

Release notes 4.0.2

New features

Hardened User/SafeStick to SafeConsole Link

Local reset of SafeStick can be disabled by the SafeConsole administrator. SafeStick cannot be unlinked from the SafeConsole without the administrators consent.

[Requires SafeStick 4.0.2/SafeConsole 4.0.2](#)

Improved GUI control

Password hint and the end users explicit acceptance of the warranty can be removed from SafeStick by the SafeConsole administrator

[Requires SafeStick 4.0.2/SafeConsole 4.0.2](#)

Preprovisioning for SafeStick

SafeStick can be prepared by the administrator to connect to SafeConsole. This facilitates deployment in a non domain environment where deploying registry entries and certificate files for user self-service might be impractical.

[Requires SafeStick 4.0.2/SafeConsole 4.0.2](#)

Separate certificate for external server address

For organizations with a reverse proxy (eg. MS ISA) a separate certificate can be used in order to allow trusted SafeStick connections from the outside world.

[Requires SafeStick 4.0.2/SafeConsole 4.0.2](#)

Security fixes

Hardened Parsing of Data Entries

Data displayed into the SafeConsole interface is further checked for consistency to avoid potential vulnerabilities.

Improvements

Encrypted passwords for non domain administrators

The passwords for SafeConsole administrators who are not using AD authentication are now encrypted in the SafeConsole configuration files.

Local reset does not require admin rights on Windows XP (BM9930)

Previously a user was required to be local administrator in order to reset SafeStick locally.

Single update software

There is now a single BM7741 update software instead of separate Mac OS and Backup builds.

Update service support multiple hardware

Both BM9930 and BM7741 can be updated with the update service software.

White listing of file types in FileBlocker

The filter for FileBlocker can now be set to allow only a certain set of file types instead of merely blacklisting. If activated on SafeStick drives prior to 4.0.2 they will default to blocking only executable files.

[Requires SafeStick 4.0.2/SafeConsole 4.0.1](#)

Published applications with local start path

A portable application published to SafeStick is now started with it's local path as the start path. This improves the execution of some portable applications.



Bugfixes

Improved EasyShare stability

EasyShare now consistently save files independent of prior actions.

Improved reset for BM9930

Reset feature stability is now improved to avoid cases where SafeStick needed to be reinserted and reset by the end user.

User information collection

An error has been corrected that caused SafeStick to fail when collecting user information in certain environments.

Office 2007 files causing FileBlocker to crash or hang

When copying files with certain mime types including those for Office 2007, the FileBlocker feature would crash or hang instead of blocking the file.

Password recovery information more reliable

If a user set their password without logging in to SafeStick it would previously cause issues with the synchronization of SafeStick – SafeConsole recovery information.

Known issues and limitations

Mac OS 10.4 is not supported for BM9930

Release notes 4.0.1

New features

2008 SafeConsole licenses superseded

Old (v3, 2008) licenses will be refused by SafeConsole 4.0.1 and must be replaced with a v4 license.

Improved social engineering protection for password recovery

Password recovery requires admin to confirm that identity is verified before recovering a password

Improvements

Character limitation for all fields in SafeConsole

Input fields are now limited in SafeConsole to eliminate error messages

Reporting of SafeStick drive amount changed

The number of SafeStick drives is now reported on a per OU basis instead of a total in the organisational overview.

Logging in SafeStick.exe

Logging is added again to help error reporting

Hardware/Software revision notes in SafeStick - about

A note in the about Window will help determine if the drive is equipped with an EasyShare area, if backup or Mac OSX is included with the software and what controller type is used for the device (BM7741 or BM9930)

Translations improved in SafeStick

The language support is improved on certain languages

Bugfixes

Password recovery email showed NaN

The user email address will now be shown correctly when recovering a password

Multiple certificates and password recovery

Adding certificates no longer affect password recovery in SafeConsole



EasyShare file size report

The EasyShare feature would not alert the end user if they shared a file larger than the capacity for EasyShare (normally 16 MB)

EasyShare remove message for BM9930

EasyShare would repeatedly ask the user to remove their shared files when logging in to SafeStick but files could only be removed from the EasyShare window.

Login for BM 9930 SafeStick drives

Only one consecutive login attempt could be made on the new controller 9930 each time the drive was inserted. This issue will also affect the drives ability to disable properly if managed by SafeConsole

Release notes 4.0.0

New features

Backup

SafeStick now supports backup of all data to a central location. Users may recover their backup at any time, and the SafeConsole help desk may recover the backup of one SafeStick to another in case a user loses a SafeStick. This also allows full file shadowing, since help desk may recover any SafeStick.

[Requires SafeStick 4.0/SafeConsole 4.0](#)

Authorized Autorun management

SafeConsole managers may specify a command to run once SafeStick is unlocked under the Autostart application tab. Together with Publisher it is now possible to always launch for example a virus scanner. The command to execute may use any special tokens collected with User information.

[Requires SafeStick 4.0/SafeConsole 4.0](#)

Customise password recovery e-mails

It is now possible to specify the subject of the e-mail generated when users request a password recovery. This allows SafeConsole help desk to add e-mail filters for those requests.

[Requires SafeStick 4.0/SafeConsole 4.0](#)

Improvements

Public Publisher

Publisher now works anywhere SafeConsole is accessible. If a SafeStick is outside of the local area network of the organisation, files are transferred through the SafeConsole server.

[Requires SafeStick 4.0/SafeConsole 4.0](#)

Automatic lost management

It is now possible for SafeConsole managers to specify a limit for the number of days a SafeStick may stay disconnected from SafeConsole before being automatically marked as lost or disabled, thus avoiding doing this manually.

[Requires SafeStick 3.3/SafeConsole 4.0](#)

Better error reports

SafeStick will now notify the user when it cannot register with SafeConsole, and the SafeConsole configuration program provides better error messages.

[Requires SafeStick 4.0/SafeConsole 4.0](#)

Improved performance of the SafeConsole interface



For large organisations, the administrative user interface have been vastly improved and will not slow down when SafeConsole have been synchronized against a large organisational tree



Bugfixes

SafeStick software version is updated in SafeConsole if updated on SafeStick.
The SafeConsole configuration program no longer fails to connect when using Windows Vista and IPv6.

Supported SafeStick hardware

BlockMaster controllers BM7741 and the new generation BM9930, see hardware release notes at bottom of document.

Release notes 3.3.2

Bug fixes

Password recovery works with new devices with 20 digit serial numbers.
File blocker visible from install.

Release notes 3.3.1

Bug fixes

External IP address added for audit logging of SafeStick drives outside organisation.
Web login user name and password default values compatible with 3.2.x software as well as 3.3.
Audit of computer names always active.
Public server address configurable for new installations.

Release notes 3.3.0

New features

Audit trail for SafeStick actions

File copying, locking and unlocking and usage of lost devices will be logged to SafeConsole. The logs contain SafeStick serial, time, computer name and name of logged in user.

Requires SafeStick 3.1.0.

Certificate Carrier from SafeConsole

This allows the SafeConsole managers to deploy settings for SafeStick drives to carry certificates imported from client computers.

Requires SafeStick 3.3.0

Short recovery codes for password recovery

Now only 8 characters are required to be sent by the user instead of 180. The codes now only consist of capital letters and digits easily read over the phone.

Requires SafeStick 3.2.2

Configurable about page

SafeConsole managers may require users to enter information about themselves which will be visible in the about window.

Requires SafeStick 3.3

EasyShare



Users may share individual files on their SafeStick drive without sharing the entire private storage area.

Requires SafeStick 3.3 and 7741 EasyShare enabled hardware

Better language support

SafeConsole is now translated to supports German and Spanish.

It is now possible to install SafeConsole without Active Directory

SafeConsole may be installed on a standalone machine and no longer requires a connection to a domain controller to be installed.

SafeStick drives can be disabled from Active Directory

If a user is disabled in Active Directory, their SafeStick will automatically be disabled as well the next time it is inserted in a computer and connects to the SafeConsole.

Support may now handle lost or stolen devices

Members in the support group are now able to mark SafeStick drives as lost, disabled or reset.

Reset is not possible on a remotely disabled device

Improved features

The performance of the SafeConsole GUI for large organisations has been improved.

While installing SafeConsole the environment will be analysed to make sure that all connections work and that SafeConsole is installed properly.

Bug fixes

Manual assignments of configurations to subdomains are no longer necessary.

Support for international characters in configurations.

Bug fixes SafeStick

ZoneBuilder works for multiple mixed account types on the same machine (admin/non-admin)

Instant Web Login passwords with all special characters are accepted

Login is possible on accounts with broken profiles (previously shown as: 'lost contact with SafeStick')

All functionality is deactivated upon reset dynamically.

Release notes 3.2 only SafeStick

New features

Two factor authentication with certificate injection for PKI solutions

Support for short recovery codes for password recovery

Certificate Carrier enabled with import of two factor authentication

Extended language support

Bug fixes

Support for resolving network drive mapping issues automatically.

Release notes 3.1.3



Bug fixes

Support for multiple subdomains added.

Release notes 3.1.2

Bug fixes

Corrected error where users were not recognised and their email not always displayed when performing password recovery for users with international characters in their name.

Corrected bug where registering a SafeStick from another domain would corrupt the SafeConsole database.

Release notes 3.1.1

New features

Support for specifying the URL of the external

Improved Setup Configuration

Automatic detection of primary domain controller and AD groups for SafeConsole roles during setup

Encrypted LDAP account password

Support for self signed SSL certificates

Support for multiple domains

Users from other domains will automatically be added to the user database if a registry key is deployed to the clients with the primary domain name

Support for MSP service

A MSP may host a SafeConsole and also have multiple customers on the same server

Bugfixes

1000 user limit AD synchronization removed

Email addresses integrated with exchange server

An email address was previously assumed to be in the form username@domainname instead of the correct SMTP value in AD.

Bugfix for escaped characters in Active Directory

Slashes in user names would disrupt the OU synchronization with the AD

Release notes 3.1 only SafeStick

Support for public server with self signed SSL certificate and different URL

Multiple domain support with group names

Support for changing SSL certificate on server

Support for managed service providers

Support for Computers outside domain

Better welcome dialogue for password complexity

Release notes 3.0.0

Password policy complexity requirements

Password recovery with challenge response codes

Zone builder with SSO to SafeStick from trusted user account (login without supplying password)



Instant Web Login, SSO to a web service as a password manager on SafeStick

Publisher, deploy documents or portable applications to SafeStick having them displayed in a menu when the user unlocked SafeStick within the organisation

Timer lock management, set SafeStick to lock automatically when left unattended in a computer after a predefined set of minutes

FlashID, deploy a OTP token from Deepnet to enable two factor authentication from SafeStick

Reset or disable lost SafeStick drives

SafeStick SafeConsole support

Macintosh Support

Release notes

0.97

Native Mac OS X support

Bundled with SafeStick 4.0, supports BM9930

0.96

Native Mac OS X support

Bundled with SafeStick 3.3 and 4.0, supports BM7741



SafeStick Hardware Release Notes

This is not the full hardware release notes with the features listed but an overview to enable users to distinguish between the different hardware types and also to point out any unique behaviours of the hardware.

BM9930

Latest generation with expanded NAND flash support. SafeStick products with BM9930 have separate article numbers (SKU's).

BM9930 is a related controller to BM9931 that has been entered into FIPS140-2 certification. SafeStick drives powered by BM9930 are marked on the USB connector.

BM7741 (two generations)

BM7741 (EasyShare)

(20 digit serial number)

Delivered from April 2009

Features a 16MB hidden area to enable EasyShare.

BM7741

(16 digit serial number)

SafeStick controllers delivered as from 2007.