HP Sure Access Enterprise 8.1 Release 4 (8.1.2.515)

Release Notes v1.1

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Introduction

The Release Notes cover the HP Sure Access Enterprise 8.1 Release 4 (8.1.2.515) product release, and subsequent updates, providing information about new functionality and the requirements for Sure Access Enterprise.

Sure Access Enterprise Requirements

Sure Access Enterprise requires that Sure Click Enterprise is installed in order to function. Sure Access Enterprise uses the HP Wolf Security core virtualization engine from Sure Click Enterprise and so the core requirements are the same.

If Sure Click Enterprise is installed and deployed, skip to Installing Sure Access Enterprise on p9.

Sure Access Enterprise has the following hardware and software requirements for this release:

Hardware or Software	Description
CPU/Bios/Features	Intel Core i5+, 6th generation minimum • VT-x is required and needs to be enabled • Both vPro and non-vPro versions are supported, but vPro is recommended AMD Ryzen 1 (Zen "1") minimum • AMD-v is required and needs to be enabled UEFI firmware required • Secure Boot needs to be enabled with the Microsoft 3rd Party UEFI CA permitted • TCG EFI Protocol and Platform Specification Version 1.2 (minimum) is required TPM 2.0
Memory	Minimum: 8GB RAM, Maximum: 256GB RAM, 16GB RAM Recommended It is recommended that you check the amount of available memory by logging into a device after it has been powered on for a minimum of 30 minutes and before any applications have been launched. As a baseline, HP recommends that a typical endpoint has **at least 4GB of available memory** before installing and enabling isolation on both Windows 10 and 11.
Disk	8 GB free disk space
Operating System	Windows 10 and Windows 11 are supported – please refer to supported Windows versions. Hyper-V is required UEFI boot required

Additional hardware support

Keyboard protection support:

- PS/2

- USB 1.1+ devices connected via xHCI USB controller are supported.

- Bluetooth keyboards are not supported on a per-app basis when Memory Protection is enabled in the app.

Docking station support:

- USB 3+ and Thunderbolt 3+ docking stations are supported (subject to a specific vendor/model/firmware version).

Required Software for Installation

- HP Sure Click Enterprise 4.4

    The current supported versions of Sure Click Enterprise are:

    - Sure Click Enterprise 4.4 r6 (4.4.14.323)

    - Sure Click Enterprise 4.4 r7 (4.4.18.284)

    - Sure Click Enterprise 4.4 r8 (4.4.19.1546)

    Please note that this release of Sure Access Enterprise will not work with any version of Sure Click Enterprise older than 4.4.14.323.

    Please review the corresponding Release Notes for Sure Click Enterprise requirements.

Additional Installation Requirements

HP Sure Access Enterprise installation requires the following:

- Local administrator privileges (if installing on specific machines for evaluation).

- Active Directory administrator privileges (if installing in the enterprise for production use).

- A valid Sure Access Enterprise license, provided by your HP Sales or Customer Support representative.

- Sure Click Enterprise to be installed.

    Note: This is a technical requirement and does not require a valid Sure Click license, only the binary to be installed.

Supported Languages

HP Sure Access Enterprise endpoint software supports the following languages on the specified version of Windows:

Arabic (ar-SA)	Italian (it-IT)
Brazilian Portuguese (pt-BR)	Japanese (ja-JP)
Bulgarian (bg-BG)	Korean (ko-KR)
Chinese Simplified (zh-CN)	Latvian (lv-LV)
Chinese Traditional (zh-TW)	Lithuanian (lt-LT)
Croatian (hr-HR)	Norwegian (nb-NO)
Czech (cs-CZ)	Polish (pl-PL)
Danish (da-DK)	Portuguese (pt-PT)
Dutch (nl-NL)	Romanian (ro-RO)
English US (en-US)	Serbian Latin (sr-Latn-RS)
Estonian (et-EE)	Slovak (sk-SK)
Finnish (fi-FL)	Slovenian (sl-SI)
French (fr-FR)	Spanish (es-ES)
German (de-DE)	Swedish (sv-SE)
Greek (el-GR)	Thai (th-TH)
Hebrew (he-IL)	Turkish (tr-TR)
Hungarian (hu-HU)	Ukrainian (uk-UA)

HP Wolf Security Controller

The addition of Virtual Hardware Version v4.9.0 requires the most recent version of the Controller.

If you are using an On-Prem Controller, ensure you have installed the most recent version (please refer to [Enterprise Customer Portal](#))

Installing Sure Access Enterprise

A valid license for HP Sure Click Enterprise is not required to operate Sure Access Enterprise. If Sure Access Enterprise is leveraging the same Wolf Controller as HP Sure Click Enterprise, both licenses can be applied simultaneously on the same Wolf Controller.

1. Sure Click Enterprise should be deployed in accordance with the Deployment Guide found on the documentation website [Product Documentation.](#)
2. The Sure Access Enterprise MSI can be deployed with the Sure Click MSI using SCCM or can be installed after. The Sure Access Enterprise MSI can be deployed in the following ways:
    a. Using the "Remote Install" remote command from the controller to push the MSI to the targeted endpoints.
    b. Installing the MSI manually on supported endpoints.
    c. Installing the MSI via SCCM or other Microsoft supported delivery mechanism to deploy MSI files to endpoints in your organization.
3. Once endpoint software is deployed and connected to the controller, make sure the HP Wolf Security Controller has been configured to support the Sure Access Enterprise product release. If you do not see the "Sure Access Enterprise" navigation item on the Controller menu, please contact your HP Technical account team or customer support for assistance.

Initial configuration

To use Sure Access Enterprise, the virtualization engine must be initialized correctly depending on use. There are two built-in polices on the controller to help with this step.

If you are using Sure Access Enterprise combined with Sure Click Enterprise malware isolation product, then you should only use the "Sure Access Enterprise" built in policy on top of your existing Sure Click policies for the endpoints using both products. This will allow both Sure Click and Sure Access Enterprise to function together.

If you are using Sure Access Enterprise without using Sure Click functionality, then you should apply the "Sure Access Enterprise (standalone)" policy to the built in "All Devices" group. This will ensure the virtualization environment is configured correctly for Sure Access Enterprise use.

If you are unsure about any of the built-in policies, please contact your HP Enterprise account team or Customer Support team for assistance.

HP Sure Access Enterprise 8.1 Release 4 Updates

This release fixes a number of customer defects only – see table for details.

Microsoft Windows Operating System Support

HP regularly updates which operating system versions are supported based on the latest information from Microsoft: https://docs.microsoft.com/en-gb/windows/release-information/ . Removal of support for an operating system will be documented in Release Notes at least one (1) release/version prior to the removal.

The overall HP Sure Click Enterprise Windows support policy can be found online at: https://enterprisesecurity.hp.com/s/article/Windows-Support-Policy

Windows 11

- o Windows 11 Version 24H2 – OS Build 26000
    - o Windows 11 Version 23H2 – OS Build 22631
    - o Windows 11 Version 22H2 – OS Build 22621

Windows 10

- o Windows 10 Version 22H2 – OS Build 19045
- o Windows 10 Version 21H2 – OS Build 19044

Note that customers should consider the Windows end of life dates, for example Windows 10 will achieve EOL in October 2025.

HP Sure Access Enterprise Life (EOL) Dates

Full Product Support and End of Life Policy (EOL):

https://enterprisesecurity.hp.com/s/article/Product-Support-and-End-of-Life-Policy-EOL

Deprecated Features and Platforms

As HP deprecates older platforms and features from the latest versions of HP Sure Access Enterprise. Customers should read the KB article that explains the platforms and features being deprecated and the timeframes/versions in scope.

The latest information regarding deprecated features and platforms:

https://enterprisesecurity.hp.com/s/article/Deprecated-Features

The following features are no longer supported, and have been removed in Sure Access Enterprise 8.1 Release 3 after being announced deprecated in the 4.4 Release 2 Release notes:

- Operating System Support
    - Windows 10 Version 20H2 – OS Build 19042
    - Windows 11 Version 21H2 – OS Build 22000

Future deprecation announcements

Features and support that will be deprecated and removed in a future version of Sure Access Enterprise:

- Microsoft SQL Server (Applies to on-prem HP Security Controller only)
    - SQL Server 2014   Removal from product in December 2024
    - SQL Server 2016   Removal from product in December 2026
    - SQL Server 2017   Removal from product in April 2028
    - SQL Server 2019   Removal from product in July 2030
    - SQL Server 2022   Removal from product in July 2033
- Operating Systems (Generally removed 6 months after Microsoft makes them End of Life)
    - Windows 10 Version 22H2 – OS Build 19045   Removal from product in April 2026

Changes at HP Sure Access Enterprise 8.1 Release 4

The following changes are made at this release:

Ref	Type	Description
82999	Customer Fix	Fixed issue so that PVM does not stop unexpectedly after host window switching.
84421	Customer Fix	Fixed issue so that the "Auto Enable Sure View" setting now persists correctly.
85091	Customer Fix	Fixed issue with certification based auth in the MS RDP app.
85508	Customer Fix	Fixed issue with mouse behavior in a Citrix session.

The following are SAE-specific changes to the Controller.

Ref	Type	Description
82662	Update	HP Sure Access Enterprise now requires .NET 4.7.2, which is shipped with all HP Sure Access Enterprise-supported versions of Windows 10.
84736	Customer Fix	All SAE sessions displayed on device details page.
84984	New Feature	Fixed filtering of SAE sessions in the device details page, and access to the tabs on that page.
85945	Security Updates	Updated various third-party components to mitigate known vulnerabilities: • CVE-2024-2511 • ALAS-2024-2512 • ALAS-2024-2519 • GHSA-2m57-hf25-phgg • GHSA-v5h6-c2hv-hv3r • GHSA-w3h3-4rj7-4ph4

Changes at HP Sure Access Enterprise 8.1 Release 3

The following changes are made at this release:

Ref	Type	Description
74121	Customer Fix	Fixed minor GUI issue with the alignment of the Protected App border.
80709	Customer Fix	Fixed issue establishing Web Portal RDP connections over NetScaler.
81757	Bug	Fixed issue with support for tpm2-pkcs11 environment variables.
82121	Customer Fix	Increased the FreeRDP session establishment timeout.
82136	Customer Fix	Fixed issue preventing the installation of an SCEP cert from the CA.
83349	Bug	Fixed issue to prevent infinitely-respawning processes.

The following are SAE-specific changes to the Controller.

Ref	Type	Description
64281	Feature	Added tabs with SAE applications and sessions to the device details on the Controller.
68685	UI Update	Added the signing certificate used for each protected app to the "App Definitions" table. This can be used for filtering.
78474	UI Update	Added access to browser URI "allow list" to the Protected App editor. PREVIEW FEATURE.
79462	Fix	Fixed a page load error for Sure Access Enterprise sessions from virtual hardware versions prior to 3.4.0.
81545	UI Update	Sure Access Enterprise now shows when the Device Group is active or not. This is done in the App Definitions list.
81738	UI Update	Restricted enrollment for SAE apps with the "host rdp app" type. Enrollment can no longer be configured in the UI and is set to "none", as enrollment is not supported for this type.
82063	Security Update	Updated various third-party components to mitigate known vulnerabilities: • ALAS2-2023-2312 • ALASSELINUX-NG-2023-001 • CVE-2023-44487 • ALAS-2023-2271 • ALAS-2023-2280
82749	Updated UI	Hypervisor Types on the Controller now includes "AX for SAE".
84382	Feature Update	Updated PC over IP (PCoIP) app support. It is now possible to configure whether to distrust default CAs for the SSO login page for PCoIP apps. PREVIEW FEATURE.

Getting Help

If you have questions that are not covered in the documentation, please contact HP Support:

- Visit https://enterprisesecurity.hp.com
  If you need an account, please contact your Account Executive or Customer Support.

- Email questions to: enterprise.support@hpwolf.com.

- Call HP Enterprise Security Customer Support at 1-800-518-0845 (USA).

- Call your technical account representative directly.

Document History

1.0	First released version.
1.1	Updated following release of SCE 4.4 r8