

Subject: SentrySuite™ – Windows® 10 Security Update Compatibility

Date: 2022-06-28 (last update)

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Background

Microsoft® is identifying Operating System (OS) and native Microsoft application-level vulnerabilities which impact the Windows 10 OS which is part of the environment in which Vyaire Medical's SentrySuite™ software runs.

While these vulnerabilities do not impact SentrySuite software directly, changes made by Microsoft to remediate these issues may cause compatibility issues with SentrySuite.

How Microsoft Is Responding

Microsoft regularly publishes new builds for its Windows 10 OS, called Quality Updates. The Quality Updates may contain important security patches for vulnerabilities in the Windows 10 OS. An overview of Windows 10 Quality Updates may be found here: [Windows 10 update history](#).

How Vyaire Is Responding

Vyaire's SentrySuite software has been validated for use with current Microsoft Windows 10 versions **21H1** and **21H2**.

As Microsoft releases new Quality Updates for Windows 10 21H1 and 21H2, each version of SentrySuite compatible with Windows 10 which is not considered End-Of-Life is tested for compatibility with those new updates.

Each Quality Update contains the cumulative changes of all previously released updates. Testing of Quality Updates which are not security related may be delayed.

This document will be regularly updated to reflect the outcome of Vyaire's compatibility tests and therefore provide a guideline which patches may be installed without compromising SentrySuite operation.

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Compatibility test results

| Release date | Windows 10 build | Relevant Microsoft KB | Security updates in build | SentrySuite compatibility | Notes |
|------------------------------|---|---------------------------|---------------------------|---|---------|
| 10-MAY-2022 | 21H2: 19044.1706 21H1: 19043.1706 | KB5013942 | Yes | 3.20.2 ✓ 3.10.7 ✓ 3.0.10 ✓ | |
| 08-MAR-2022 | 21H1: 19043.1586 20H2: 19042.1586 | KB5011487 | Yes | 3.20.3 ✓ 3.10.6 ✓ 3.0.9 ✓ | See (7) |
| 08-FEB-2022 | 21H1: 19043.1526 20H2: 19042.1526 | KB5010342 | Yes | 3.20.2 ✓ 3.10.6 ✓ 3.0.9 ✓ | |
| 11-JAN-2022 | 21H1: 19043.1466 20H2: 19042.1466 | KB5009543 | Yes | 3.20.2 ✓ 3.10.6 ✓ 3.0.9 ✓ | |
| 14-DEC-2021 | 21H1: 19043.1415 20H2: 19042.1415 20H1: 19041.1415 | KB5008212 | Yes | 3.20.2 ✓ 3.10.6 ✓ 3.0.9 ✓ | See (6) |
| 09-NOV-2021 | 20H2: 19042.1348 20H1: 19041.1348 | KB5007186 | Yes | 3.20.2 ✓ 3.10.6 ✓ 3.0.9 ✓ | |
| 12-OCT-2021 | 20H2: 19042.1288 20H1: 19041.1288 (see Notes) | KB5006670 | Yes | 3.20.2 ✓ 3.10.6 ✓ 3.0.9 ✓ | See (5) |
| 14-SEP-2021 | 20H2: 19042.1237 20H1: 19041.1237 | KB5005565 | Yes | 3.20.2 ✓ 3.10.6 ✓ 3.0.9 ✓ | |
| 10-AUG-2021 | 20H2: 19042.1165 20H1: 19041.1165 | KB5005033 | Yes | 3.20.2 ✓ 3.10.6 ✓ 3.0.9 ✓ | |
| 13-JUL-2021 | 20H2: 19042.1110 20H1: 19041.1110 | KB5004237 | Yes | 3.20.1 ✓ 3.10.5 ✓ 3.0.8 ✓ | |
| 06-JUL-2021 (out of band) | 20H2: 19042.1083 20H1: 19041.1083 | KB5004945 | Yes | 3.20.1 ✓ 3.10.5 ✓ 3.0.8 ✓ | |
| 08-JUN-2021 | 20H2: 19042.1052 20H1: 19041.1052 | KB5003637 | Yes | 3.20.1 ✓ 3.10.5 ✓ 3.0.8 ✓ | |

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|----------------------------|---|---|---------------------------|---|---------|
| 11-MAY-2021 | 20H2: 19042.985 20H1: 19041.985 | KB5003173 | Yes | 3.20.1 ✓ 3.10.5 ✓ 3.0.8 ✓ | |
| 13-APR-2021 | 20H2: 19042.928 20H1: 19041.928 1909: 18363.1500 | KB5001330 KB5001330 KB5001337 | Yes | 3.20.1 ✓ 3.10.4 ✓ 3.0.7 ✓ | See (4) |
| 09-MAR-2021 | 20H1: 19041.867 1909: 18363.1440 | KB5000802 KB5000808 | Yes | 3.20 ✓ 3.10.4 ✓ 3.0.7 ✓ | |
| 09-FEB-2021 11-FEB-2021 | 20H1: 19041.804 1909: 18363.1379 | KB4601319 KB5001028 | Yes | 3.20 ✓ 3.10.3 ✓ 3.0.6 ✓ 2.21.6 ✓ | |
| 08-DEC-2020 | 1909: 18363.1256 1903: 18362.125 | KB4592449 | Yes | 3.10.3 ✓ 3.0.6 ✓ 2.21.6 ✓ | See (3) |
| 13-OCT-2020 | 1909: 18363.1139 1903: 18362.1139 | KB4577671 | Yes | 3.10.3 ✓ 3.0.6 ✓ 2.21.6 ✓ | |
| 16-SEP-2020 | 1909: 18363.1110 1903: 18362.1110 | KB4577062 | No | 3.10.3 ✓ 3.0.6 ✓ 2.21.6 ✓ | |
| 08-SEP-2020 | 1909: 18363.1082 1903: 18362.1082 | KB4574727 | Yes | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |
| 20-AUG-2020 | 1909: 18363.1049 1903: 18362.1049 | KB4566116 | No | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |
| 11-AUG-2020 | 1909: 18363.1016 1903: 18362.1016 | KB4565351 | Yes | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |
| 21-JUL-2020 | 1909: 18363.997 1903: 18362.997 | KB4559004 | No | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |
| 14-JUL-2020 | 1909: 18363.959 1903: 18362.959 | KB4565483 | Yes | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |

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|--------------|--|---------------------------|--|--|---------|
| 16-JUN-2020 | 1909: 18363.904 1903: 18362.904 | KB4567512 | No | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |
| 09-JUN-2020 | 1909: 18363.900 1903: 18362.900 | KB4560960 | Yes, see Microsoft Security Update Guide | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | See (2) |
| 12-MAY-2020 | 1909: 18363.836 1903: 18362.836 | KB4556799 | Yes, see Microsoft Security Update Guide | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |
| 21-APR-2020 | 1903: 18362.815 | KB4550945 | No | 3.10.2 ✓ 3.0.5 ✓ 2.21.6 ✓ | |
| 14-APR-2020 | 1903: 18362.778 | KB4549951 | Yes, see Microsoft Security Update Guide | 3.10.2 ✓ 3.0.5 ✓ 2.21.5 ✓ | |
| 30-MAR-2020 | 1903: 18362.753 | KB4554364 | No | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | |
| 24-MAR-2020 | 1903: 18362.752 | KB4551762 | No | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | |
| 12-MAR-2020 | 1903: 18362.720 | KB4551762 | Yes, see Microsoft Security Update Guide | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | See (1) |
| 10-MAR-2020 | 1903: 18362.719 | KB4540673 | Yes, see Microsoft Security Update Guide | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | |
| 27-FEB-2020 | 1903: 18362.693 | KB4535996 | No | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | |
| 11-FEB-2020 | 1903: 18362.657 | KB4532693 | Yes, see Microsoft Security Update Guide | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | |

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|--------------|------------------|---------------------------|--|---------------------------------|-------|
| 28-JAN-2020 | 1903:18362.628 | KB4532695 | No | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | |
| 14-JAN-2020 | 1903:18362.592 | KB4528760 | Yes, see Microsoft Security Update Guide | 3.10.1 ✓ 3.0.4 ✓ 2.21.5 ✓ | |

Vyairé recommends installing any relevant security updates that have been tested as compatible per the compatibility test results table above.

Compatibility test notes

- (1) Microsoft OneNote update is installed with this build and sets the default printer to OneNote. Default printer needs to be manually changed back to previously selected default printer. This does not affect SentrySuite.
- (2) Microsoft introduced an issue in this build which may cause issues with printing to a physical or virtual printer. Vyairé does not recommend installing this build but instead to install build 904, released by Microsoft on 16-JUN-2020 which mitigates this issue.
- (3) This will be the last Windows update released by Microsoft for Windows 10 1903. Windows 10 1903 has reached “End of Life” (EOL) status as of 08-DEC-2020.
- (4) This will be the last Windows update released by Microsoft for Windows 10 1909. Windows 10 1909 has reached “End of Life” (EOL) status as of 11-MAY-2021.
- (5) Windows 10 20H1 Build 19041.1288 has not been tested individually. 20H1 Build 19041.1348 (9-NOV-2021) includes all changes from Build 19041.1288 and has been tested as compatible.
- (6) This will be the last Windows update released by Microsoft for Windows 10 20H1. Windows 10 20H1 has reached “End of Life” (EOL) status as of 14-DEC-2021.
- (7) This will be the last Windows update released by Microsoft for Windows 10 20H2. Windows 10 20H2 has reached “End of Life” (EOL) status as of 10-MAY-2022.

SentrySuite and Windows 10 compatibility testing plan

All Windows 10 versions released by Microsoft have a defined “End of Life” (EOL) date after which Microsoft won’t release any more quality or security updates for the version. For details and EOL dates, please see Microsoft’s [Windows 10 release information website](#) and the [Windows Lifecycle FAQ](#).

The following table explains which SentrySuite version is tested against which Windows 10 feature version:

| Windows 10 Version | Windows 10 EOL date | Compatibility test status | SentrySuite Version | | | |
|---------------------------|---------------------|------------------------------|---------------------|------|----------------|-------------------|
| | | | 3.20 | 3.10 | 3.0 | 2.21 ¹ |
| 21 H2 | 13-JUN-2023 | Tests ongoing | x | x | x ³ | |
| 21 H1 | 13-DEC-2022 | Tests ongoing | x | x | x | |
| 20 H2 ² | 10-MAY-2022 | Tests stopped 10-MAY-2022 | x | x | x | |
| 2004 (20 H1) ² | 14-DEC-2021 | Tests stopped 14-DEC-2021 | x | x | x | x |
| 1909 (19 H2) ² | 11-MAY-2021 | Tests stopped 13-APR-2021 | x | x | x | x |
| 1903 (19 H1) ² | 08-DEC-2020 | Tests stopped 08-DEC-2020 | -- | x | x | x |
| 1809 ³ | 10-NOV-2020 | Tests stopped | -- | -- | x | x |
| 1803 ³ | 12-NOV-2019 | Tests stopped | -- | -- | x | x |

¹ SentrySuite 2.21 is out of support. Tests have been stopped.

² Tests for Windows 10 security updates have been stopped since these Windows 10 versions have reached their EOL date and are not supported by Microsoft anymore.

³ SentrySuite 3.0 will become EOL with the release of SentrySuite 3.30. Tests will be stopped for 3.0 once it is EOL.

Vyairé does not recommend using Windows 10 versions which have been marked as EOL by Microsoft.

These Windows 10 versions will not receive regular quality and security updates by Microsoft anymore and may be vulnerable to threats that emerged after the EOL date.

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Generic controls

- Ensure your data has been backed up and stored according to your individual process and that your disaster recovery procedures are in place.
- Update your anti-virus and malware protection, where available.

For product or site-specific concerns, contact your Vyairé service representative.

For more information on Vyairé's proactive approach to product security and vulnerability management, contact us at productsecurity@vyaire.com or visit www.vyaire.com/product-security

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