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SentrySuite: Windows 10 Security Update Compatibility

Date: 2021-03-23 (last update)

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 Microsoft Windows 10 versions **1909** and **20H1 (2004)**.

As Microsoft releases new Quality Updates for Windows 10 1909 and 20H1, 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 maybe 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
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** ✔	

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11-FEB-2020	1903:18362.657	KB4532693	Yes, see Microsoft Security Update Guide	3.10.1 ✔ 3.0.4 ✔ 2.21.5 ✔	
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 ✔	

Vyaire 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. Vyaire 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

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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
1803	12-NOV-2019	Tests stopped	--	--	x	x
1809	10-NOV-2020	Tests stopped	--	--	x	x
1903 (19 H1)	08-DEC-2020	Tests stopped 08-DEC-2020	--	x	x	x
1909 (19 H2)	11-MAY-2021	Tests ongoing	x^1	x	x	x^2
2004 (20 H1)	14-DEC-2021	Planned start Q2/2021	x	x	x	x^2
20 H2	10-MAY-2022	On roadmap	x	x	x	
21 H1	not yet released	On roadmap	x	x	x	
21 H2	not yet released	On roadmap	x	x		

[1]Tests for Windows 10 1909 and SentrySuite 3.20 will commence once SentrySuite 3.20 has been released by Vyaire.
[2] Tests for SentrySuite 2.21 will be stopped after end of March 2021.

Vyaire 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 any may be vulnerable to threats that emerged after the EOL date.

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 Vyaire service representative.

For more information on Vyaire'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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