

Therwil, February 2023

**Subject: Overview of the new main features & modifications within V-STATS 5.02
(including V-CareNeT Package)**

Dear V-STATS User,

In this document, Sentec would like to present an overview of the new main features and modifications of V-STATS 5.02 (see page 2).

You may also refer to descriptions of the main features and modifications of previous V-STATS versions:

- V-STATS 5.01.1, released in November 2021, is provided on page 3,
- V-STATS 5.01, released in June 2021, is provided on page 4,
- V-STATS 5.00, released in February 2020, on page 5,

Should you have any questions related to V-STATS, do not hesitate to contact the V-STATS Hotline (+49 747193740) or info@sentec.com.

Best Regards,

Your V-STATS support team

Main new features & modifications within V-STATS 5.02

A) General modifications

- Implementation of customer requests for improved usability:
 - Analysis Criteria Profile allows statistical evaluation of tcPCO₂ and SpO₂ events over a selectable duration, rather than a fixed duration (of 5 min) with older versions of V-STATS
 - Full page display of trend graph in V-STATS analysis report
 - Window “Communication with Sentec Device” closes after completion of trend data download
- Parameter membrane change interval selectable at a maximum value of 31 days, matching the software changes made in the SMB V08.04 release
- Introduction of a V-STATS error log for improved error identification and customer support
- Users will be alerted when the site time or temperature is set outside Sentec’s recommendations to ensure safe monitoring settings are chosen. The warning also appears for selected preconfigured Standard profiles (SLEEP, HOME, V-CHECK)
- Bug fixes

B) Modifications related to system requirements for installing V-STATS 5.02

- Compatibility with Microsoft Windows 7 (32 and 64 bits) – Microsoft Windows 11 (32 and 64 bits)
- Compatibility with the following software versions of the Sentec Digital Monitor: SMB-SW V08.00.x, V08.01.x, V08.02.x, V08.03.x, V08.04.x and V08.05.x.
- Update to V-STATS 5.02 is only supported if the installed V-STATS license is registered with version 4.01 or newer.

Main new features & modifications within V-STATS 5.01.1

A) General modifications

- Update of Product Information window
- Improved robustness of memory dump download function
- Correction of export function for list of events

B) Modifications related to system requirements for installing V-STATS 5.01.1

- V-STATS 5.01.1 is compatible with the following software versions of the Sentec Digital Monitor: SMB-SW V08.00.x, V08.01.x and V08.02.x, V08.03.x and V08.04.x.
- Update to V-STATS 5.01.1 is only supported if the installed V-STATS license is registered and covers version 4.01 or newer.

Main new features & modifications within V-STATS 5.01

A) General modifications

- Improved display of V-STATS software on high resolution screens
- Additional options to define default storage folders for data export in V-STATS settings

B) Modifications related to system requirements for installing V-STATS 5.01

- V-STATS 5.01 is compatible with the following software versions of the Sentec Digital Monitor: SMB-SW V08.00.x, V08.01.x and V08.02.x, V08.03.x.
- Update to V-STATS 5.01 is only supported if the installed V-STATS license is registered and covers version 4.01 or newer.

Main new features & modifications within V-STATS 5.00

A) Modifications related to installing/updating V-STATS, encryption handling and implementation of new languages

- Selection between 'Standard Installation' or 'Installation for Advanced Data Protection' during Installation / Update of V-STATS 5.00

V-STATS/V-CareNeT Installation and functionality	Standard Installation	Installation for Advanced Data Protection
Additional features to support fulfilment of GDPR (General Data Protection Regulation) requirements	- (as in V-STATS 4.01 and previous versions)	✓ (as in V-STATS 4.10)
Login Password	-	✓
Admin Password allows access to: <ul style="list-style-type: none"> • V-STATS Settings • SDM Profiles • SDM Configuration Special Functions	✓	✓
Encryption of patient data	-	✓
Handling of encryption keys	- (Encrypted patient data from V-STATS 4.10 or foreign encrypted patient data can be decrypted)	✓
Restoring forgotten passwords	✓	-

- V-STATS 5.00 is aligned with the restrictions of combinations of temperature and site time which have been implemented in the SMB SW-V08.03 release:
 - Display of warning when the temperature or the site time is set above the values recommended by Sentec
 - Initial Heating is restricted to adult patient mode.
- V-STATS 5.00 provides Polish and Portuguese as new languages.

B) Modifications related to system requirements for installing V-STATS 5.00

- V-STATS 5.00 is compatible with the following software versions of the Sentec Digital Monitor: SMB-SW V08.00.x, V08.01.x and V08.02.x, V08.03.x.
- Update to V-STATS 5.00 is only supported if the installed V-STATS license is registered and covers version 4.01 or newer.