

Visensia 4.2 External Release Notes

Introduction

This document contains the release notes for Visensia.

This is a release with some enhancements and bug fixes. The following sections describe the release in detail and provide late breaking or other information that supplements the main documentation. Users of previous releases are encouraged to upgrade.

Current Release Information: v4.2.3.71

Resolved Defects' Description (issue number)

- **Can't delete a configured HL7 output (3098)**
In this version, the system has been updated to allow an Admin User to edit or delete a configured HL7 Output as required.
- **Manual Transfer Functionality not working (3091)**
In this version, the system has been updated to allow a configured Clinical User to manually Admit, Transfer and Discharge a patient as required.
- **Latched Alerts - Background colour needs to be red (3090)**
In this version, the system has been updated to display Latched Alerts using a solid red background, clearly differentiating a Latched Alert from an active alert state.
- **HL7 output is sent with the wrong timestamp (3089)**
In this version, the system has been updated to ensure timestamps included within HL7 Output messages are correctly formatted and available for use by connected third-party systems
- **Incorrect colour for vital signs in some instances (3086)**
In this version, the system has been updated to ensure the Vital Sign colour configured is consistent across Patient Tiles, DrillDown and Trend Graphs.
- **Drill Down Dashboard (3083)**
In this version, the system has been updated to improve the display and organisation of Patient Tiles, maximising the number of patients visible within the Clinical Dashboard.
- **SpO2 Text in Drill Down Vitals Section has white outline applied which makes it difficult to read (3075)**
In this version, the system has been updated to improve the readability of the SpO₂ Vital Sign display across all supported languages.

- **Mobile - VSI trend graph timestamp format (3072)**

In this version, the system has been updated to ensure timestamp formats are consistent across the Clinical Dashboard and Mobile Application

- **DOB rejection not working for patients younger than 18 years (3071)**

In this version, the system has been updated to validate the Date of Birth (DOB) for manually admitted patients, helping ensure the system is used in accordance with its intended adult patient population.

- **Email address says it requires validation (when it doesn't) when using LDAP (3067)**

In this version, the system has been updated so that an email address is no longer required when creating a User Account configured for LDAP authentication.

- **Historic Data Displayed for a New Admission (3082)**

In this version, the system has been updated to ensure patient trends and associated historical information are displayed correctly following a new admission.

New Features / Changes Description (issue number)

- **Translate Clinical Dashboard into Traditional Chinese (3043)**

In this version, the system has been updated to include validated Traditional Chinese translations for the Clinical Dashboard. Admin Users can now configure Traditional Chinese as the preferred language for Users and User Groups as required.

- **Additional HL7 Alert States (3028)**

In this version, the system has been updated to include additional Visensia Alert states within the HL7 Output, improving integration with third-party systems and Electronic Medical Records (EMRs).

- **Display Current Date and Time in Clinical Dashboard (3011)**

In this version, the system has been updated to display the current date and time within the Clinical Dashboard, helping Clinical Users compare current system time with the timestamps of the latest vital signs and VSI calculations received.

- **Alert Sounds - Configurable via Manage Hospital (3096)**

In this version, the system has been updated to allow an Admin User to configure which Alert Sound is used for the two options available for either an Visensia Alert or Vital Alert.

- **Allow users to configure the display name for the various VSI Risk Thresholds (3068)**

In this version, the system has been updated to allow an Admin User to configure the display name of enabled VSI Risk Thresholds to align with local clinical workflows and terminology.

Previous Release Information: v4.2.1.50

Resolved Defects' Description (issue number)

- **Daylight savings (clock changes) and trend graphs** (2530)

In this version, the system has been updated to reflect the current date / time when clocks change as a result of daylight savings measures.

New Features / Changes Description (issue number)

- **Add support for Firebase / Notifications** (2728)

In this version, the system has been updated to support the transmission of event notifications to a configured output. i.e. Mobile Phone. This is to extend the receipt of VSI Alerts and other events to Clinical Users who don't have access to a workstation as part of their daily workflow. i.e., Rapid Response who are not based at one nurse central station.

- **Translate Clinical Dashboard into Dutch** (2539)

In this version, the system has been updated to include validated translations of the Clinical Dashboard fields / forms / tool tips and associated text into Dutch. Admins can now configure a User's Language as either English or Dutch for the Clinical Dashboard.

- **Option to display Supplementary Oxygen** (2536)

In this version, the system has been updated to support the manual input and display of Supplementary Oxygen (Supp O2) to help clinicians when reviewing the SpO2 (Oxygen Saturation) as output by the primary monitoring device and overall effect on the patient's risk of deterioration.

- **Encrypt PHI in the database** (2528)

In this version, the system has been updated to encrypt all PHI fields at rest within the database. This is in addition to the database being secured itself to enhance cybersecurity.

- **Add Statistics for Visensia (VSI Calculations)** (2527)

In this version, the system has been updated to include statistics on the retrospectively calculated Visensia Index. The statistics options available include the Median, Maximum and Minimum values for the VSI for a configurable period. i.e. 1 hour.

- **Add option to display attached PDF Reports** (2503)

In this version, the system has been updated to support the attachment of PDF Reports from configured inputs. The PDF Reports are then displayed within a Reports Tab that can be configured on / off as required by the Hospital.

- **Add support for the @Protocol** (2484)

In this version, the system has been updated to add support for the @Protocol as a transport for HL7 to allow encrypted end to end communication. End to end meaning data

sent by client A for client B can only be read by client B. Unlike say SSL where only the transport layer is encrypted.

- **Add option to display Gender next to Patient Name** (2468)

In this version, the system has been updated to include the option to display the patient's gender [M] [F] next to the Patient name, from details received via the configured input or when manually updated by the Clinical Dashboard viewer via the Manage Patient Tab.

- **Add Vital Alerts to Clinical Dashboard** (2446)

In this version, the system has been updated to include the option to activate Vital Alerts as both a visual and audible indication a defined threshold has been breached. So like Visensia Alerts, the Vital Alerts when activated will flash red and an audible sound will be generated, drawing attention to clinical users to review the vital alert and respond as protocolised.

- **Add My List to the Unit Selector** (2412)

In this version, the system has been updated to include My List within the Unit Selector. This allows Clinical Dashboard Users to easily review their favourite (starred patients) within the My List at the same time as having oversight of all monitored patients and units assigned to the User.

- **Add Unit Selector to Clinical Dashboard** (2387)

In this version, the system has been updated to include an overview of all monitored Units and the number of patients admitted to each unit, along with the number of active and silenced VSI Alerts. This overview is known as the Unit Selector.

- **Add option to display Age next to Patient Name** (1870)

In this version, the system has been updated to include the option to display the patients age next to the Patient name, from the Date Of Birth (DOB) details received via the configured input or when manually updated by the Clinical Dashboard viewer via the Manage Patient Tab.

- **Display the Contributions Chart and Anomaly Chart side by side** (1770)

In this version, the system has been updated to include both the Contributions Chart and Anomaly Chart within the VSI Section of the Drill Down Tab to be used as required when reviewing a patients VSI and its relationship to the associated vital signs.

- **Update the URL link for the Visensia License Agreement** (1659)

In this version, the system has been updated to direct a user – selecting the associated URL to a web page that contains both the latest and previous versions of the Visensia License Agreement.

Previous Release Information: v4.1.2.0017

Resolved Defects' Description (issue number)

- **Daylight savings (clock changes) and trend graphs** (2530)

In this version, the system has been updated to manage the change in clocks as a result of daylight savings to correctly display trend data.

Previous Release Information: v4.1.2.0016

New Features / Changes Description (issue number)

- **The option to ignore HL7 inputs for patients without a matching preconfigured Point of Care (POC) or BED ID** (2487)

In this release, Visensia can now be configured to ignore HL7 inputs for patients without a matching preconfigured Point of Care (POC) or BED ID. Previously all patients within a configured HL7 input feed would automatically be assigned and displayed within a catch all care unit called "Unknown", which is visible to enabled Clinical Dashboard Users. This feature helps enhance the systems performance and storage capabilities.

Resolved Defects' Description (issue number)

- **Trend Graphs not reflecting the systems configured time zone** (2510)

In this version, the Trend Graphs for the VSI and Vital Signs monitored, now reflect the configured time zone for the logged in User and their associated client machine.

- **Graph legends not displaying correct number format for Locale** (2485)

In this version, the Visensia has been updated to display the number format for Graph Legends according to configured Locale for Users and User Groups.

- **The ability for Users to reset their password using registered email** (2491) (2490) (2489)

In this release, Users can now reset their password using the registered email address for the User Account. This functionality is only applicable to installations using Visensia to manage User Accounts and not using an Active Directory system.

- **System updated to handle non-ASCII characters when Authenticating** (2481)

In this release, Visensia has been updated to handle non-ASCII characters for User Authentication as would be expected in Countries and Regions using these characters on day-to-day basis.

- **BP Mean Arterial Pressure (MAP) Upper / Lower thresholds settings** (2480)

In this release, the formula to automatically derive a Care Units Upper and Lower default threshold settings for Blood Pressure – Mean Arterial Pressure (MAP) has been updated.