

General Notes

The Errata provides additional information about viewLinc 5.1 product functionality. For current system specifications, see *Vaisala viewLinc 5.1 Datasheet B211832*.

Upgrade Notes



CAUTION! Always back up application data before upgrading.

- viewLinc uses a certificate and security key to establish a secure connection between network PCs and the viewLinc Enterprise Server. Vaisala recommends using a trusted certificate, either from your company's domain certificate authority or a 3rd party. If your system uses a self-signed security certificate you may see a certificate error. To prevent a certificate error message from appearing, set each user's browser to trust the certificate. Replacing the self-signed certificate with a trusted certificate automatically prevents certificate errors from appearing.
- To ensure data timestamp accuracy, verify that the viewLinc Enterprise Server time is set accurately before installing the viewLinc software.
- If communication is interrupted during an upgrade, restart the Enterprise Server (ES) machine after all device hosts are upgraded. If communication does not resume after ES restart, manually enter the ES IP address in the "server_name" entry in the [remote_host] section of the device host config file (Public Documents\Vaisala\Vaisala viewLinc\config\viewLinc.cfg), then restart the viewLinc Device Host Service.
- Views created in earlier versions are visible to all users on upgrade.
- If you used SetPoeRelay batch files to initiate commands in viewLinc 4.3.x or earlier, copy the batch file to the new installation directory path (C:\Program Files\Vaisala\Vaisala viewLinc\...) and update the path inside the batch file to reflect the new path. Update all command notification templates that reference the batch file location.
- For a complete list of all feature changes, see *viewLinc User Guide*, "What's New for Upgrade Users".

System

- Twilio voice or SMS web services require that TCP traffic be allowed to access viewLinc Enterprise Server (via incoming TCP port 12500).
- Events triggered by changes to the Windows OS clock cannot be disabled.
- Attachments sent by email may arrive as .dat files, depending on the email server type. To open a .dat file, first save the file as .pdf.
- Custom email/SMS messages created in a specific language are only available to users with the same language preference set in their user profile.
- Alarm and notification delays are limited to 23 hours and 59 minutes.
- Duplicate "viewLinc Restarted" email and SMS notifications are received when services are restarted from within viewLinc.
- Alarms that commence while a user is already logged in do not trigger an audible alarm sound.



- Security certificates:
 - If the Vaisala OPC UA server finds an invalid CA, it terminates. This issue is caused by multiple certificates being installed in the Trusted Roots.
 - Vaisala OPC UA Server needs the viewLinc certificate installed in the localMachine store, NOT the current user.

Data Loggers

- During a data logger swap, device alarm settings are automatically copied to the new data logger.
- When swapping data loggers, it is important to allow the new data logger to come to equilibrium before placing it on the port to ensure that data recorded from outside of the environment is not included on reports.
- To prevent Location threshold alarming after a swap, either clear the data logger before swapping it back into viewLinc, or wait for the automatic backfill to complete (wait 5-10mins for DL data loggers; force 4 beacons for HMT140; wait up to 12+hours for RFLs) before linking the channel to the Location.
- RFL Data Loggers:
 - When swapping a probe on an RFL connected to viewLinc, make sure the new probe has the same number of channels, channel types.
 - Before a probe swap, make sure viewLinc is communicating with the RFL data logger and all backfills are complete (do not power off the RFL).
 - Changing a single-probe RFL data logger to dual-probe (T/RH to T+T): To avoid new probe data being applied to an incorrect Location, first unlink both of the temperature and RH channels from their linked Locations, then remove the probes. Connect the new temperature only probe(s) following the instructions provided with the probe, and then link them to the correct Location(s).
- DL Data Loggers:
 - Before removing a probe on a DL data logger, deactivate the data logger to prevent a configuration alarm.
- HMT140 Series Data Loggers:
 - If you use NIC-teaming redundancy products, HMT140 data loggers require a dedicated Network Interface Card (NIC) and IP address to avoid communication interruptions.

300-Series Transmitters

- The Firmware version must be 5.04 or later.
- Upgrade to Firmware version 5.10 where it is possible (please contact Vaisala Technical Support if you require assistance).
- 300-series transmitters without LOGGER-1 modules do not support the historical data backup retrieval and data restoration process.
- If 300-series transmitters are configured with timeouts greater than the viewLinc scan period, brief configuration alarms may occur.

Reports

- Manually generated and scheduled reports are processed in a queue displayed in the Reports Progress window, in the Progress column. Since non-admin users can only see the progress of their own reports, the Progress column may update periodically to indicate a change in the queue sequence of the report, in relation to all other reports in the queue. This could be a significant period of time depending on the size and quantity of reports already in the queue.
- To resolve issues exporting to Excel, remove double quotes (") entered in a device's Unit field (use device-specific software to modify the Unit field).
- When downloading reports using an IE browser, non-ascii filenames may not display correctly.
- System report has no default content. The report cannot be saved until some content is selected.
- To prevent a previously generated interval statistics table and/or graph from appearing on a Location History report, save the report without the Show graph option selected.

POS

- The viewLinc POS Terminal Service is available, but POS terminal hardware is no longer available from Vaisala. POS terminal functionality is replaced with viewLinc Remote Display (<http://<viewLincIPAddress>/display>).
- POS terminals show alarms when alarms are detected, even if an alarm activation delay is set.

UI functionality

- The Events Location filter does not identify all Location-related events generated when editing the Locations Manager tree. To filter these events, use the text filter.
- A Chrome browser is recommended for remote display terminals.
- European number format is not supported in the UI (decimal separator).
- In Views Manager, avoid creating views when a search filter is active.
- In Views Manager, trends that show historical data cannot be saved.

Mobile UI functionality

- Mobile UI updates are performed on a timer basis and not via server push messages.
- Mobile UI does not reflect changes in the Locations tree structure. Refresh the Locations panel to view the latest changes.
- When the mobile keyboard is visible, orientation changes may cause rendering problems.
- When a Trend is opened on a mobile device for the first time it is blank.
- The RH unit does not display correctly in pop-up on the iOS Safari.
- The Trend window opens directly if opened from a previously created bookmark.
- The confirm identity pop-up does not appear completely on the mobile screen.
- The option, "Pause device alarming", only applies when selecting individual Locations.

