

# NMVS EXTERNAL RELEASE NOTE RELEASE 18

## **Preliminary Release Note**

This Release Note contains the changes and fixes that will be included in NMVS Release 18. This is a **Preliminary Release Note**. The release has still to complete Acceptance and Interoperability Testing and updates to the release may be made following this. A Final Release Note will be issued prior to deployment of the release into Production which will include the final list of changes and fixes.

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## REVISION HISTORY

Version	Date	Description	Author
0.1	03-Feb-2026	Initial draft	Daniel Glonek
0.2	10-Feb-2026	Added Root Certificate Authority update with upcoming SSL Certificate Change	Daniel Glonek
0.3	18-Feb-2026	Updated following NMVO Review – minor grammatical amendments in section 3.4	Daniel Glonek
1.0	18-Feb-2026	Approved at v1.0	Daniel Glonek

## DOCUMENT REVIEW HISTORY

Version	Date	Customer / Department / Function	Reviewed by
0.1	04-Feb-2026	QA review	Matt Stellmacher
0.2	10-Feb-2026	QA review	Matt Stellmacher
0.3	18-Feb-2026	QA review	Matt Stellmacher



## DOCUMENT APPROVAL

Declaration	Signature, Name and Role
I am signing to certify this document has been produced following the prescribed process and to certify that it meets software development requirements.	 <a href="#">Daniel Glonek (Feb 18, 2026 16:38:55 GMT)</a>
	Daniel Glonek, Author & Business Analyst
I am signing to certify this document has been produced following the prescribed process and to certify that it meets software development requirements.	
	Steven Sloggett, Design Lead
I am approving this document to certify that it meets NMVS project requirements.	 <a href="#">Rizwan Rehman (Feb 18, 2026 17:00:44 GMT)</a>
	Rizwan ur Rehman, Project Manager
I certify that this document meets Solidsoft Reply's quality and compliance requirements.	 <a href="#">Matt Stellmacher (Feb 18, 2026 16:11:56 GMT)</a>
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\*Note that date will be automatically added by the electronic signing tool. If signing by hand, please include date. If date and time are not shown under electronic signatures, the audit trail at the back of this document shows the date and time of signature.

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## 1 PURPOSE

This document provides a summary of the National Medicines Verification System (NMVS) Release 18 changes.

## 2 SCOPE

The following areas are covered in this release note:

- Version and build information for this software release.
- Changes and features included in this release.
- Known issues, omissions from specification and, if relevant, the workarounds.
- Procedure for obtaining support in relation to software identified in this release.

## 3 RELEASE SUMMARY

### 3.1 RELEASE VERSION INFORMATION

This document addresses the software release identified below:

Build Reference	Title
18.0.26030.1	NMVS Release 18

**Table 1: Release Version Information**

### 3.2 CHANGES AND FEATURES

The list of changes is shown in the following table, sorted by affected stakeholders and then by change area. The change areas are:

- Front End API (FE-API), the interfaces with local organisations, NMVOs and NCAs.
- Back End Hub/NMVS API (BE-API), the interfaces with the EMVS-HUB or NS NAMS.
- Admin Portal (AP), changes to the GUI of the NMVS Administration Portal or EVA Portal.
- Report (RPT), changes in the output of system generated reports.
- Infrastructure (IS), changes to the system infrastructure.
- Integrated Test Environment (ITE), changes to the ITE APIs and/or ITE Developer Portal.



- Alerts (ALT), changes that are impacting alerts.

If a change doesn't fall under the above categories, then it is labelled as miscellaneous in the 'Change Area' column.

When a change is categorised as a breaking change, it is clearly marked with a **'Breaking Change'** tag and interface and stakeholder impacted. A breaking change refers to any alteration in system functionality that may necessitate modifications in client systems for API consumption. Commonly, though not exclusively, this pertains to changes in the NS Authentication API, NS Local Organisation Verification API, NS Reporting API (End users, NMVOs, NCAs), NS Exceptions API (NMVOs) or NS National Alert Management System (NAMS). The list of breaking changes is also defined in section 3.3.

NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
116720	116743	Confidential EMVS_CR_21614	Confidential	Confidential
116721	116744	Confidential EMVS_CR_17397	Confidential	Confidential
107760	111340	<p><u>Possibility for end-users to view Locations menu similar to NMVOs (EMVS_CR_31230)</u></p> <p>The Locations screen in the NMVS Administration Portal has been enhanced for Local Organisation users to more closely align to the behaviour in the same screen for NMVO users. Local Organisation users can now perform the following actions:</p> <ul style="list-style-type: none"> <li>• View and export location client activity data</li> <li>• Search location and equipment by Client Id</li> <li>• Expand the locations list to show equipment at each location</li> <li>• Export the list of locations in CSV and Excel formats</li> </ul>	Local Organisations	AP

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NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
108546	108419	<p><u>Enhance the usability of the System Transactions dashboard (EMVS_CR 31848)</u></p> <p>The System Transactions Dashboard in the NMVS Administration Portal has been enhanced to:</p> <ul style="list-style-type: none"><li>• Provide a clear indication to the user when graph data is loading.</li><li>• A 'Clear' button has been added that removes all filters that are currently applied to the dashboard.</li></ul>	NMVOs	AP



NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
113952	117162	<p><u>Exceptions Metric Report to include number of intermarket errors and internal server errors (EMVS_CR_31842)</u></p> <p><b>This is a breaking change affecting NS Reporting API (NMVOs) and is applied to Reporting API 3.5.</b></p> <p>The Exceptions Metric Report has been extended to display the total number of errors have occurred within a given timeframe:</p> <ul style="list-style-type: none"> <li>• B1020000 (intermarket error) (A70 Timeout)</li> <li>• B1020000 (intermarket error) (Non-A70 Timeout)</li> <li>• A0020000 (internal server error)</li> </ul> <p>These details are displayed in a new table/section (as applicable per report type) named 'Intermarket and Internal Server Errors'.</p>	NMVOs	FE-API, AP, RPT



108254	108274	<p><u>Add filter for Synthetic Monitoring transactions to reports (EMVS_CR_31837)</u></p> <p><b>This is a breaking change affecting NS Reporting API (NMVOs) and is applied to Reporting API 3.5.</b></p> <p>NMVO users can filter the following reports by synthetic and genuine data, or include both (default):</p> <ul style="list-style-type: none"><li>• Exceptions Audit Trail Report</li><li>• User Activity Report</li><li>• Transactions By Transaction Type Metric Report</li><li>• Transaction Times Metric Report</li><li>• SLA Transaction Times Metric Report</li><li>• Exceptions Metric Report</li><li>• System Access Audit Trail Report</li><li>• Product Master Data Audit Trail Report</li><li>• Connecting Stakeholders Metric Report</li><li>• Product Pack Upload Audit Trail Report</li></ul> <p>The reports will include the type of data specified in the filter allowing users to easily differentiate between different transaction types and focus on genuine business transactions.</p>	NMVOs	FE-API, AP, RPT
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NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
		The behaviour of the report header has also been aligned for all of these reports to specify the type(s) of data included in the report.		



116689	117260	<p><u>Display Reporting, Identity, Authentication and NMVO Exceptions API usage in NMVS Administration Portal and Daily/Delta Snapshot Report (EMVS_CR_31841)</u></p> <p><b>This is a breaking change affecting NS Reporting API (NMVOs).</b></p> <p>The NMVS Administration Portal has been enhanced to:</p> <ul style="list-style-type: none"><li>• Allow NMVO users to view usage of Reporting, Identity, Authentication and NMVO Exception APIs. This is in addition to already available Verification API usage data.</li><li>• Allow NCA users to view usage of Reporting and Identity APIs.</li><li>• Allow Local Organisation users to view usage of Reporting and Identity APIs. This is in addition to already available Verification API usage data.</li></ul> <p>The data is available in graph and tabular formats and, depending on the stakeholder, can be accessed for a given organisation, location or equipment. The usage data can be exported in CSV format.</p> <p>The Daily Snapshot and Delta Snapshot reports for NMVOs have been updated to inclusion usage data for the additional APIs.</p>	NMVOs, NCAs, Local Organisations	FE-API, AP, RPT
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NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
117964	117965	<p><u>Mark Reporting API 3.3 as Deprecated (EMVS_CR_11545)</u></p> <p>Reporting API 3.3 has been marked as a deprecated version.</p> <p>The API Versioning page in the ITE Developer Portal has been updated to reflect the currently supported and deprecated API versions for the NMVS.</p>	NMVOs, NCAs, Local Organisations, IT Suppliers	FE-API, RPT, ITE



NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
119046	118643	<p><u>Rearchitecture of the NMVS reporting framework (EMVS_CR_31926)</u></p> <p><b>This is an infrastructure change only. Report parameters, layout and data content are unaffected by this change.</b></p> <p>The NMVS reporting framework architecture has been enhanced to bring it in line with current best practices in software design. This change ensures better separation of concerns and improved decoupling between components, resulting in a more modular and maintainable system.</p> <p>The redesigned framework simplifies the maintenance of the current set of reports and introduces extensibility, allowing future reporting requirements to be implemented more efficiently. Adding new reports or supporting new formats becomes significantly easier.</p> <p>By enhancing flexibility, resilience, and responsiveness, the new architecture ensures that the reporting solution remains robust and scalable as the Solidsoft Reply NMVS continues to evolve in response to regulatory changes and operational demands.</p>	<p>NMVOs, OBPs, Solidsoft Reply, NCAs, Local Organisations, IT Suppliers</p>	<p>IS</p>



NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
119747	119749	<p><u>Migration of NMVO reports to the new reporting framework (EMVS_CR_31927)</u></p> <p><b>This is an infrastructure change only. Report parameters, layout and data content are unaffected by this change.</b></p> <p>Migration of NMVO reports to the new reporting framework enables NMVOs to fully leverage the enhanced capabilities of the updated architecture, including improved maintainability and flexibility.</p> <p>A phased migration of reports from the existing NMVS reporting framework to the new reporting framework, allows for a controlled rollout, targeted testing, and clear traceability.</p> <p>Local Organisation and NCA reports are due to be migrated to the new reporting framework in future releases, and will be communicated in the documentation for those releases.</p>	<p>NMVOs, OBPs, Solidsoft Reply, NCAs, Local Organisations, IT Suppliers</p>	<p>IS</p>



NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
117114	117159	<p><u>Rate Limiting Incident Report shall include the number of throttling events for APIs (EMVS_CR_31843)</u></p> <p><b>This is a breaking change affecting NS Reporting API (NMVOs) and is applied to Reporting API 3.5.</b></p> <p>The Rate Limiting Incident Report has been extended to display the aggregated number of throttling events for the selected NMVS APIs within the requested timeframe:</p> <ul style="list-style-type: none"> <li>• Verification API</li> <li>• Reporting API</li> <li>• Authentication API (includes Client Credentials Secret Management operations)</li> <li>• NMVO Exception API</li> </ul> <p>Provision of this data in the report improves NMVO visibility of system activity and helps to identify potential issues.</p>	NMVOs, Solidsoft Reply	FE-API, AP, RPT



NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
117546	117721	<p><u>API metadata properties to be added to Reporting and Identity API audit events (EMVS_CR_31833)</u></p> <p><b>This is an infrastructure change only. API behaviour is unaffected by this change.</b></p> <p>The following API request metadata is now recorded in all relevant Reporting and Identity audit events:</p> <ul style="list-style-type: none"> <li>• Requested API Version (requested API version, or none when not specified by the client and default is to be used)</li> <li>• API Version (version actually used)</li> <li>• User Agent</li> <li>• IP Address</li> </ul> <p>The Authentication end-point, Verification and NMVO Exception APIs already record relevant properties in their audit events.</p> <p>Recording this information enhances the auditing of requests made to the Reporting, Identity and NMVO Exception APIs. The metadata will be useful in future investigations and could be used to expand current NMVS functionality and reports.</p>	NMVOs, Solidsoft Reply	IS



117125	117157	<p><u>Allow an organisation to have a Secondary Contact (EMVS_CR_31844)</u></p> <p>Organisations can now have an optional Secondary Contact, in addition to the Prime Contact.</p> <p>The NMVS Administration Portal has been enhanced across organisation creation, onboarding, editing, management, export and IT Supplier Qualification functions.</p> <p>The Daily Snapshot, Delta Snapshot and Organisation Summary report has also been updated to include Secondary Contact details. Additionally, Secondary Contact details will be shown (when applicable) in the Organisation Administration Activity and Organisation Administration Audit Trail reports upon organisation creation, a Secondary Contact being added, edited, removed or reassigned.</p> <p>Any NMVS emails sent to the Prime Contact will also be sent to the Secondary Contact by default, although this can be amended when the NMVO has the possibility to customise the list of message recipients.</p>	NMVOs, Solidsoft Reply, NCAs, Local Organisations	FE-API, AP, RPT
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NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
		The Prime Contact for an organisation is an organisation super-user. Any Secondary Contact will also be an organisation super-user, so that they may perform the same administrative actions.		
116722	116746	<u>Upgrade system libraries (EMVS_CR_25748 &amp; EMVS_CR_11548)</u>  New versions of third-party libraries used by the system are continuously developed, in order to introduce new features, fix defects or perform security updates. Where possible, the set of third-party libraries used by the system have been updated to the latest stable version.	NMVOs, Solidsoft Reply, NCAs, Local Organisations, IT Suppliers	All



NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
118684	118685	<p><u>Add Referrer-Policy Header to Control Referrer Information Included with Requests to the NMVS (Part 2) (EMVS_CR_31704)</u></p> <p><b>The NMVS has implemented the Referrer-Policy header in all NS API versions and responses as Part 2 of this change.</b></p> <p><b>Please refer to the ITE Developer Portal for more information. The ITE API documentation and sandbox were updated in Release 17 to enable IT Suppliers to prepare for this change.</b></p> <p>The NMVS APIs will return the Referrer-Policy header to clients, requesting that they do not include any referrer information.</p> <p>The Referrer-Policy header aligns with security best practice, and has been recommended in security audits and compliance checks. The risk of information disclosure to unauthorised parties is reduced.</p>	<p>NMVOs, Solidsoft Reply, NCAs, Local Organisations, IT Suppliers</p>	<p>FE-API, ITE</p>



NMVO CAB ADO ID	Solidsoft Reply ID	Change Title, EMVS_CR Reference and Description	Affected Stakeholder	Change Area
116723	116747	<p><u>Upgrade to latest version of .NET (EMVS_CR_30223)</u></p> <p>The NMVS .NET applications have been kept up-to-date by upgrading to the latest .NET version to take advantage of performance improvements, new features, and security fixes. It also ensures continued support from Microsoft.</p>	<p>NMVOs, Solidsoft Reply, NCAs, Local Organisations, IT Suppliers</p>	<p>IS</p>
120915	120916	<p><u>Storage Account upgrade from General-Purpose v1 to General-Purpose v2 (EMVS_CR_31904)</u></p> <p>General-Purpose v1 (GPv1) storage accounts were introduced to support Azure storage scenarios across Blobs, Tables, Queues, and Files. However, General-Purpose v2 (GPv2) has since become the standard for storage accounts, offering broader feature support, improved consistency, and better performance.</p> <p>All NMVS storage accounts have been upgraded from GPv1 to GPv2 storage accounts ahead of General-Purpose v1 storage accounts being retired by Microsoft in October 2026.</p>	<p>NMVOs, Solidsoft Reply, NCAs, Local Organisations, IT Suppliers</p>	<p>IS</p>

**Table 2: Changes to the NMVS**



### 3.3 BREAKING CHANGES

- 108254: Add filter for Synthetic Monitoring transactions to reports (EMVS\_CR\_31837)
- 113952: Exceptions Metric Report to include number of intermarket errors and internal server errors (EMVS\_CR\_31842)
- 116689: Display Reporting, Identity, Authentication and NMVO Exceptions API usage in NMVS Administration Portal and Daily/Delta Snapshot Report (EMVS\_CR\_31841)
- 117114: Rate Limiting Incident Report shall include the number of throttling events for APIs (EMVS\_CR\_31843)

### 3.4 CHECK FOR REQUIRED ROOT & SUB CERTIFICATE AUTHORITY CERTIFICATES

*Solidsoft Reply Request:*

Prior to the NMVS Release 18 deployments, all end-users must check their systems that connect to NMVS for compatibility and update the Root/Sub CA certificates if required before May 2026.

*Impact:*

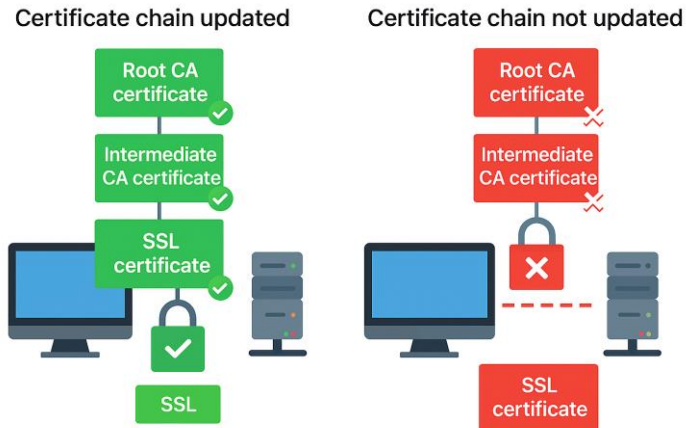
If these CA (Certificate Authority) certificates are missing, the end-user system will be unable to connect to NMVS following the Release 18 IQE deployment (from late February 2026) and Production deployment (May 2026).

It will appear that the NMVS is unavailable and not responding to requests, when the NMVS is up and running.

*Reason:*

This requirement is due to a change to use an updated SSL Certificate provider's Certificate Authority (CA). The updated CA and Sub-CA Certificates are required for systems communicating with NMVS to trust the public certificate that NMVS will use following the Release 18 deployments.

Note that this is not a breaking change as such, as it is reliant on systems connecting to NMVS receiving regular updates (that include Root Certificate updates).



#### *Examples & Updating Environments:*

Users of the NMVS must check that their systems that connect directly to NMVS have the updated CA and Sub-CA certificates present.

- Example 1: If a Pharmacy or Wholesaler uses an application locally on a PC that talks directly to NMVS, the PC must be checked for the updated CA's.
- Example 2: If a Pharmacy Chain or Wholesaler uses an application that connects to their central system that in turn communicates with NMVS, it is the central system that must be checked.

Fully patched Windows environments and Azure should already include these certificates.

Linux and Java based environments may not have them present and could require manual installation.

#### *Root CA and Subordinate CA Details:*

The required Root CA and Sub CA Certificates are as follows:

- Root CA: Sectigo Public Server Authentication Root R46



<https://crt.sh/?d=4256644734>

- Subordinate CA: Sectigo Public Server Authentication CA DV R36  
<https://crt.sh/?d=4267304690>

Updated CA's certificates can normally be installed alongside the existing CA's.

Please ensure the aforementioned certificates are in place on the machine(s) where the software connecting to the NMVS is running.

### 3.5 DEFECTS FIXED

The following defects have been fixed in this release.

NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact After the Fix	Affected Stakeholders
113887	119773	<p><u>Packs graph in the System Metrics Dashboard should display the number of packs correctly on the Y-axis (EMVS_FR_31709)</u></p> <p>An improvement has been made to how values are displayed on the Y-axis of the System Metrics Dashboard, ensuring that the bars in the graph are aligned correctly with the numbers.</p> <p>0 values are correctly displayed as a single '0' instead of multiple '0' characters.</p>	Accuracy and clarity of the System Metrics Dashboard.	NMVOs



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact After the Fix	Affected Stakeholders
114392	116499	<p><u>Initiating NMVS should propagate a Level 5 alert raised in the fulfilling NMVS when attempting to reactivate a pack decommissioned as stolen or destroyed at the same location by IMT (EMVS_FR_31846)</u></p> <p>When reactivation of a pack requires the initiation of an intermarket transaction, and the remote market returns an A7 or A24 error code and a UPRC, the UPRC will be:</p> <ul style="list-style-type: none"> <li>• Returned with the pack reactivation API response, and</li> <li>• Recorded in the audit event for the pack reactivation transaction</li> </ul>	Data integrity, ensuring correctness of audit events for pack reactivation transactions.	NMVOs, OBPs, NCAs, Local Organisations
116032	115336	<p><u>Ability to edit user roles by a single-location super-user (EMVS_FR_31847)</u></p> <p>Super-users assigned to a single location can manage users at the same location. Previously, when attempting to edit another user's roles, the 'Update' button was unavailable.</p>	Enables correct administration of user roles by super-users assigned to a single location.	Local Organisations



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact After the Fix	Affected Stakeholders
116033	115483	<p><u>Existing products with stored MAH should be updated to use EMVS MAH ID when received from the EU-Hub (EMVS_FR_31714)</u></p> <p>Release 6.1 introduced a new system for storing Marketing Authorisation Holder (MAH) details separately from products, linking them via an EMVS MAH ID. The system stores the MAH details from the European Hub, which include the MAH's name, address, and OBP details. The NMVS now updates older products (uploaded before Release 6.1) to reference the correct EMVS MAH ID details.</p> <p>For MAH requests received from the EU-HUB, the MAH details are stored and updated if necessary. The NMVS then checks if there are any products linked to the updated MAH records. If there are any matches, the NMVS-generated EMVS MAH ID of the latest version for each product is replaced with the EMVS MAH ID of the EU-Hub MAH details.</p>	<p>Data integrity, ensuring that updated MAH details received from the EU-Hub are updated in the NMVS and applied to all linked products.</p>	<p>NMVOs, OBPs, NCAs, Local Organisations</p>



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact After the Fix	Affected Stakeholders
117469	117407	<p><u>Audit events when intermarket initiation results in A5 error should include pack last update and state information if available (EMVS FR 31845)</u></p> <p>The audit events raised for a local pack reactivation operation which initiates an intermarket transaction and results in an A5 error response now includes the following information:</p> <ul style="list-style-type: none"> <li>• Decommission Timestamp</li> <li>• Decommission Location ID</li> <li>• Pack State</li> </ul> <p>The following NMVO reports have been updated for the additional properties to be displayed where the relevant audit event currently appears:</p> <ul style="list-style-type: none"> <li>• Exception Audit Trail Report</li> <li>• Pack Audit Trail Report</li> <li>• Pack Disclosure Report</li> </ul>	Ensures data integrity by the expected audit properties being included in audit events.	NMVOs, Local Organisations



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact After the Fix	Affected Stakeholders
118953	118977	<p><u>Exceptions API must not return the same alert more than once (EMVS_FR_31903)</u></p> <p><b>This Fix Request is the second stage to resolve the issue in the NMVS. A routine change (NMVO CAB ADO ID 119367) to update a NMVS setting was applied in Release 17 to workaround the defect.</b></p> <p>When the Exceptions API took an extended time to prepare alert data, the response would occasionally incorrectly include duplicate alerts, causing the total alert count to be doubled and each alert to appear twice in the results. This behaviour has now been corrected and the alerts returned in the response now match the stated number and are not duplicated.</p>	Data integrity of alerts.	NMVOs

**Table 3: Defects Fixed**



### 3.6 KNOWN DEFECTS

The following known defects are present in this release:

NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
105559	119081	<p><u>NMVS should not be sending the manualentry flag in the alert supporting data for #A2 alerts (EMVS_FR_TBC)</u></p> <p>When sending #A2 alerts to the EU Hub, the NMVS incorrectly includes the manualEntryFlag fields in the alert supporting data. According to “<b>EMVS0647 - EMVS European Hub Functional Specification (SR1.13) v15.0</b>” (as confirmed in SR1.13 and retested in SR1.16), these fields should not be sent for #A2 alerts, resulting in non-compliance with the EU Hub functional specification.</p>	Non-compliance with the EU Hub functional specification.	NMVOs



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
111240	111235	<p><u>Verification API calls with missing product code scheme should return the correct operation code for requests where the URL contains a double slash (EMVS_FR_TBC)</u></p> <p>A fix implemented in Release 15 (NMVO CAB ADO ID FR 106746) updated the Verification API to handle missing product code scheme, product code, batch or serial number, ensuring appropriate error messages.</p> <p>Some scenarios return incorrect operation codes due to NMVS firewall URL normalization. For instance, when the product code scheme is missing and replaced by a double-slash (//), the product code is misidentified as the scheme, leading to misleading error responses.</p> <p>A workaround has been applied in Release 16 as part of NMVO CAB ADO ID FR 111245, to return a clearer warning message in affected scenarios.</p>	<p>IT Supplier confusion when client software omits product code schema and/or product code in Verification API requests.</p>	<p>NMVOs, OBPs, Local Organisations, IT Suppliers</p>



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
111242	111230	<p><u>NMVS Administration Portal should provide a responsive user experience for smaller screen sizes and zoom levels (EMVS_FR_TBC)</u></p> <p>When using a smaller screen size or different zoom levels, certain NMVS Administration Portal pages can suffer from a visual impact with overlapping controls or loss of function because certain buttons cannot be clicked.</p>	Reduced user experience and usability of the Administration Portal.	NMVOs, NCAs, Local Organisations



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
117764	117765	<p><u>Non-Simplified PDF format for the specific reports should be rejected (EMVS LC 32052)</u></p> <p>When the Transaction Log Client report is requested in the following scenario:</p> <ul style="list-style-type: none"> <li>• The “returnSimplifiedView” parameter is either absent or set to false, and hence a Full report is being requested.</li> <li>• The PDF format type is specified as the sole requested format, which is not supported for the Full report being requested.</li> </ul> <p>then the National System incorrectly generates all formats of the report, including the PDF version. The invalid combination of parameters and requested format should be rejected by the National System.</p> <p>After the report has been incorrectly generated, the report content can be retrieved by requesting the PDF format. The invalid report should be rejected and not returned for this scenario.</p> <p>The description of the Transaction Log Client report returned by the Reporting API does not clearly state that the PDF format of the report is only available when the simplified view of the report is requested.</p>	<p>Incorrect formats are being generated for affected reports, unnecessarily consuming system resources.</p> <p>Incorrect formats being retrievable from the National System causes user confusion and does not align with their expectations.</p> <p>Unclear description of the report reduces clarity about available formats of the report for specific requests.</p>	Local Organisations



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
118724	118725	<p><u>Prevent Internal System errors from occurring during ETA calculation for submitted bulk API request (EMVS_LC_32053)</u></p> <p>A small number of internal server errors were observed for bulk API requests submitted by Synthetic Monitoring. These requests failed during the first step - submitting the bulk transaction - before reaching the queue for processing.</p> <p>The failure can occur during calculation of the ETA for when the outcome of a request will be available, when internal infrastructure does not respond in time.</p>	<p>Misleading results in Synthetic Monitoring.</p> <p>Additional errors included in reports.</p>	NMVOs, Local Organisations



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
118978	118979	<p><u>"Returned Pack State" and "Number of Attempts" columns shall not be populated in End User Reports for any Verification API responses that have not returned the relevant information to the end user (EMVS_LC_32054)</u></p> <p>The "Returned Pack State" and "Number of Attempts" columns in the following reports:</p> <ul style="list-style-type: none"> <li>• Transaction Log Client Report</li> <li>• End User Pack Audit Trail Report</li> <li>• End User Pack Disclosure Report</li> <li>• End User Batch Disclosure Report</li> </ul> <p>are intended to show the pack state and number of attempts returned to the end user in Verification API response.</p> <p>In certain scenarios, the API does not return the pack state or number of attempts. For example, when it responds with an error or a warning message to the end user (such as when a batch is exempt from FMD requirements).</p> <p>Consequently, displaying the pack state or number of attempts in reports when this information was not provided to the end user is inconsistent and may lead to data integrity issues.</p>	Data integrity.	Local Organisations



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
119427	119429	<p><u>Transaction log client report should not omit any field values for successful transactions (EMVS_FR_TBC)</u></p> <p>When it is known to the system, the product name is reported to the end user in all transactions via API. However, the product name is not reported to the end user in the Transaction Log Client Report for successful transactions.</p>	Data Integrity.	Local Organisations
119431	119432	<p><u>End User reports should correctly report 'Is Manual' for a successful manual transaction (EMVS_FR_TBC)</u></p> <p>Successful manual transactions are shown as '-' in the "Is Manual" column in the Transaction Log Client Report. The report should indicate whether the transaction was manual or not.</p>	Data Integrity.	Local Organisations
119785	119890	<p><u>Ability to edit users whose location was transferred away (EMVS_FR_TBC)</u></p> <p>If a location is transferred away from an organisation and later transferred back, any user who remained assigned to that location during the transfer process cannot be managed by the super-user, preventing role updates.</p>	Prevents role management of users at a location.	Local Organisations



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
120616	120618	<p><u>The client filter in reports and System Transactions Dashboard should display correct organisations (EMVS_FR_TBC)</u></p> <p>For locations moved to other organisations, when the client name is typed into the filter, the only affiliation that is shown for this client equipment is that of the previous organisation.</p> <p>If the Organisation ID of the previous organisation is included in the filter, the name of the Client Equipment changes to 'Unknown'. If the current Organisation is selected in the filter, then the Client Name changes to the current value.</p> <p>Typing in the name of the location should result in the location's affiliation with both the old organisation and the new organisation being shown.</p>	Data Integrity.	NMVOs
120619	120620	<p><u>Rate Limiting Incident Report should generate successfully in markets with connectors (EMVS_LC_32169)</u></p> <p>When the Rate Limiting Incident Report is requested by a market with connectors enabled, the Rate Limiting Incident Report does not generate successfully when there are disabled locations.</p>	Data Integrity.	NMVOs



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
121349	121363	<p><u>System Transactions Dashboard shall display the correct number of distinct events (EMVS LC 32168)</u></p> <p>The NMVS ingests audit events into Databricks for dashboards and reporting of historic data. Audits are ingested on a regular schedule during business hours, and less frequently at night.</p> <p>The ingestion process is designed for performance and fault tolerance. As standard for any datalake architecture, audit events are ingested from the source folder and staged into Databricks, then the audit files are archived. Occasionally, the ingestion process fails due to platform or external connectivity issues. The ingestion process automatically recovers on the next run by processing the audit events again, but this can result in multiple instances of the same audit event in Databricks (by design).</p> <p>Once the audit events are ingested into Databricks, NMVS reports ensure that they use distinct events for accurate reporting. The System Transactions Dashboard does not ensure distinct events, and can present higher numbers of transactions if one or more audit events are ingested more than once.</p>	Data integrity.	NMVOs



NMVO CAB ADO ID	Solidsoft Reply ID	Title, EMVS_FR Reference and Description of Defect Behaviour	Business Impact	Affected Stakeholder
121871	121872	<p><u>Reason for organisation being suspended shall be displayed for organisations that are automatically suspended in relevant reports (EMVS_FR_TBC)</u></p> <p>When an organisation has been automatically suspended by the NMVS, the Reason for suspension is not shown in Organisation Administration Activity reports.</p>	Data integrity.	NMVOs, Local Organisations
124187	126425	<p><u>NMVS Administration Portal Two-Factor authentication code should only be sent once for a single login attempt (NMVS_FR_TBC)</u></p> <p>Occasionally, more than one email with Two-Factor Authentication (2FA) code is received by a user attempting to login to the NMVS Administration Portal. The emails are not a duplicate and they contain a new code.</p>	User confusion and uncertainty.	NMVOs, NCAs, Local Organisations

**Table 4: Known Defects**

### 3.7 NMVS API VERSIONS

The following API versions are supported in the NMVS for Release 18:

EMVS API Version	Release 18		
	Verification API	Reporting API	Identity API
3.0	D	X	N/A
3.1	S	D	N/A
3.2	N/A	D	N/A
3.3	N/A	D	S
3.4	N/A	S	N/A
3.5	N/A	S	N/A

**Table 5: NMVS API Versions (Release 18)**

- S = Supported API Version
- D = Deprecated API Version
- X = API Version that is no longer supported within the NMVS

**SOLIDSOFT REPLY**

38 Grosvenor Gardens - London SW1W 0EB - United Kingdom  
 tel +44 (0) 207 730 6000 - fax +44 (0) 207 259 8600  
 solidsoft@reply.com

[www.reply.com](http://www.reply.com)



Subject to confirmation, the following API versions will be supported in the NMVS for Release 19 (November 2026):

EMVS API Version	Release 19		
	Verification API	Reporting API	Identity API
3.0	D	X	N/A
3.1	S	X	N/A
3.2	N/A	X	N/A
3.3	N/A	D	S
3.4	N/A	D	N/A
3.5	N/A	S	N/A
3.6	N/A	S	N/A

**Table 6: NMVS API Versions (Release 19)**

- S = Supported API Version
- D = Deprecated API Version
- X = API Version that is no longer supported within the NMVS



### 3.8 SUPPORT

Requests for support related to the NMVS service are to be directed to the country-specific Solidsoft Reply NMVS service desk.

Country	Support Contact Address
Bulgaria	bgmvo.support@reply.com
Croatia	hopal.support@reply.com
Cyprus	koef.support@reply.com
Czech Republic	czmvo.support@reply.com
Denmark	dmvo.support@reply.com
Estonia	reks.support@reply.com
Finland	fimvo.support@reply.com
Greece	hmvo.support@reply.com
Iceland	icemvo.support@reply.com
Ireland	imvo.support@reply.com
Lithuania	nvvo.support@reply.com
Malta	mamvo.support@reply.com
Slovenia	zapaz.support@reply.com
Sweden	evis.support@reply.com
Switzerland	smvs.support@reply.com

**Table 7: Contact Details**



Contact Phone: +44 (0) 207 730 6000

Contact Portal: <https://solidsoft.freshservice.com>

Contact Address: Solidsoft Reply Ltd,  
Nova South,  
160 Victoria Street,  
London,  
SW1E 5LB,  
United Kingdom

Hours of Operation: 08:00 to 20:00 Local Time Monday – Saturday

Language: English









# EMVS3729 - NMVS External Preliminary Release Note (Release 18) v1.0

Final Audit Report

2026-02-18

Created:	2026-02-18
By:	Matt Stellmacher (m.stellmacher@reply.eu)
Status:	Signed
Transaction ID:	CBJCHBCAABAAAb0le8XnRppupWbE7HAtuPun5zznoM6vh

## "EMVS3729 - NMVS External Preliminary Release Note (Release 18) v1.0" History

-  Document created by Matt Stellmacher (m.stellmacher@reply.eu)  
2026-02-18 - 4:10:39 PM GMT
-  Document emailed to d.glonek@reply.eu for signature  
2026-02-18 - 4:11:43 PM GMT
-  Document emailed to Steven Sloggett (s.sloggett@reply.eu) for signature  
2026-02-18 - 4:11:43 PM GMT
-  Document emailed to r.urrehman@reply.eu for signature  
2026-02-18 - 4:11:43 PM GMT
-  Document emailed to Matt Stellmacher (m.stellmacher@reply.eu) for signature  
2026-02-18 - 4:11:44 PM GMT
-  Document e-signed by Matt Stellmacher (m.stellmacher@reply.eu)  
Signature Date: 2026-02-18 - 4:11:56 PM GMT - Time Source: server
-  Email viewed by d.glonek@reply.eu  
2026-02-18 - 4:36:33 PM GMT
-  Signer d.glonek@reply.eu entered name at signing as Daniel Glonek  
2026-02-18 - 4:38:53 PM GMT
-  Document e-signed by Daniel Glonek (d.glonek@reply.eu)  
Signature Date: 2026-02-18 - 4:38:55 PM GMT - Time Source: server
-  Email viewed by Steven Sloggett (s.sloggett@reply.eu)  
2026-02-18 - 4:57:14 PM GMT

 Email viewed by r.urrehman@reply.eu


2026-02-18 - 4:59:38 PM GMT

 Document e-signed by Steven Sloggett (s.sloggett@reply.eu)

Signature Date: 2026-02-18 - 5:00:07 PM GMT - Time Source: server

 Signer r.urrehman@reply.eu entered name at signing as Rizwan Rehman

2026-02-18 - 5:00:42 PM GMT

 Document e-signed by Rizwan Rehman (r.urrehman@reply.eu)

Signature Date: 2026-02-18 - 5:00:44 PM GMT - Time Source: server

 Agreement completed.

2026-02-18 - 5:00:44 PM GMT