



Your Guide to Verification Routing Services (VRS) for the Drug Supply Chain Security Act (DSCSA)

What is VRS?

Verification Routing Services (VRS) help route product verification requests to the correct manufacturer. It involves three main components:

- **Requesters:** Wholesalers or dispensers who need to verify products for legitimacy or returns
- **Responders:** Manufacturers or repackagers who have serialized and released the product
- **Lookup Directory (LD):** A database that translates Global Trade Item Number (GTINs) product codes into responder addresses.

The HDA VRS Provider Network features a list of tested and validated VRS providers to ensure reliable and compliant product verification.

Verification vs. Traceability

Verification involves checking against the official manufacturing database to confirm product authenticity, recall status or extended expiration dates. Traceability is different as it only verifies products from a provided list, not against the full manufacturing database.

Authorized Trading Partners (ATP)

Requests and responses should only be exchanged between authorized trading partners (ATP). Since requesters and responders may not be direct partners, electronic identification can be provided by Spherity (CARO) and LedgerDomain (XATP).

The Role of VRS in DSCSA Compliance

Legal Requirements

Responders are required to reply to verification requests within 24 hours and must confirm the requester's ATP status. If the product is not in their possession, responders may opt not to respond. Although the DSCSA does not mandate the use of electronic verification systems, many responders utilize VRS solutions. Verification is necessary for:



Saleable returns



Exceptions related to the product



Suspect or illegitimate products



Product status checks

Challenges with VRS



GTIN Record Management

All GTINs must be listed in the LD for requesters to receive responses.



Lookup Directory Management

There is no central LD managed by the government. Instead, it is managed by multiple VRS providers that synchronize their directories.



Synchronization and GTIN Management

Responder organizations must use a VRS provider with a synchronized LD that supports GTIN uploads and maintains serial number records. Responses should be made within 1 second using the GS1 lightweight messaging standard, with 24/7 availability for both the LD and server.



Routing and Connection

Requesters should choose a VRS provider with a synchronized LD that connects to other LDs, ensuring updated routing information for accurate request handling.



ATP Credentialing

Participants are advised to support ATP credential creation and verification.

Movilitas.Cloud: Achieve Compliance Requirements in Just a Few Steps

Movilitas.Cloud, developed by Engineering Industries eXcellence, is a cutting-edge Software-as-a-Service (SaaS) platform that enables enterprises to easily serialize, track and trace products across global supply chains while ensuring regulatory compliance. It facilitates seamless onboarding of suppliers, distributors and partners to enhance product safety and authenticity. The platform integrates smoothly with national authorities and enterprise systems, supporting serialization, aggregation and logistics processes for a wide range of stakeholders across industries.

Key Features

- Complete VRS solution provider
- Own Lookup Directory
- Full responder functionality based on EPCIS data
- Verification functionality
- Mobile app for scanning (iOS, Android, browsers)
- Full API integration for external scanning solutions
- Reporting and analysis tools



Key Benefits

- Gateway Certified™
- HDA VRS Provider Network member
- Reliable SaaS, validated for pharmaceuticals and life sciences
- Flexible monthly contracts with a 30-day free cancellation period if not satisfied
- Compliance achievable within 1 hour post-registration
- Easy compliance for responders by uploading EPCIS files and registering GTINs



The image shows a screenshot of the Movilitas.Cloud application interface. The top navigation bar includes "Movilitas.Cloud / Application / Reports & Analysis / DSCSA - VRS - Responses". Below this, there are tabs for "VRS", "Requests", "Trace Request", and "Responses". A "Failed responses" button is visible on the right. The main content area displays a table with columns: Status, GTIN, Expiration date, Batch, Serial number, and Scan date. The table contains several rows of data. Below the table, there is an "Info" section with a JSON object representing product data. Overlaid on the right side of the screenshot is a modal window titled "Update product". This modal has tabs for "Master data", "Serial management", "Aggregations", and "DSCSA". The "DSCSA" tab is active, showing fields for "VRS Responder GLN", "Verification endpoint", "Record owner", "Start expiry date", "End expiry date", "Next Record Owner", and "Status". There are also checkboxes for "Provide no reason in case of product identifier mismatch" and "Manufacturer Policy". A "SAVE" button is at the bottom right of the modal.

Additional Capabilities

In addition to VRS capabilities, Movilitas.Cloud offers comprehensive features to ensure supply chain compliance by the end of the DSCSA stabilization period. These features include:

- **EPCIS Transaction Information (TI) & Transaction Statement (TS) Exchanges:** Manage receipts from suppliers and generate files for clients, with easy client access via email invitations
- **TI & TS Trace Request Mechanism:** Efficiently handle trace requests
- **Enterprise Resource Management (ERP) & Warehouse Management System (WMS) Integration:** Seamlessly connect with ERP and WMS systems through our APIs and webhooks
- **Exception Handling:** Integrated processes for managing exceptions, including supplier communication and corrective GS1 EPCIS messages for shipping issues

Getting Started

Movilitas.Cloud

www.movilitas.cloud



VRS
Configuration

Movilitas.Cloud Registration

admin.movilitas.cloud



Movilitas.Cloud
Trace Request Demo

Movilitas.Cloud Support

support.movilitas.cloud



HDA VRS
Provider Network

Interested in speaking to one of our experts?

Contact us at indx.com | info@indx.com