

UNDERSTANDING THE VERIFICATION ROUTER SERVICE (VRS)



The US Drug Supply Chain Security Act outlines steps to implement an electronic interoperable system to identify and trace prescription drugs across the supply chain by November 27, 2023. This electronic system will leverage enhanced verification to incorporate product identification data at the package level which is inclusive of an NDC and serial number.

What is the VRS?

The Verification Router Service solution is a multi-vendor ecosystem and is used to perform the necessary interoperability between all different stakeholders to manage the acceptance, formatting and delivery of the verification requests and responses to ensure end-to-end compliance when interrogating the validity of a serial number against manufacturer records.

In order to identify suspect or illegitimate products before they can get into the hands of consumers trading partners must utilize enhanced verification to verify saleable returns, trigger investigation of suspect product, process exceptions and check product status.

Who needs to comply?

- Pharmaceutical manufacturers
- Wholesale/secondary distributors
- Dispensers
- Repackagers

Trading partners must have systems in place to identify suspect products. If suspect, the product must be quarantined and investigated together with trading partners, as applicable, to determine if that product is illegitimate. Trading partners must comply by returning a verification response to the requester within a 24-hour window.

After investigation, if the product is cleared for distribution, the trading partner is required to notify the FDA. All trading partners must retain records of the suspect product investigation for no less than six years.



The Systech traceability solution enables end-to-end supply-chain tracking from point of manufacture to point of dispensation.

You have complete item transfer visibility across your global supply chain. This—combined with the ability to connect with master data systems and regulatory databases—creates a compliant system of record for your products.

The Systech VRS solution enables trading partners to share data securely upon request of an authorized trading partner.

Systech VRS

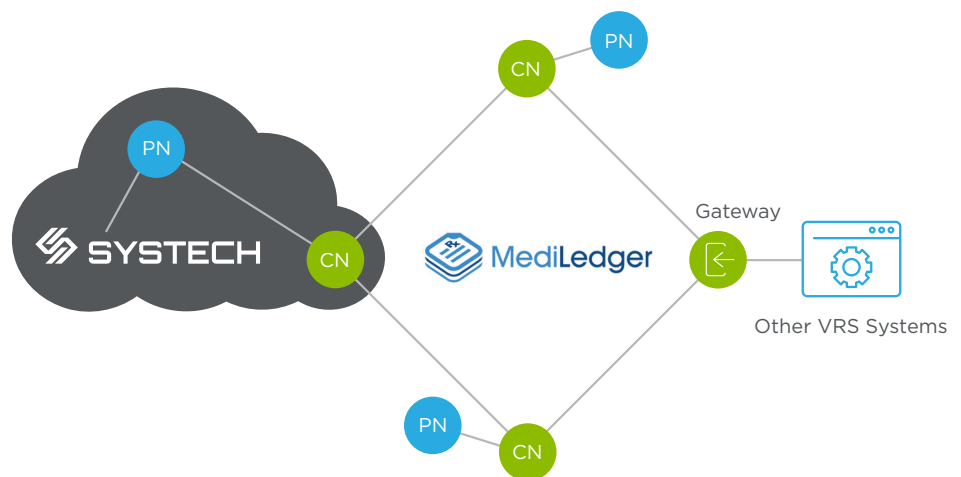
Systech played a key role in the HDA VRS consortium as well as the GS1 working group for VRS standards and messaging design. Systech has partnered with Chronicled, integrating Systech technology into the MediLedger network utilizing blockchain technology to provide a seamless solution to our customers.

The MediLedger network consists of synchronized nodes making response times within the network best in class, as well as providing a single entry point to integrate with other VRS providers.

Systech has fully integrated the solution into our product suite providing all the necessary functionalities including:

- Master data management
- Trade partner management and whitelisting
- Verification response/request
- Automatic ATP Status Verification (OCI)
- Verification Dashboard and audit features

The solution consists of a traceability instance, a Private Node (PN) and a Consensus Node (CN) within the Systech Cloud.



Do I have to be an existing Systech customer?

No. If you are currently subscribed with another Level 4 solution you can still utilize the Systech/MediLedger solution to connect your network through our Systech Cloud infrastructure.



Systech provides digital identification and traceability solutions that establish essential product data, ensure digital connectivity and enable real-time insights on the packaging line and throughout the supply chain. With decades of experience in pharmaceutical packaging execution and serialization, Systech offers comprehensive, easily configured, turnkey software solutions with reliable implementation and expert support.

Global brands across industries rely on Systech's platform to help them achieve their objectives in compliance, brand protection, resiliency and digital transformation.

GET CONNECTED

+1 800 847 7123 (toll free)
+1 609 395 8400 (local)

[SystechOne.com](https://www.systechone.com)
Info@SystechOne.com

