



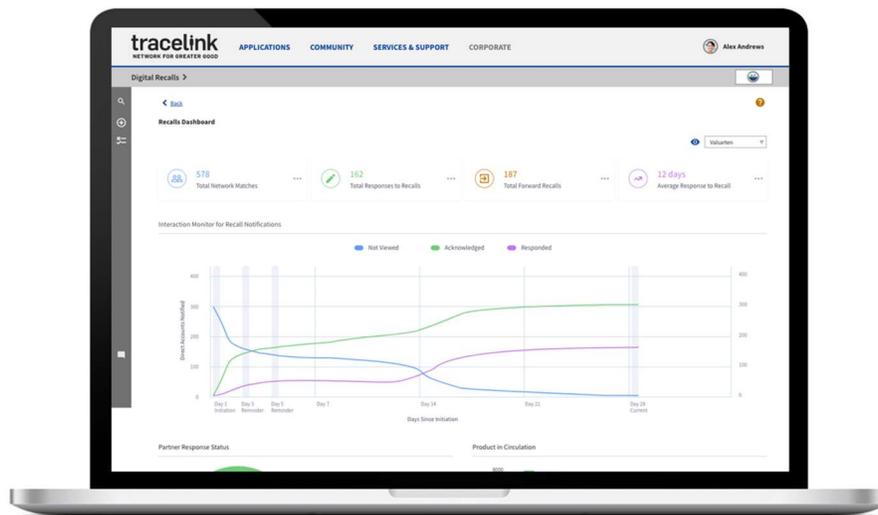
Digital Recalls for Pharmaceutical Manufacturers

Closed Loop Electronic Recalls Network

Improve Patient Safety with Digital Recalls on Tracelink's Network

The current pharmaceutical recall process is manual, time-consuming, and dependent upon paper-based methods. The complexity of the U.S. pharmaceutical supply chain means that certain partners may be hard for manufacturers to reach when issuing a recall. Additionally, the high volume of recalls that dispensers must manage leads to low response rates back to manufacturers. The result for manufacturers is high costs, unnecessarily long timeframes to close a recall, low visibility into the status of the recall, and recalled product remaining in the supply chain. Ultimately patients are put at risk by the current process.

Tracelink Digital Recalls™ revolutionizes recalls for pharmaceutical manufacturers by leveraging the Tracelink network to create a closed loop digital recall ecosystem. As part of the network, pharmaceutical manufacturers can create digital recall notifications and send same-day communications to downstream partners. A combination of serialization data and product information can be used to provide targeted recall alerts for relevant dispensers. Manufacturers can incentivize response from dispensers, resulting in fewer follow-up calls and emails to downstream partners. With Tracelink, pharmaceutical manufacturers increase patient safety by closing recalls faster, improving their recall process efficiency, and increasing recall response rates.



Digital Recalls Dashboard Showing Recall Progress

Gain Insight into Recall Progress

Currently, a manufacturer can communicate a recall only to its direct trading partners and is dependent on distributors to perform a sub-recall to the manufacturer's indirect trading partners. This prevents full visibility into recall effectiveness and recalled product

location. TraceLink's Digital Recalls application allows manufacturers to contact indirect trading partners. Along with sending same day notification of recalled products, manufacturers can monitor notification receipt and response within one application.

Close Recalls Faster with Digital Communication

Traditional recall processes for pharmaceuticals are well known for being time-consuming. The average pharmaceutical recall takes eight months to close. The reason for the long timeframe is because of slow, paper-based notifications and the overwhelming amount of recalls supply chain members are required to manage.

Manufacturers or their outsourced logistics providers currently spend extensive time following up with downstream partners for recall response and reporting, frequently through repeated phone calls and emails. The result is recall overload for dispensers, a slow response time per recall notice, and recalled product left in the market, which puts patients at risk.

With TraceLink, manufacturers send notifications and receive responses in a single digital ecosystem, resulting in faster responses and less time spent closing recalls.

Join the Recall Network of The Future

Recalling pharmaceutical products is an inefficient, costly, and time-consuming process that rarely yields 100% recovery of affected products and ultimately leaves patients at unnecessary risk. Paper-based recall processes will be left behind as the pharmaceutical industry continues to increase the exchange of electronic information as a result of the FDA DSCSA 2023 requirements. Pharmaceutical manufacturers can start optimizing and digitalizing their recall processes today by leveraging TraceLink's network and Digital Recalls application.

KEY BENEFITS

- Provide same-day communication about recalls to recipients of impacted products
- Provide dispensers the information they need to notify patients
- Improve recall response times
- Enhance FDA Recall Status Report with additional notification and response data
- Remove recalled product from the market faster

KEY FEATURES

- Track recall notification receipt and response
- Send and receive data with both direct and indirect trading partners
- Publish ongoing recall events to inform affected consignees
- Gain visibility into the status and location of recalled products with activity dashboard
- Monitor the progress of products returned by partners

Contact Us

For more information about TraceLink visit [TraceLink.com](https://www.tracelink.com) or call +1 (781) 914-4900

