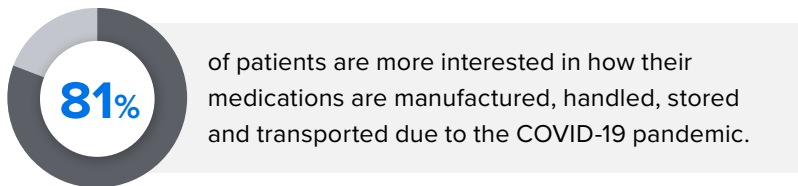


PHARMACEUTICAL SUPPLY CHAIN VISION STUDY

Improve Your Supply Chain Visibility, Agility and Resilience

Technology-led Transparency Drives Pharmaceutical Supply Chain Resiliency



Patients have an increased awareness of the vulnerabilities in pharmaceutical supply chains.

Some of the issues they reported experiencing with their prescription medications include:

- **32%** needed medication that was unavailable or out of stock
- **29%** received only a partial amount due to unavailability at the time
- **27%** found the same product at a lower price elsewhere
- **22%** did not receive their medication on time or when needed
- **21%** experienced a severe adverse side effect

Understanding the origin and end-to-end medication journey is a leading issue for patients.

Building Patient Trust Through Technology

Forward-thinking pharmaceutical-sector enterprises are harnessing the benefits of technology to improve operations and better protect patient health. Spending on enterprise devices and solutions is expected to increase over the next five years, with a focus on pharmaceutical manufacturing and supply chain monitoring tools to deliver the following benefits:

- Optimizing supply chains
- Reducing risk through proper handling, transportation and storage
- Maintaining drug efficacy, quality and stability
- Tracking and monitoring product temperature
- Complying with regulations on pharmaceutical safety guidelines

Explore track and trace technologies to provide enhanced supply chain visibility and help build patient trust.



96%

of enterprises agree supply chain visibility provides a clear competitive advantage.

The Impact of Public Health Crises and Increased Regulation

Current events and a frequently changing regulatory environment are driving the need for supply chain enhancements and transparency at every stage, from raw materials to patient delivery. Pharmaceutical industry decision-makers acknowledge that operational improvements are necessary to meet increasing regulatory compliance requirements and to protect their companies' public reputations.



Information Is Vital

76% of patients and **86%** of industry decision-makers agree that accessing supply chain information digitally makes it easier to learn more about medications.

Technology Is Key to Drive Supply Chain Transparency

Over half of both patients and industry decision-makers agree that investments in technology will provide a competitive edge in all key areas of the pharmaceutical business and across the end-to-end supply chain. Devices and technology that track medications from raw materials to patients are top industry priorities, including:

- Temperature-sensitive labels and item/batch level monitors
- Location technology
- Temperature monitors and sensors
- Mobile barcode labels and thermal printers
- Rugged scanners
- Internet of Things (IoT) and artificial intelligence (AI) technologies

What Benefits Do Industry Decision-Makers See from Technology?

- Enabling detection and response to risk posed by counterfeit or substandard products
- Keeping patients safe from compromised medications or other products
- Improving team productivity and workflow conformity
- Increasing product/asset visibility and utilization
- Empowering informed, real-time decision-making

Which transparency-enabling technologies are right for your pharmaceutical supply chain challenges? Let's build a solution together.

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