

DARVIS Digital Shelves – Frequently Asked Questions (FAQ)

Q What is DARVIS Digital Shelves®?

A DARVIS Digital Shelves is an AI-powered, computer vision inventory automation solution designed for healthcare PAR and Procedure Room Core locations. It delivers real-time, 24/7 visibility into physical inventory without manual scanning.

Q Who is it for?

A Healthcare systems, hospitals, and clinical environments seeking to reduce supply costs, eliminate manual inventory processes, and improve availability of critical supplies.

Q What challenges does it solve?

A DARVIS addresses lack of real-time visibility, manual counting, stockouts, excess inventory, expired products, labor shortages, vendor-managed inventory inefficiencies, and charge capture inaccuracies.

Q How does it work?

A High-precision PTZ cameras continuously capture shelf images. AI-driven computer vision identifies SKUs, monitors fill levels, scans barcodes and QR codes, and converts data into real-time insights via a cloud-based dashboard.

Q Does it require staff interaction?

A No. DARVIS enables zero-touch inventory management, eliminating manual scanning and data entry so clinical and supply chain staff can focus on higher-value work.

Q What insights does DARVIS provide?

A The platform delivers real-time and predictive analytics, including consumption trends, PAR-level comparisons, location-based inventory views, automated alerts, and reorder recommendations.

Q Can DARVIS automate replenishment?

A Yes. DARVIS supports automated reordering and proactive alerts to prevent stockouts, reduce emergency purchases, and maintain optimal inventory levels.

Q Does it integrate with existing systems?

A Yes. DARVIS integrates seamlessly with existing ERP and POS systems, creating a unified, accurate source of inventory data without disrupting current workflows.

Q How does DARVIS help reduce costs?

A By improving inventory accuracy, reducing waste and expiration, optimizing stock levels, and freeing staff from manual processes, DARVIS helps healthcare systems lower supply chain costs and improve working capital utilization.

Q What operational impact can organizations expect?

A Customers have achieved measurable improvements, including:

- 33% reduction in manual labor
- 50% reduction in expired products
- 50% reduction in overall inventory
- 10–15% reduction in vendor-managed inventory
- 50% reduction in capital baseline tied up in inventory
- 7% improvement in process accuracy

Q Is the solution secure and compliant?

A Yes. DARVIS complies with SOC 2, CCPA, and GDPR standards. Individuals captured on camera are anonymized through blurring or blackout methods to ensure privacy compliance.

Q Can it scale across multiple locations?

A Absolutely. DARVIS is a scalable, cloud-based SaaS platform designed to support enterprise-wide deployment across hospitals, departments, and health systems.

Q What is the bottom-line benefit?

A DARVIS Digital Shelves helps healthcare organizations reduce costs, improve inventory accuracy, and free clinical staff to focus on what matters most – patient care.

Get Started

Ready to achieve operational excellence in your supply chain? Contact us to request a demo at contact@darvis.com.

About DARVIS

DARVIS uses AI-powered computer vision for 24/7 automated inventory management for healthcare systems, providing real-time visibility that boosts operational efficiency and reduces costs. Seamless system integration ensures compliance and patient safety by preventing stockouts and managing expiration dates, freeing clinical staff to focus solely on patient care. Learn more www.darvis.com.

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