

From the Blog

Post-Sterilization Storage Services

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In regulated healthcare manufacturing, sterilization is only one part of the product lifecycle. The period that follows, between sterilization and distribution, is equally critical to preserving product integrity, compliance, and supply chain continuity.

To address this essential phase, Medistri introduces STERIDOCK™, an integrated post-sterilization storage solution designed for medical device and pharmaceutical manufacturers. STERIDOCK™ ensures that sterilized products remain protected, compliant, and accessible until they are ready to move forward in the supply chain, while minimizing unnecessary handling and logistical complexity.

A Natural Extension of the Sterilization Process

STERIDOCK™ is designed to function as a seamless continuation of Medistri's sterilization services. By allowing products to remain on-site immediately after sterilization, the number of transfers is reduced and sterility assurance is maintained within a controlled, validated environment. This approach helps limit contamination risks while preserving product integrity from processing through to distribution.

For validated customers, storage is offered on a flexible, per-pallet basis, making STERIDOCK™ suitable for both short-term buffering and longer-term inventory strategies.

Operational Control and Added Services

STERIDOCK™ combines secure storage with operational support to simplify downstream logistics. Customers have access to real-time inventory tracking via a dedicated dashboard, offering clear oversight of stored lots and pallets. Medistri's logistics team can coordinate on-demand dispatch when products are ready to ship, ensuring smooth transitions to the next supply chain stage.

Security and monitoring systems operate around the clock to safeguard stored products. For customers who choose not to use on-site storage, Medistri provides automated notifications as soon as sterilization is complete, enabling timely collection without delays.

Optimizing the Post-Sterilization Phase

Developed to meet the demands of regulated healthcare manufacturing, STERIDOCK™ helps reduce logistical complexity while maintaining high standards of quality and compliance. By integrating storage directly after sterilization, Medistri supports safer product handling, improved supply chain efficiency, and greater operational flexibility.

To learn how STERIDOCK™ can be integrated into your supply chain or to discuss your specific storage requirements, please contact your dedicated Customer Success Specialist or contact us at customerservice@medistri.com.

– The Medistri Team

#Medistri



Why Choose STERIDOCK™?

STERIDOCK™ supports continuity, efficiency, and compliance across the post-sterilization phase. Keeping products within Medistri's controlled infrastructure reduces transport movements and handling steps, while ensuring consistent quality oversight from sterilization to dispatch.

The service also contributes to cost and time efficiency by supporting just-in-time inventory strategies and high-volume storage needs. Validated customers benefit from real-time inventory visibility through a personalized dashboard, enabling transparent tracking and simplified coordination.

All storage activities are aligned with regulatory requirements and supported by comprehensive documentation. This ensures audit readiness and full traceability, providing confidence during inspections and regulatory reviews.

Storage Environments Adapted to Your Products

STERIDOCK™ offers multiple storage environments designed to match the specific requirements of different healthcare products.

- Temperature-sensitive products can be maintained in cold storage with continuous monitoring to ensure stable conditions.
- For products requiring standard room-temperature conditions, ambient storage solutions are available, including extended options through trusted third-party partners.
- For more sensitive materials, climate-controlled environments provide stable temperature and humidity.

Custom storage configurations can be developed in close collaboration with your teams to meet precise technical or logistical requirements.