# MedTracker - Release 7

**Pharmaceutical manufacturers must ensure compliance with the regulations of all export countries and efficiently manage the vast amount of data generated by individual product codes. MedTracker provides a flexible, powerful and highly secure solution for product authentication and Track & Trace that meets all current and upcoming global regulations while seamlessly integrating into existing manufacturing processes and software systems.**

## New Features

**Platform Upgrade**
All services and client applications have been successfully migrated to SUSE Linux Enterprise Server 15 (SLES 15), Qt 5, and Oracle 19c. This strategic upgrade lays the foundation for long-term platform stability, enhanced performance, and seamless integration with modern IT environments.

By adopting the latest versions of the operating system, the UI framework, and the database management system, we ensure a more secure, maintainable, and future-proof infrastructure - ready to support current and future business needs.

## R 7.1



### Smarter Data Management with the New Archiving Feature

The new Archiving feature introduces a smart way to organize data within the database by separating it into different archiving levels. In client applications, users can now filter data based on these levels, significantly improving data loading times by minimizing the amount of data needed, especially in environments with large data volumes.

This enhancement empowers users to focus on what truly matters by displaying only the relevant entries. Access to archiving level filters is permission-based, ensuring data security and compliance with user roles.

### New Statistics Application for Powerful Data Insights

A new client application, designed specifically to generate and visualize meaningful statistics from both production and EMVO data, is now available within **MedTracker**.

This application offers intuitive access to key performance and compliance metrics, enabling users to create targeted analyses across several critical data areas, including Products, Orders & Reports as well as EMVO Master & Pack Data and EMVO Alerts & Reports.





### Cross Order Aggregation

The Aggregation feature has been extended to support the creation of shipments that include containers from multiple orders. This update adds a new level of flexibility to your logistics and packaging processes by removing the limitation of single-order shipments.

Now, users can efficiently group containers from different orders into one shipment, streamlining operations and reducing handling effort, without compromising traceability or compliance.

SeriSoft

# R 7.2



## MedTracker now supports PostgreSQL – a powerful, free, and open-source database system known for its extensibility and full SQL compliance.

This integration enables significant cost savings: no acquisition costs, license fees, or separate support contracts. Patching is aligned with OS updates, minimizing maintenance effort.

## Ensure Maximum Uptime with the New Monitor Service and Client

### Monitor Service

The new Monitor Service continuously checks the status of server services and automatically restarts any that stop or fail, ensuring maximum uptime and system reliability.

### Monitor Client

The accompanying Monitor Client gives users a clear overview of all running services. It also allows manual control to start or stop services, providing greater flexibility and control over server operations.





## All-in-One Support Access with the New Service Application

A new Service application lets customers view and access all available support channels directly within the app. With just one click, users can contact the service team, making support faster and more convenient.

### Customizable Configuration

The application's default setup can be customized, allowing support options to be tailored to each customer's needs. This ensures users always see the most relevant service channels.

## Central Scanner Connection for all MedTracker GUI Applications

A new feature enables seamless barcode scanner integration across all MedTracker client applications. The scanner automatically sends data to the application currently in focus, whether for input or filtering.

This allows users to share a single scanner across multiple GUI applications without closing or restarting them, streamlining workflows and boosting efficiency.





## Improved Traceability with Item Status History in Codes

Quality responsible personnel can now view the status history of an item or code in a dedicated display within the Codes application. This feature enhances traceability and enables targeted analysis in quality management.

### User-Friendly Display

The history of items is clearly shown in the toolbox, enabling users to quickly and easily access past status changes. This promotes more efficient monitoring and quality control.

# R 7.3

## Automated Handling of Pending Tasks

A new L2-XOF3 enhancement enables the system to automatically grab tasks in "pending" state, assign them to a suitable machine, and start execution without manual input. This marks a significant step toward fully automated shop floor operations.

By eliminating manual task handling, this feature reduces delays, minimizes human

## Support for QR-Vet Pattern

**MedTracker** now supports the QR-Vet pattern, allowing users to safely generate Unique Scopes and Pools based on predefined and validated formats. This enhancement ensures standardized code structures and minimizes the risk of manual errors.

## Enhanced Cryptographic Security with OpenSSL 3

**MedTracker** now integrates OpenSSL version 3, enabling enhanced cryptographic security and modern protocol support. This update introduces the TLSv1.3 handshake protocol, a new public key infrastructure (PKI) with a renewed root certificate using RSA 1024 and SHA-256 signature hash, along with updated dependent certificates.

As a result, the OpenSSL security level is raised, ensuring improved data protection and compliance with current security standards in regulated pharmaceutical environments.


| Website | Phone | Email | Address |
| --- | --- | --- | --- |
| *www.serisoft.de* | *+49 5251 54656-0* | *info@serisoft.de* | *Hohenloher Weg 37*<br>*D-33102* |