SeriSoft

# 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.**

| Key Features | Benefits |
|---|---|
| Complete Track & Trace<br>Product Authentication<br>Complete Production Management Platform<br>Aggregation Support<br>Customized Workflows<br>Product History | Efficiency & Stability<br>Security & Regulatory Compliance<br>High Flexibility<br>Open Interfaces<br>Intuitive Operation |

## Specifications

- Internationally compliant code generator based on random numbers
- Generation and secure storage of e-pedigrees
- Handling of code pairs, triplets, etc.
- Support of multi-level coding (aggregation)
- Code reading apps for Android and iOS
- Customized reports
- Internationally compliant audit module

## Technical Data

### Operating System:

SuSe Linux Enterprise Server
- SuSe SLES 15 SP6 (SP7)

SuSe Linux Enterprise Desktop
- SuSe SLED 15 SP6 (SP7)

Windows Client Computer
- WIN 11

### Database System:

Oracle 19c (or 23ai, if available)

OR

PostgreSQL

### Interfaces:

- File-based transfer interfaces (ftp, sftp, shared folders) with supported formats csv, txt, XML, binary
- HTTPS protocols and web services (SOAP) using WSDL, XSD
- XML-based order and product interfaces
- Customized filter

## Security:

Built-in 3-layer security (with or without HSM security modules):

- dedicated rules & roles access control
- encrypted data security
- secure data entry

## Client Workstation:

Minimum requirements for **Product Preparation Client Workstation**:

- CPU: Intel Core i5-4590T
- RAM: 8GB main memory
- Disk: minimum 128GB HD (SSD recommended but not mandatory)
- RS232 connector (not mandatory, please inform when not available)
- Windows 11 64-Bit OS

## Server:

Supplying of two **Virtual Server for SLES 15:**

| Application Server | Database Server |
|---|---|
| 8 Cores | 8 Cores |
| 16 GB RAM | 16 GB RAM |
| 100 GB HDD | 300 GB HDD |

For "small" installations (only one DIGILINE), both servers will be combined in one server:
Application / Database Server combined:
8-16 Cores
24GB RAM
400GB HDD

Supported virtualization environment is VMware vSphere 7.x or higher or Hyper V.

Typical server hardware for a single server would be e.g. HP DL 360/380 series.

The virtual server must have a ping time <10ms.

Minimum requirements for the **Physical Host for the MedTracker VM:**

- Intel Xeon CPU – 8 core (16 core preferred)
- 24 GB Ram or more (32 GB preferred)
- RAID HDD – at minimum 500 GB usable disk capacity (1TB preferred)
- DVD drive
- Redundant power supply
- Operation system VMware (others on request)


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