

## 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

Complete Track & Trace  
 Product Authentication  
 Complete Production Management Platform  
 Aggregation Support  
 Customized Workflows  
 Product History

### Benefits

Efficiency & Stability  
 Security & Regulatory Compliance  
 High Flexibility  
 Open Interfaces  
 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 10 / 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)