



## LM Dental Tracking System™ Server

LM Dental Tracking System™'s (DTS™) server is used to record, track (chosen) and verify usage cycles of (chosen) activities made to articles registered in the system. Articles can be different kinds of hand instruments and/or materials.

The DTS™ consists of a server and one or several readers connected to it. The communication is encrypted (HTTPS) between the readers and the server in JSON format. Readers record activities on the server and get configurations from the server.

Users can be given access to the server in order to access web-based UI, e.g. to view logs and configure the system. The communication between server users and the server is encrypted (HTTPS).

All LM-Dental™ hand instruments are automatically entered into the system by performing an activity on the reader. This method and the technical requirements will be shared with LM-Dental™ partners who are interested in getting their products onto the system.



**LM Dental Tracking System™** is a solution for challenges in dental material handling, logistics and traceability. Scan the QR and see the animation!



Visit [www.dentaltracking.com](http://www.dentaltracking.com) for more information and videos





## Technical Specifications

Server as Cloud Service	
Supported Browsers	
Web browsers:	Google Chrome 23 or newer Safari 6 Windows Edge Mozilla Firefox 17 or newer Opera 15 or newer
Mobile:	Android 2.3 or newer, iOS 5 or newer
Standalone installation	
Operating system	Linux Ubuntu 18.04 (Recommended) or Windows server (Optional)
Deployed Software Components	Java vs1.8.0 (Java8 support needed) Wildfly Application Server 17.0.1 Mariadb 10.5.9 Docker Platform tools
Hardware Recommendations	Virtual server: on Standard D2s v3, vCPUs 2, 8 GiB RAM, Disk: Premium SSD, Size 30GiB, Max IOPS 120, Max throughput 25 MBps, Encryption: SSE with PMK Physical server: Intel® Xeon® E5-2673 v3 2.4 GHz (Haswell) , 8Gb RAM, RAID 10 (either SSD or SAS disks), minimum Size 30GB