

LOWTeq GmbH | Widdersdorfer Strasse 236 - 240 | 50825 Cologne

Cologne the 16.09.2022

Urgent safety information

Security patches for **LOWTeqpdms**

Sender

LOWTeq GmbH
support department
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Addressee

IT departments of the customers of LOWTeq

Identification of the medical devices concerned

All versions of LOWTeqpdms are affected.

Description of the problem including the identified cause

In the course of a security test (also penetration test) a vulnerability in LOWTeqpdms was identified. This vulnerability was already disclosed in advance in the vulnerability disclosure letters:

- LOWTEQ_PDMS_VU_2022/02: Security Misconfiguration- SMB Shares

Description of LOWTEQ_PDMS_VU_2022/02

The SMB shares are primarily used to store the PDMS configuration data (rules, scores, billing catalogs) and the PDMS archives to be distributed. If necessary, the .pdf documents for dispatch by the interfaces are also stored here. These SMB shares are partially insufficiently protected against unauthorized access.

This vulnerability requires that the attacker has penetrated the internal network and has access to the server where the SMB shares are set up.

Impact

Through write access to network drives, for example, malware can be introduced onto the customer's systems. Every employee who accesses this data (e.g. application data in the Client folder) could possibly open his system to the attacker.

Risks

The risk for patients is classified as **Low** due to the very specific attack scenario, which requires both access to the internal network infrastructure and very specific knowledge with low damage severity.

The CVSS 3.1 scores for this vulnerability (calculated with NVD - CVSS v3 Calculator) are 5.9 (Base) and 5.5 (Temporal), Overall (3.6). Low. (see CVSS v3.1 Specification Document)

AV:N/AC:L/PR:H/UI:R/S:C/C:L/I:L/A:L/E:F/RL:O/RC:C/CR:M/IR:L/AR:M/MAV:N/MAC:L/MPR:H/MUI:R/MS:C/MC:N/MI:H/MA:N

There is no risk for already treated patients, users or third parties.

What measures are to be taken by the addressee

A configurational change must be made to secure the SMB shares. Detailed instructions on how to do this are included with this security information.

In the meantime, no additional measures need to be taken. The operation of LOWTeqpdms is safe. The configurational change can be performed by you independently of updates.

Disclosure of the information described herein

Please ensure that all users of LOWTeqpdms and other persons to be informed are made aware of this **Urgent Safety Information**. If you have given the products to third parties, please forward a copy of this information or inform the contact person listed below.

Please keep this information at least until the action has been completed.

The Bundesinstitut für Arzneimittel und Medizinprodukte has received a copy of this "Urgent Safety Information".

Contact

Contact person is the head of support: Mr. Andreas Heidenreich
Mr. Heidenreich can be reached via the support e-mail address, the telephone number given is
manned 24 hours a day-.

