

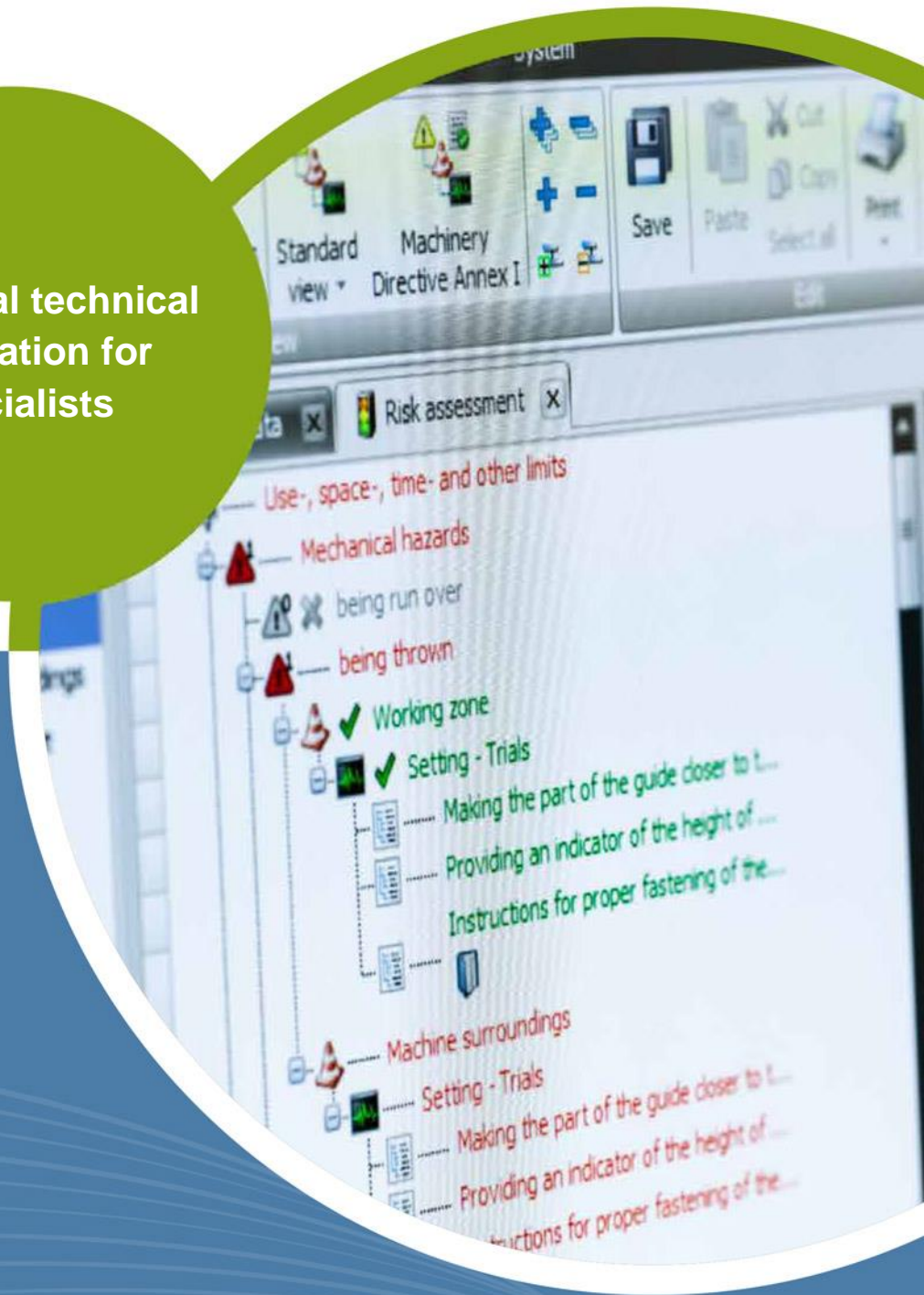
# Safexpert system requirements

for IT administrators

Version: 2024-11-28

Additional technical  
information for  
specialists

**Safexpert**



# 1. System requirements

Version: Safexpert 9.1 (Servicepack 2)

## 1.1. Useful information before installation

Safexpert is based on a database that is created during the installation. The database system used has a strong influence on working with Safexpert. By default, these systems are supported:

- Local database (this is a file-based database system). This is part of the Safexpert installation and can be installed without further preparation.
- Microsoft SQL Server (with and without Windows authentication) – supported versions: 2016, 2017, 2019, 2022).

**Important: The Microsoft SQL Server must be installed before starting the Safexpert installation.**

The choice of database system depends on the environment of use of Safexpert. Especially for network installations where several people work with Safexpert at the same time, the use of a database server (SQL Server) is recommended!

## Cloud-based SQL servers

Safexpert can also be used in conjunction with cloud-based SQL servers.

In principle, you can use all cloud providers that offer a fully featured SQL server according to the criteria listed under **Minimum requirements**.

The list of reliable providers includes

- Microsoft Azure SQL: <https://azure.microsoft.com/de-de/services/sql-database/>  
**Please note:**  
Microsoft Azure SQL offers three service tiers: "General Purpose," "Business Critical," and "Hyperscale." Our experience shows that the "General Purpose" tier is only sufficient for very occasional use of Safexpert. For smooth and reliable performance, we strongly recommend choosing at least the "Business Critical" tier or higher.
- Amazon Web Services: <https://aws.amazon.com/de/rds/sqlserver/>
- Google Cloud: <https://cloud.google.com/sql-server?hl=de>

**Important: We do not provide operation, management or support for the servers of these and other third-party providers. The respective provider is solely responsible for them!**

## 1.2. Minimum requirements

- Processor: 64-bit (x64) with 1,4 GHz clock frequency
- 64-bit operating system: Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022
- Main memory: 4 GB
- Minimum of 500 MB free hard disc space, plus storage capacity for data
- Graphics resolution: min. 1024 x 768
- Installed .NET 4.8 Framework

**When using a Microsoft SQL Server, the following additional requirements apply:**

- Microsoft SQL Server, version 2016, 2017, 2019, 2022 (32- or 64-bit)  
The following editions can be used:
  - SQL Express

- Developer Edition
- Standard Edition
- Enterprise Edition
- A stable network connection with a minimum bandwidth of 1 MBit

### 1.3. Recommended requirements

- Processor: 64-bit (x64) with a minimum of 2 GHz clock frequency (multi-core processors)
- Main memory: 8 GB (or more)
- Internet access (for standard actualization, document search (standards, checklists, cross-reference lists, ...) on the Safexpert Live Server, etc.)
- Microsoft SQL Server for multi-user installations
- MAPI- compatible mail-client or SMTP Server for e-mail notifications
- Microsoft Word 2003-2021 for the use of the instructions assistant. Not compatible with the starter edition
- Microsoft Office from version 2010 for the NormAnalyzer Add-ins
- Windows Installer 4.5 or higher