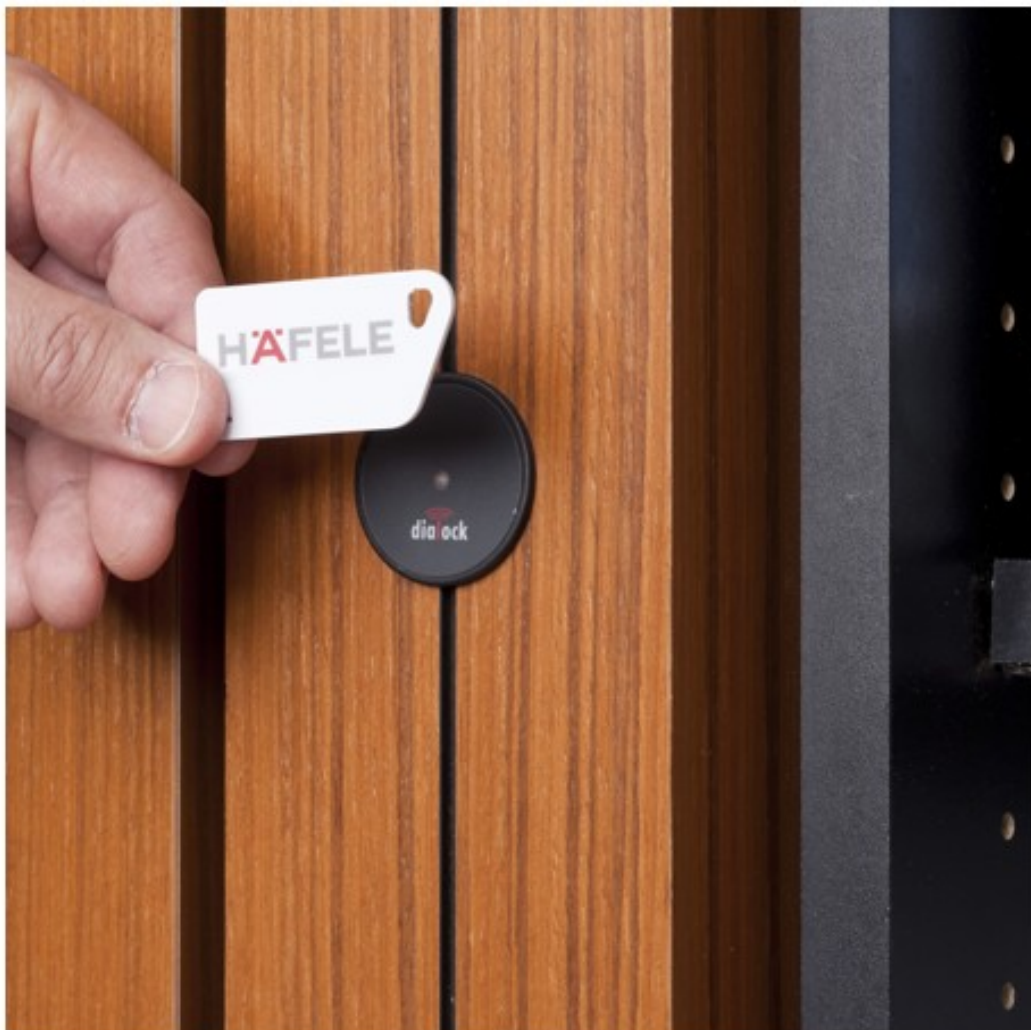


HAFELE 8.2 Access Dialock Control System Instructions

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HAFELE

8.2 Access Dialock Control System
Instructions



SYSTEM REQUIREMENTS
Access control system Dialock 2.0

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8.2 Access Dialock Control System

Requirements for the installation and the operation of Dialock Software CONTROL, HOTEL and PROFESSIONAL Dialock provides an automated setup program for system on which none of the components below are already installed.

In case there is already a SQL server installed a special, adapted installation has to be carried out.

The setup on a machine with a Desktop Operating System is principally possible, but thereby limitations regarding performance and availability are possible.

The hardware requirements (server/single user installation) are:

Processor	x64 Quadcore-Processor / 2 GHz or faster Intel Core I3 / 6xxx or higher Intel XEON E3 or higher AMD Ryzen, Opteron X, EPYC
RAM	8 GB or larger
Hard drive size	50 GB or larger

Note:

The hardware requirements also depend on the size of the system and especially on the number of online terminals used.

Supported operating systems (64-bit only):

- Windows Server 2016
- Windows Server 2019
- Windows 10 (2004 or higher)
- Windows 11
- Windows Server 2022

When using Windows 11 / Windows Server 2022, it is essential to observe the system requirements from Microsoft.

The use of a mini-PC, laptop or desktop operating system as a server is not recommended.

This may lead to restrictions in terms of performance and availability.

Database

Microsoft SQL Server 2019 Express is included and installed by default.

The usage of an already installed SQL servers is possible. Microsoft SQL Server 2012, 2014, 2016, 2017 and 2019 can be used.

Concerning the system requirements of the SQL database system, the manufacturer's specifications (Microsoft) must also be observed.

.NET Framework

The use of Dialock HMS requires .NET 4.8.

Java Compatibility:

The software requires a 64bit JAVA Runtime Environment (JRE) version 11.

AdoptOpenJDK 11.0.9.1+1 is installed. The use of other Java versions is possible in principle.

System requirements client:

The operator software be used with the following browsers:

Microsoft Internet Explorer 11

Microsoft Edge from version 79

Mozilla Firefox from version 78

Google Chrome from version 80

Safari from version 13

Other browsers can also be used, but these are not explicitly tested. Recommended monitor resolution at least 1680 x 1050 pixels.

To communicate with the MDU 110 data transfer unit, a supplied service must be installed on the client PC to which the MDU 110 is connected. However, this is only possible under a Windows operating system. Furthermore, a USB connection type A is required.

Java compatibility:

The software requires a 32bit JAVA runtime environment, which is also installed.

SSL certificate:

The Dialock software can be installed or configured for both HTTP and HTTPS access (default is https). In the course of the installation, a certificate is created that must be registered manually depending on the browser used.

Network information:

Used ports:

Component	Port
Dialock 2.0 Software	80, 443, 8443
ES110	80, 8443
UniversalClient	Webserver-Port (Websocket-communication)

Optional for online systems:

WT 200..... 8888

Optional when using the HMS interface:

Dialock 2.0 Software	7777, 7778
Administration	17200–17203
Monitor Service	17200, 17207
Client configuration	17200
Key Manager	10815, 7777, 7778
Key Writer	10815
FIAS Service	PMS-Port
Site Agent	Websocket-communication to the Credential Service
Websocket adapter	Websocket-communication to the Cloud Server

The overview describes the ports used in a standard installation. Many of these ports can be changed in consultation with the installing technician.

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Documents / Resources

	<p>HAFELE 8.2 Access Diallock Control System [pdf] Instructions ZN 6.162.010.90f, 732.29.431, 8.2, 8.2 Access Diallock Control System, Access Diallock Control System, Diallock Control System, Control System, System</p>
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