

# Connector for Microsoft Exchange® and Office 365®

Document Exchange Server and Voicemail solution for a seamless connection to local Microsoft Exchange infrastructures and Exchange Online

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Users should not be influenced by the use of complicated programs when choosing the right communication path. The decisive factor is the type of information to be conveyed and the target person or company. Therefore the products of Ferrari electronic provide a deep integration into leading server applications, allowing users to use their familiar desktop programs.

This integration is still possible with solutions in and from the cloud.

There are numerous scenarios for connections to the cloud. For this purpose, the Connector for Exchange can be set up in various operating modes. The individual "systems"

- Active Directory,
- OfficeMaster Suite and
- Microsoft Exchange Server

can all be operated at different locations.

This results in three basic modes for connecting to the OfficeMaster Suite.

## On Premises

Here we can reduce two scenarios to one mode. For the connection of the Active Directory and the Exchange Server to the OfficeMaster Suite, it is irrelevant whether all three systems are located in a local network or a central data center. It always provides full access to user data and the Exchange Server.

## Hybrid

Two scenarios are also combined in hybrid mode. In both cases the OfficeMaster Suite is installed in the local network and the user data can be accessed in the local Active Directory. However, complete access to the Exchange Server cannot be guaranteed. In such cases, the global

(UMS) configuration data for the company is stored locally on the OfficeMaster Suite and messages are received from the e-mail server via Exchange Web Services.

This mode can be used to connect to Office 365 Exchange Online.

## Cloud

In the configuration for the cloud, the OfficeMaster Suite is deployed in the local network, in a data center or in a cloud. There is no separate Active Directory for the user data. All user data and mailboxes are located in Office 365 Exchange Online. Access is provided via Exchange Web Services (EWS).

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## Display in the Users Mailbox

The content of received text messages is included in an e-mail without attachment. In the case of a fax message, the actual fax is attached to the e-mail. The user receives voice messages in the form of e-mails (caller information) with a file attachment to the recorded message.

When sending a message e.g. from Outlook, the user enters the SMS or fax number from existing contacts in the "To", "Cc" or "Bcc" field and writes the desired text in the text field of the E-Mail.

Of course, the user can also attach documents in the common Office formats or as PDF files when sending faxes. The message is converted into a "faxable" format by the OfficeMaster Server (central conversion) and sent with the settings configured for the user for ID, stationery, signature and cover sheet.

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### Additional Facts

- Use of any mail client for fax, SMS and voicemail, incl. mobile devices
- Remote inquiry of the voicemail box via telephone or e-mail client
- No additional software training required for users
- Direct connection to SIP trunks or IP telephone systems
- Convenient AddIns for Outlook 2016 and later as well as Outlook Web Access
- No software installation and configuration on the Exchange Server necessary
- Administration of user data in the "OfficeMaster System Administration Console" (connected to the cloud via "Remote PowerShell") or "Active Directory Users and Computers"
- Optional extension licenses allow concurrent operation of multiple connectors
- The modes OnPremise and Hybrid require a domain membership or a trust position to the directory of the connected Exchange

### Data Storage

- All system parameters for the OfficeMaster system are stored locally on the server in configuration files and the registry
- Settings for the connectors are located on the server with the OfficeMaster Suite installation or in the Active Directory
- Storage of the user configuration data in the local Active Directory (without schema extension) or in the user's mailbox
- Storage of documents, fax, SMS and voice messages in the message memory of user mailboxes

### Prerequisites

The solution requires Internet access or port activation for the OfficeMaster Suite to send the messages to the connected Exchange Server.

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### Included Functions and Components

The OfficeMaster Suite base license includes:

- One connector for connection to e.g. Microsoft Exchange (Online)
- Two line licenses
- File interface
- Printer interface
- Archive interface
- PCL Converter (OFM.78000 and OFM.78250 only)

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### Minimum System Requirements

#### E-Mail-Server

- Microsoft Exchange Server 2010 or newer

#### E-Mail-Client

- Microsoft Outlook 2013 or newer  
(Only required when using AddIns)

#### Communication Interfaces

- DirectSIP (Function contained in the software for connection to SIP trunks and IP PBXs)
- OfficeMaster Gate in all current versions

#### Recommend Hardware in Standard Environment

- x86/x64 Processors, 2,4 GHz
- 4 GB RAM of free RAM
- 30 GB of free hard disk space

#### Operation Systems

- Windows Server 2016
- Client systems: Windows 10 (Installation on client systems is only necessary if a local printer driver installation is required.)