Documentation

MusicMaster Scheduling Professional Edition: Setups with the intent to access from home

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Document History

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1. Introduction

MusicMaster Scheduling Professional can be installed in many ways.

The installation of the software has multiple components:

- The software: MusicMaster Scheduling Professional Edition
- The database: Here we have a choice of file-based or Microsoft SQL-based databases
- The interfaces: Schedule export, library import, library export and reconciliation
- The API services: MusicMaster Nexus API with communication service MusicMaster Nexus Server or MusicMaster Plus Sever
- The MusicMaster license: Either with a green single-user dongle or a red centralized server network dongle

The components of MusicMaster Scheduling do not all have to be in the same physical location and might be used inside and outside a corporate network.

When talking about location we are referring to information that is required and accessed / produced by the software, such as license, schedule export files and as-run files.

This document outlines a typical general installation of the software and options to adapt this installation for accessing the software from home. Should none of the outlined setups be possible, please contact our support@onair.de. We are happy to help.

2. General Installation
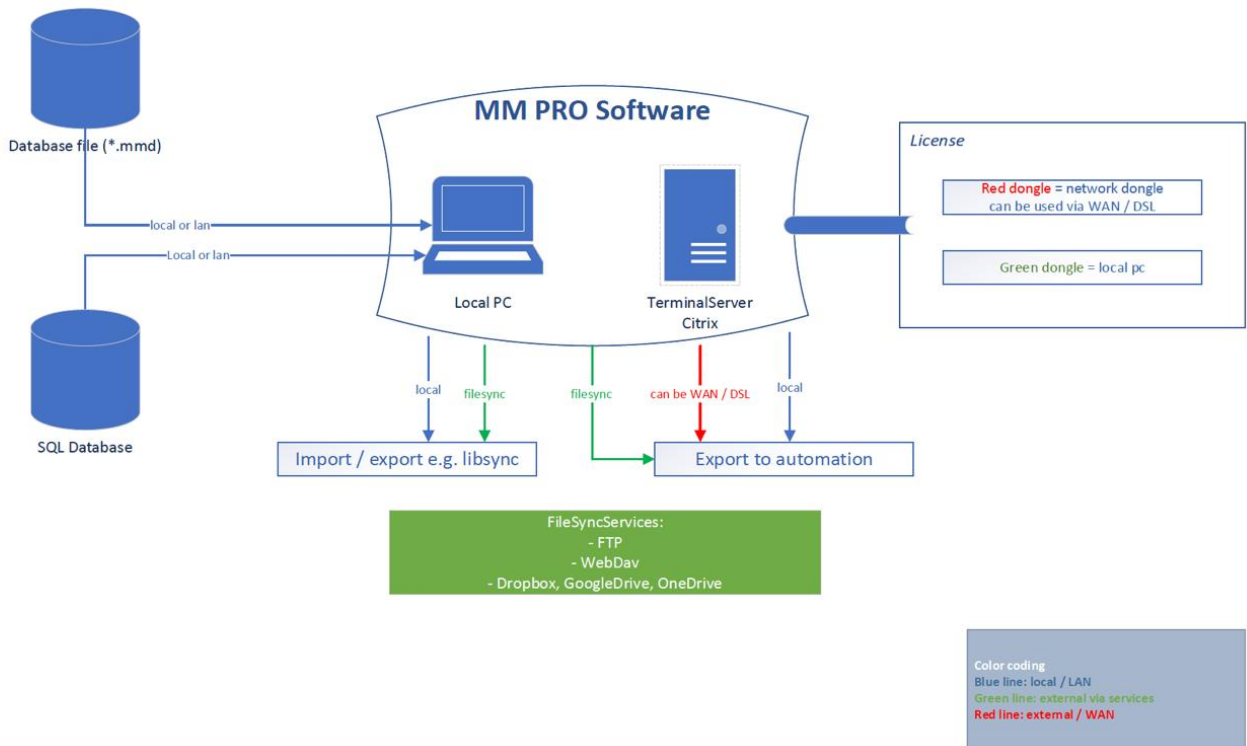
MusicMaster PRO Installation

Fig. 2.1: General Installation

Please note:

Under no circumstances should MusicMaster's database be accessed via a Wide Area Network (WAN) from the point of view of the application / software is not designed for this.

If a long-term setup of that nature should be required please contact sales@onair.de regarding MusicMaster Scheduling Client-Server Edition.

Corporate network is a synonym for the main installation. This can also of course be on cloud services such as Microsoft Azure or own cloud solutions, which are not covered in this document but are essentially equivalent to the diagrams shown in this document.

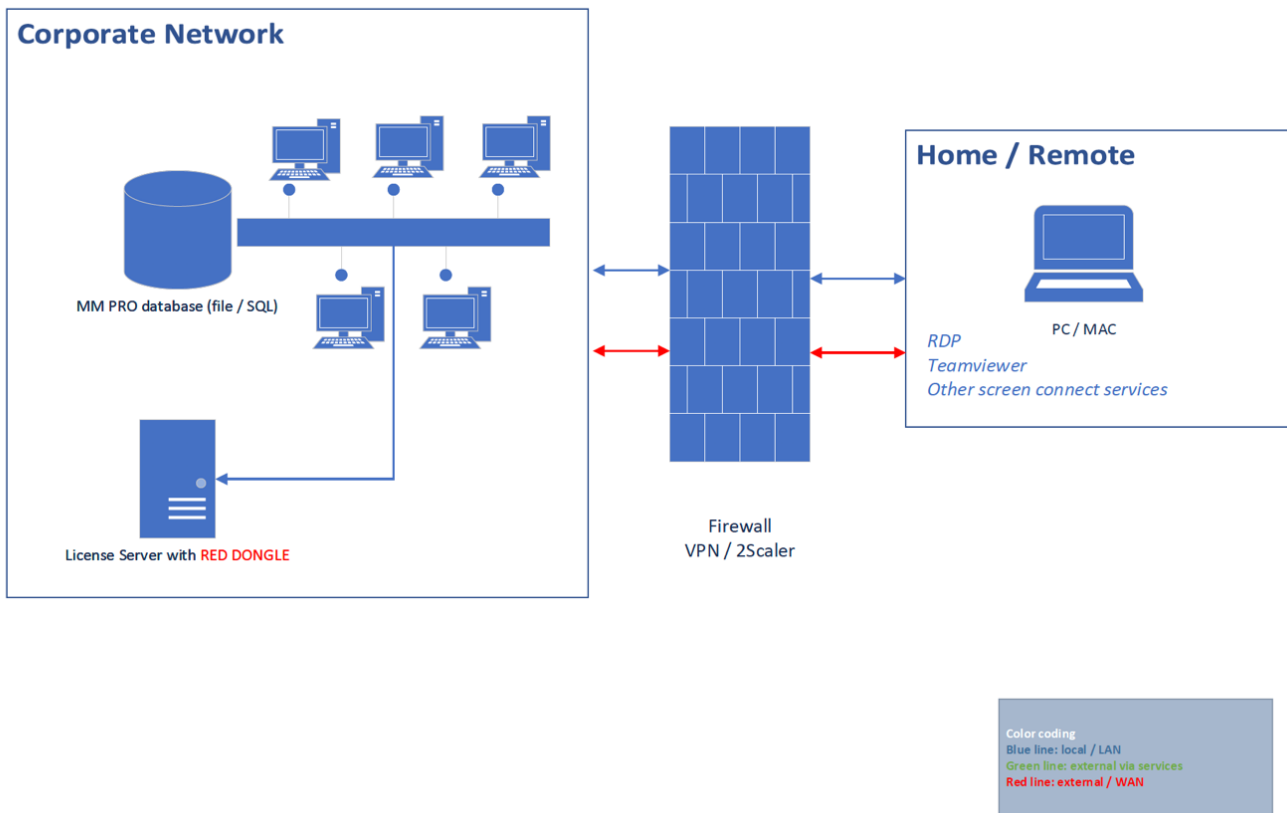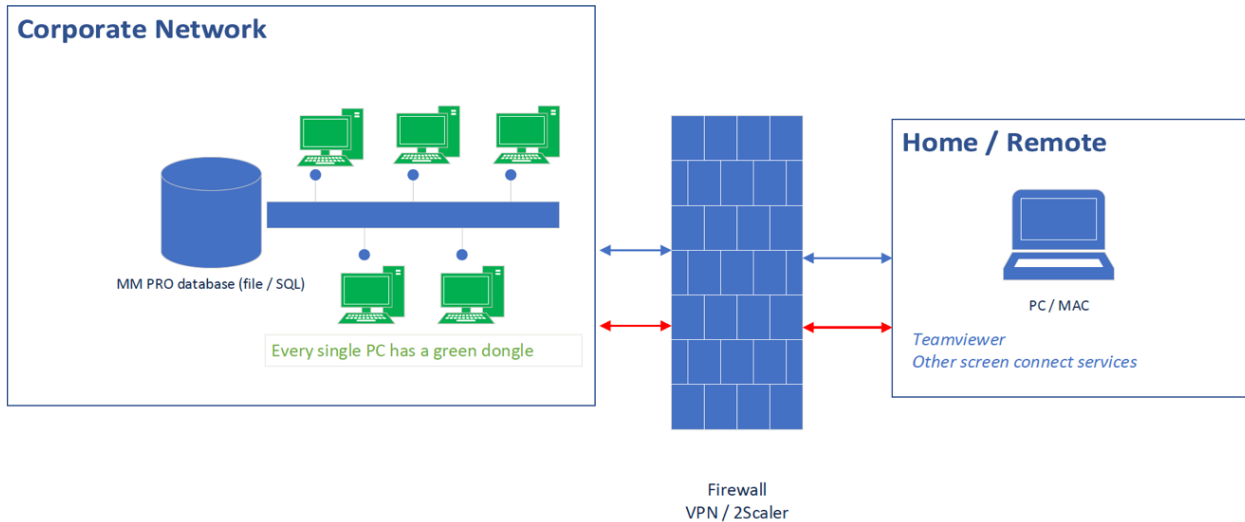## 3. Permanent: Installation with a network dongle, accessed from home

Fig. 3.1: Installation with a network dongle

The installation is such that all intelligence (software, license, data flow) sits inside the corporate network. The external user accesses the installation / software by means of remote connection tools from any type of computer or tablet supporting the means of connection, e.g. Teamviewer, Remote Desktop etc.

The installation is secured by the corporation via means of VPN or other protective measures. The home / remote Installation only requires the security tools and connection tools provided by the corporation.

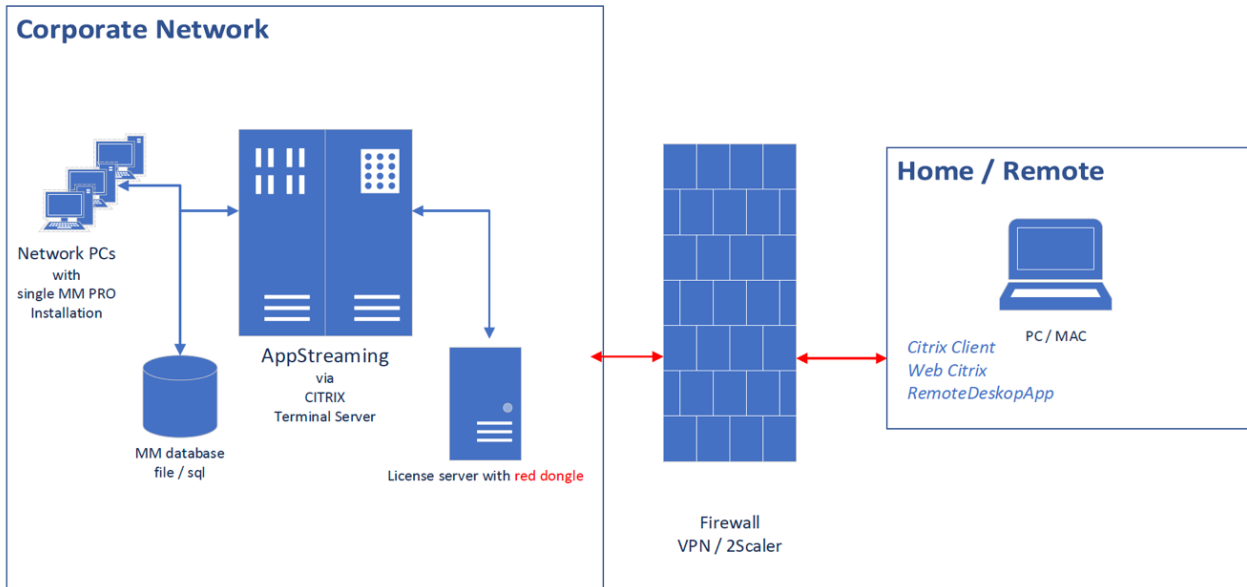# 4. Permanent: Installation with a single-user dongle, accessed from home

Fig 4.1: Installation with a single-user dongle

The installation is such that all intelligence (software, license, data flow) sits inside the corporate network. The external user accesses the installation / software by means of Remote connection tools from any type of computer or tablet supporting the means of connection, e.g. Teamviewer, Anydesk etc. **RDP cannot used in this scenario.**

The installation is secured by the corporation via means of VPN or other protective measures. The home / remote Installation only requires the security tools and connection tools provided by the corporation.

5. Permanent: Installation with a network dongle utilizing virtual desktops and/or app streaming, accessed from Home

Fig. 5.1: Installation with a network dongle utilizing virtual desktops and/or app streaming

The installation is such that all intelligence (software, license, data flow) sits inside the corporate network. The external user accesses the installation / software by means of remote connection tools from any type of computer or tablet supporting connections to a virtual desktop or accessing a streamed application.

In the case of Citrix utilization, the software can also be made available via HTML5 interface and not require other means than a modern web browser.

The installation is secured by the corporation via means of VPN or other protective measures. The home / remote installation only requires the security tools and connection tools provided by the corporation.

6. Temporary or permanent: Installation with a network dongle utilizing a local database copy, accessed from home
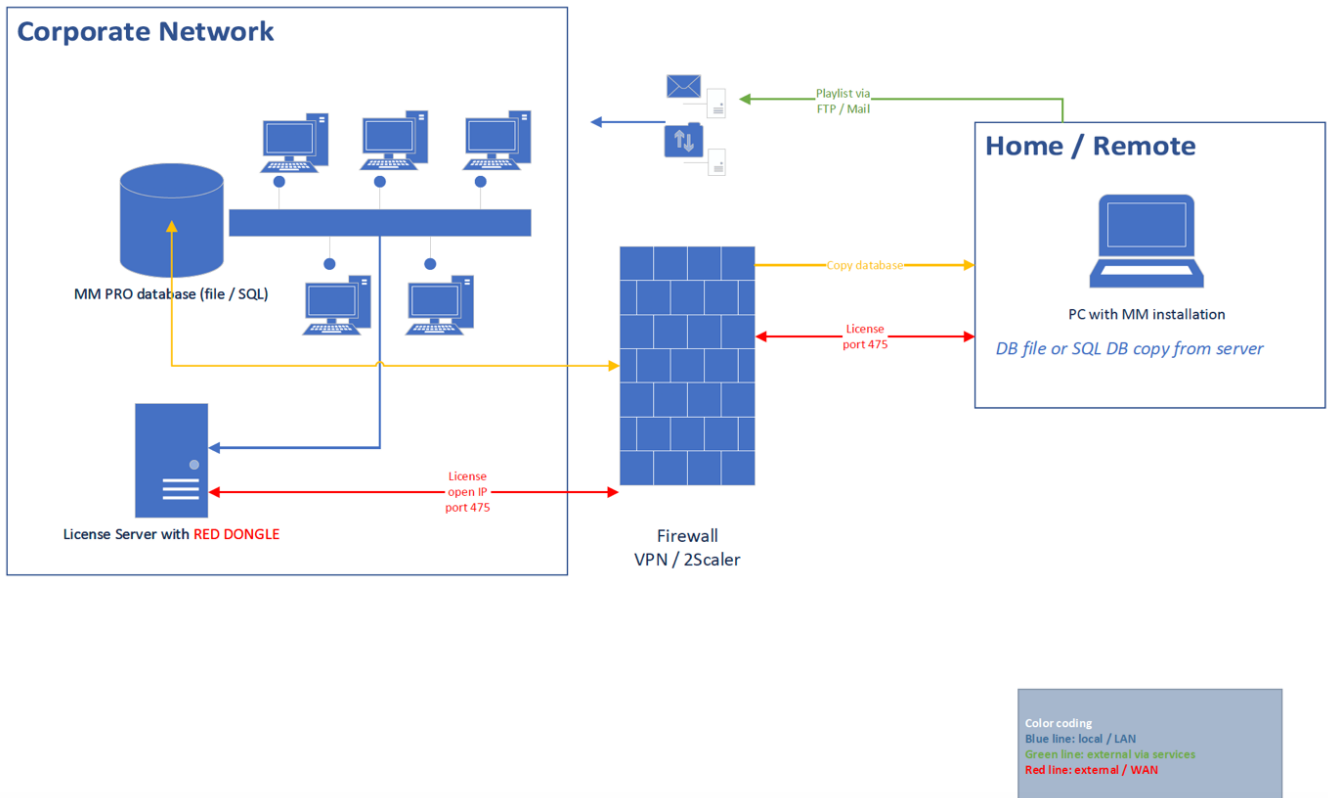

Fig. 6.1: Installation with a network dongle utilizing a local database copy

The installation is such that the software sits outside the corporate network. The license is retrieved in the off-site installation via online connection. The connection is capable to provide the communication to the license server of MusicMaster Scheduling inside the corporate network on port 475 and an IP address.

The corporation needs to allow the access via firewalls and other security measures. The external user accesses the software via local windows PC installation running the software.

The database of MusicMaster is also hosted on the same PC, limiting access to a single user per station. Should an Enterprise database be used, then this database should also be on the same machine.

The schedules produced by the external user can then be mailed to a recipient inside a network, exported to a UNC path / Web DAV inside the network and made available by the corporate IT. Also file sharing services that mirror data in between the corporate network and the local installation such as OneDrive, Dropbox, GoogleDrive etc. can be used as well, provided that the synch service clients are installed on the local machine and allow access to files such as as-run files on a local level.

7. Temporary or permanent: Installation with a single-user dongle utilizing a local database copy, accessed from home
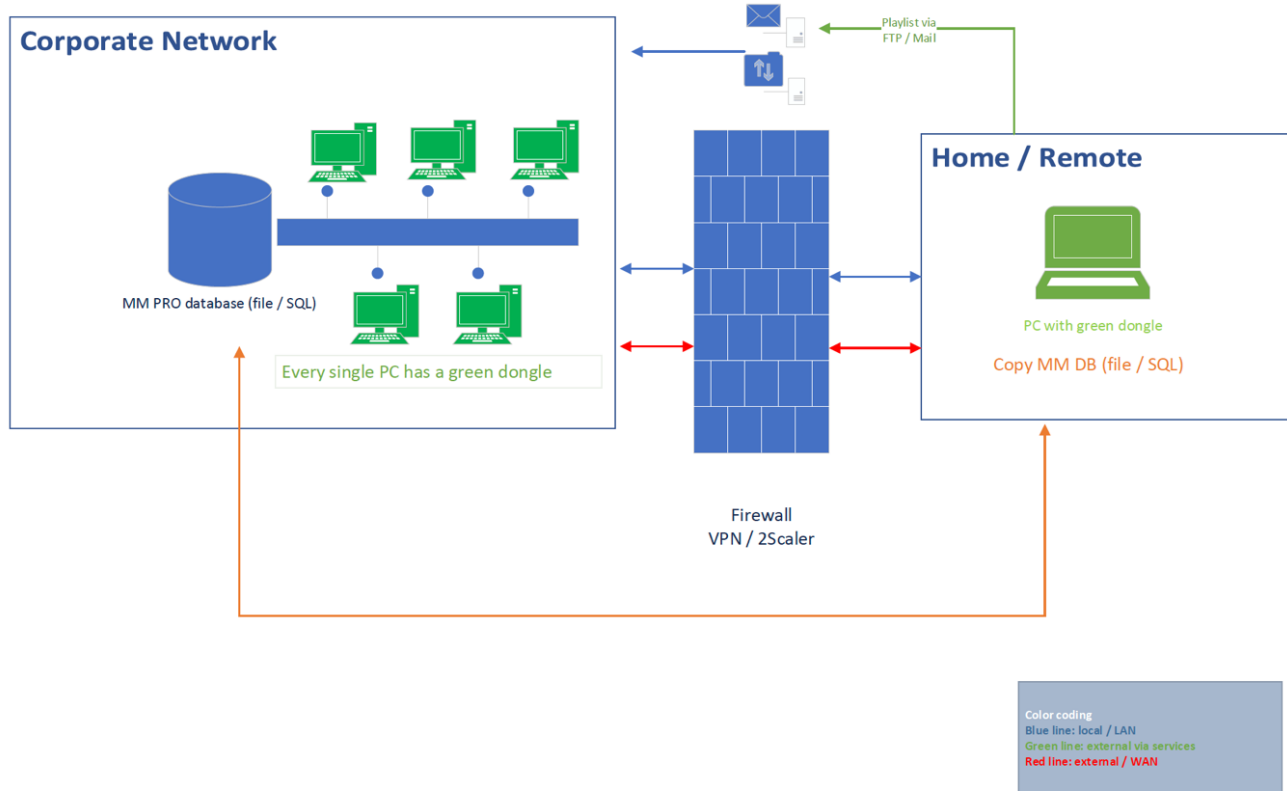

Fig 7.1: Installation with a single-user dongle utilizing a local database copy

The installation is such that the software, license, data flow sits outside the corporate network. The license is retrieved via a home installation connected single-user dongle. The external user accesses the software via local windows PC installation running the software. The database of MusicMaster Scheduling is also hosted on the same PC, limiting access to a single user per station. Should an Enterprise Database be used then this database should also be on the same machine.

The schedules produced by the external user can then be mailed to a recipient inside a network, exported to a UNC path / Web DAV inside the network and made available by the corporate IT. Also file sharing services that mirror data in between the corporate network and the local installation, such as OneDrive, Dropbox, GoogleDrive etc. can be used as well, provide that the synch service clients are installed on the local machine and allow access to files such as as-run files on a local level.