BOSCH

Multi User Manager V2.0

▶ Administration of user data from intrusions panels

▶ Structured visualization of the panels through "tree" view according to geographic and/or organizational structure

▶ Assignment of users to multiple panels in only one procedure

▶ Intuitive GUI for easy operation

▶ Works in communication with Access Management System(AMS)

▶ Supports 800 intrusion panels and 20 000 users

This document describes the components, characteristics and advantages of the Multi User Manager solution offered by Bosch. This solution brings a browser-based application that operates in tandem with Bosch access control systems and intrusion panels.

Multi User Manager allows the administration of the MAP 5000 panels and their users.

This application brings an easier and quicker solution for user data and panels administration via remote access instead of managing the data and panels on-site. This management now can be done in a smooth web interface with a few clicks.

The Multi User Manager user interface brings the Bosch *look and feel* already used in other Bosch access control system web applications, making it easy to use. Additionally, the user interface is customizable, and any user may change its language on-the-fly without logging out.
This version is available in English, German, Dutch and Polish.

Multi User Manager works with the following software user types:
• Administrator
• Operator
• Control Room

Each user type must be created in the main access control system and each one holds different rights. Depending on the permission rights of each operator, the following functionalities are possible in Multi User Manager:
• Creation of panels
• Management of synchronization of panels
• Creation of panel users
For more information about user types and its use cases, refer to the Multi User Manager User manual.

Among several functionalities, Multi User Manager includes the following features with benefits for panel user data and panels administration:
• Synchronization component
• User list
• Panel tree feature
• User ranges
• Reference panel concept
• Back up
For more details, refer to the Functions section.

System overview

Multi User Manager allows the communication of several components interacting with each other. To set up a complete system, the following components are required:

Software:
- Choice of AMS Multi User Manager Software. A software bundle of Access Management System LITE and Multi User Manager.
- As an alternative, Multi User Manager can be added as a feature to any (existing) Access Management System V5.5. Refer to Access Management System datasheet for more information about this software.

Hardware:
- MAP 5000 intrusion panels with the latest firmware.

Access Management System

Access Management System (AMS) is a highly scalable and user-friendly standard Bosch Access control system that combines advanced features with intuitive operation.

The Access Management Server is the main component for processing all data. It coordinates the activities of all hardware and software components.

MAP 5000

Modular Alarm Platform 5000 system is a scalable Intrusion panel for medium-to-large applications. Even though Multi User Manager is installed separately, it communicates with the identity server of the ACS server that runs in the background.

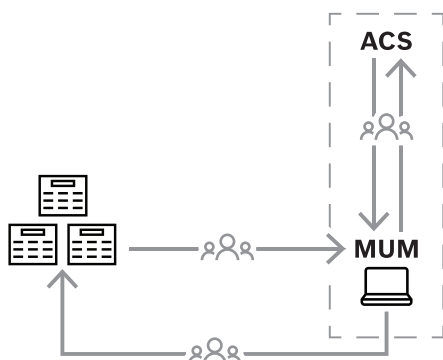The following diagram shows the communication between the components:

Fig. 1: Communication between Multi User Manager, ACS and panel devices

The Multi User Manager application can be added by installing additional licenses in your main access control system. Refer to the ordering information.

Functions

Panel administration
- Create and import of MAP 5000 intrusion panels. Supports up to 800 panels.
- Panel tree function to organize panels in a hierarchical structure with a depth of 16 levels. Create groups by organizing panels according to a criterion, for example, group panels by their location.
- Secure/Unsecure function to detect changes done locally in the panels and abort synchronization.

Synchronization component
- Synchronization interval.
- Panel response time.
- Synchronization abortion on demand.

User list
- Shows list of users of panels.
- Create, edit and delete users. Supports up to 20 000 users.
- Multi panel user concept allows the opportunity to assign this user to more than one panel.
- Export persons created in Multi User Manager into Access Management Access Management System.
- Import persons created on Access Management System to Multi User Manager.

Multi User ranges
- MAP 5000 panels provide ID ranges which are reserved for multi User only
- Initial Multi User ranges are imported from reference panel (see below)
- Administration of Multi User ranges can be done via Multi User Manager.
- Range administration done via Multi User Manager synchronizes and exports to all the panels.

Reference panel
Reference panel function allows to import the data of existing MAP 5000 Intrusion panels:
- MAP 5000 Access Profiles and SmartKey Profiles
- Multi User ranges
- Multi Panel User

Backup function
Backup function allows to store and restore the Multi User Manager data.

Installation/configuration notes

Server requirements
The server is the computer that runs the ACS and the Multi User Manager application.

Operating systems Installations on other operating systems may succeed, but are entirely without warranty.	• Windows 11 Professional and Enterprise 23H2 • Windows Server 2019 (Version 1809) (64bit, Standard, Datacenter); • Windows Server 2022 (64bit, Standard, Datacenter) • Windows 10 Professional and Enterprise 22H2 • Windows 10 21H2 LTSC • **Ensure that the latest software updates are installed.**
Database management systems	• SQL Server 2019 • Always use the same database instance as that of the ACS (the primary access control system)
Supported browsers	• Google Chrome, Mozilla Firefox, Microsoft Edge (Chromium based) • Use the most recent version of the browser for your Windows operating system.
Minimum monitor resolution (for using the application UI)	• Full HD 1920x1080

Minimum hardware requirements	• Intel i7 processor generation 10
	• 16 GB RAM (32 GB recommended)
	• 250 GB of free hard disk space
	• Hard disk transfer rate 300 MB/s with < 10 ms average response time (SSD recommended)
	• Graphics adapter with
	  – 256 MB RAM
	  – A resolution of 1280x1024 (Use the graphic resolution recommended for the client if you wish to run the Map View client on the AMS server).
	  – At least 32 k colors
	• 1 Gbit/s Ethernet card
	• A free USB port or network share for installation files

Technical specifications

Languages of the user interface

• English
• German
• Dutch
• Polish

Technical specifications and requirements for AMS can be found in the AMS datasheet available in Bosch online catalog.

Ordering information

AMS-BMUMLIT AMS Multi user manager software
AMS Multi User Manager Software Package including 2 panel licenses
Order number **AMS-BMUMLIT | F.01U.418.230**

AMS-FMUMLIT License Multi User Manager Lite
License Multi User Manager for AMS Lite including 2 panel licenses.
Order number **AMS-FMUMLIT | F.01U.418.255**

AMS-XMAPLIT License 1 MAP5000
License 1 MAP 5000 panel for AMS Lite
Order number **AMS-XMAPLIT | F.01U.419.415**

AMS-FMUMPLU License Multi User Manager Plus
License Multi User Manager for AMS Plus including 2 panel licenses.
Order number **AMS-FMUMPLU | F.01U.418.231**

AMS-XMAPPLU License 1 MAP5000 Plus
License 1 MAP 5000 for AMS Plus
Order number **AMS-XMAPPLU | F.01U.418.232**

AMS-FMUMPRO License Multi User Manager Pro
License Multi User Manager for AMS Pro including 2 panel licenses.
Order number **AMS-FMUMPRO | F.01U.418.233**

AMS-XMAPPRO License 1 MAP5000 Pro
License 1 MAP 5000 for AMS Pro
Order number **AMS-XMAPPRO | F.01U.418.234**

AMS-SMA-BMUMLIT SMA AMS Multi User Manager SW
1-year Service and Maintenance Agreement (SMA) for AMS Multi User Manager Software Package
Order number **AMS-SMA-BMUMLIT | F.01U.418.258**

AMS-SMA-FMUM SMA Multi User Manager
1-year Service and Maintenance Agreement (SMA) for Multi User Manager Feature
Order number **AMS-SMA-FMUM | F.01U.418.259**

AMS-SMA-XMAP SMA 1 MAP5000
1-year Service and Maintenance Agreement (SMA) for 1 MAP 5000 panel
Order number **AMS-SMA-XMAP | F.01U.418.260**