



# CMID Manager V2™ Data Sheet

Smart, Simple, and Secure

June 2024



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## APPLICATION

Access Control and Time and Attendance Management Solution

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## Product Description

CMID Manager V2™ is an integrated management software solution that manages access control and time & attendance for employees under a biometric security environment. This solution offers a simple and easy to install client-server architecture designed to work on Microsoft Windows, versions 7 to 10, within a standard local area network (LAN) environment.

CMID Manager V2 is based and built upon three main components: a self-extracting data base that is supplied with the CMID Manager application, a centralized Device Agent, and a local Client.

The Device Agent, also called DA Core, functions as the core system controller of the software and provides basic backend functions for main system services, device connectivity, and database management. The Client, also called provides the administrative interface that allows multiple users to connect to the Device Agent and perform administrative tasks such as system setup, solution configuration, and user enrollment and provisioning. The Client also provides two Dashboard displays for system monitoring and daily data tabulation. Multiple Clients can be connected to a single Device Agent for administrative flexibility.

CMID Manager is available with CMITech' s EF-45 series dual iris recognition terminal and NovaFace-2 series face recognition terminal.



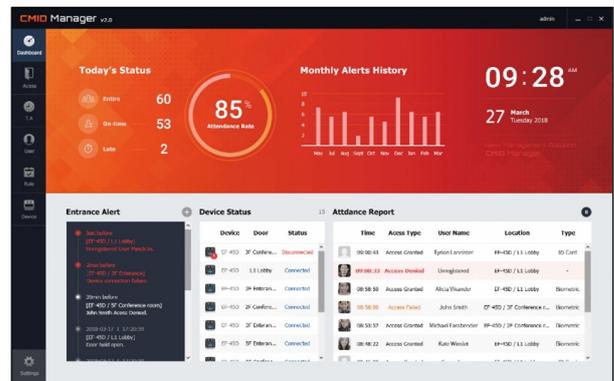
# Key Features

## Self-extracting Software Components

The CMID Manager application is provided with only 3 self-extracting (.exe) files, one for each of the architectural components. They are loaded in the order of a) the data base, b) the Device Agent (DA Core), and c) the Client (also called CMID Manager Setup executable). Extraction and installation of these 3 self-extracting files should normally take only about one to two minutes on a modern PC. (See Technical Specifications for minimum PC / workstation hardware requirements.)

## Dashboards

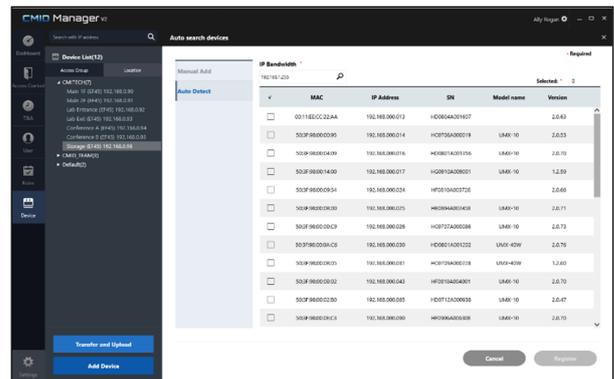
CMID Manager provides two dashboards for monitoring of either Access Control or Time & Attendance data summaries, as well as providing an easy-to-view overview of device status, access events and statistics. For T&A, the dashboard information includes daily and monthly attendance status in chart and list format.



The monitoring panel shows various access events, entrance alerts, connected devices in real time.

## Device Registration

In CMID Manager setup, one of the initial steps in configuring the solution is to find and register each device on the network. CMID Manager provides an Auto Detect function that automatically finds all the connected devices. Once discovered, the administrator can label each device with a convenient name, such as the device's location.

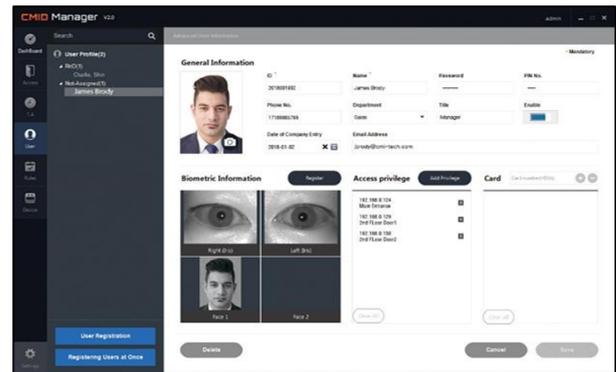


In addition, there is an Advanced Configuration panel that allows for management of all device settings, such the positioning interface, time-out settings, speaker volume, door relay or Wiegand settings. Device Firmware (FW) can be updated through this panel.

## User Management

User management adds new users (enrolls or registers) to the user database including card or PIN information. Administrators can easily select the specific device for enrollment for maximized convenience in this process.

During enrollment, the user will have organizational data added to his / her record, such as department, title, password, PIN, email address. Most importantly, door / device privileges will be specified at this time.



Once specified, the system directs the administrator and end user to begin the biometrics capture process, which typically takes only a few seconds.

Most importantly, the User Management function allows for fast and easy deletion or de-enrollment of any user.

## Data Base Synchronization Across Devices

Immediately follow any user data base update, such as for enrollment or de-registration, the system automatically sends the updated user data, including user access rights, to all the other connected devices. In effect, this synchronizes the master data base with the local data base of each device.

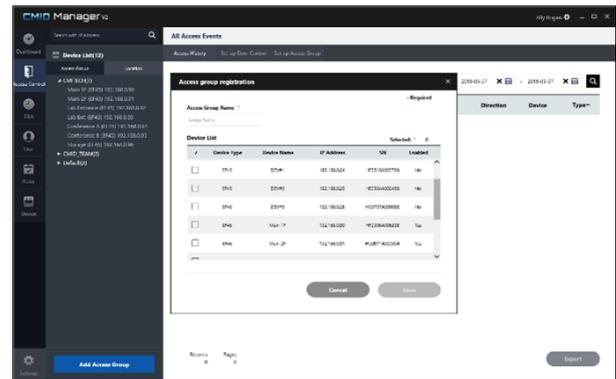
CMID Manager can also handle special enrollment cases. For example, if user enrollment had been done on a local device that was not connected to the CMID Manager's DA Core at that time, synchronization can still be performed the local and master databases and the local databases. There is a special download function that copies the user data from the device that contains the registration data, and then this incremental data can be synchronized to all other devices.

The system also offers the user data batch import functionality that enables you to register multiple users at once by importing a file which contains the basic user information in a delimiter-separated format (for example, csv, txt, xlsx).

## Access Control and Group Management

CMID Manager gives you the ability to create custom access groups and assign users and devices to a group.

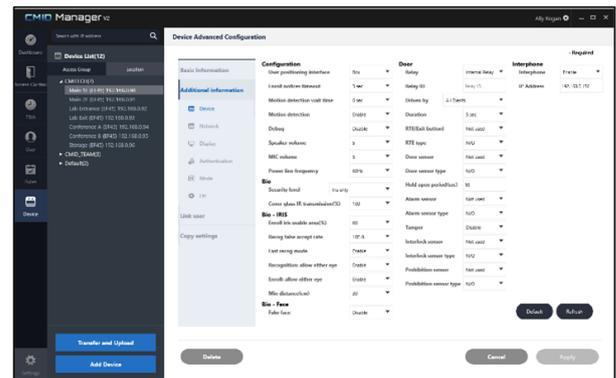
This allows a fast and convenient way to assign preestablished privilege to new enrollees who belong to an access group. This also allows fast and convenient device configuration when adding new systems, such as assigning local anti-passback settings and Wiegand parameters.



In addition, monitoring by access group allows administrators to analyze group data in a highly convenient way.

## Remote / Central Device Management

Device configuration can be performed by CMID Manager V2 centrally. You can read and update almost all device settings available in both EF-45 and NovaFace-2 series, which allows for complete device management from the convenience of a central workstation.

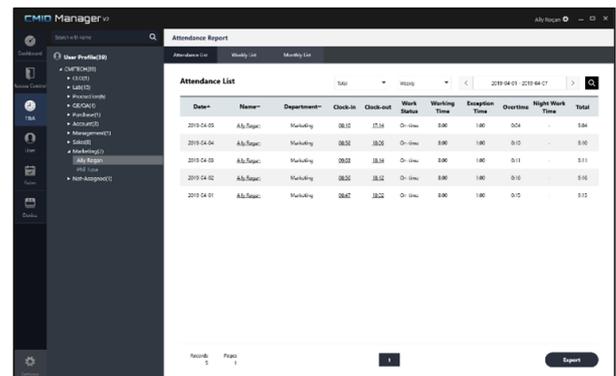


The same centralized device management capability also provides key device information, such as serial number, FW version, and MAC address.

Device firmware (FW) updates can be performed centrally for optimal convenience.

## Time and Attendance Management

The CMID Manager's Time & Attendance (T&A) feature manages employee work hours according to various user-defined rules. Time of day work break and holiday rules can be applied to them to both user defined departments, work group and individuals. Clock-in, clock-out and other T&A events will be calculated automatically based on these rules and shown in the T&A event list in real time.



# Technical Specifications

## System requirements

		Standard		Enterprise
		Minimum	Recommended	
DA Core	CPU	Intel dual core CPU or equivalent	Intel Core i5 series processor or equivalent	Intel Xeon 2.4GHz 6 core or higher
	RAM	4 GB	16 GB or higher	32 GB or higher
	Disk drive	100 GB HDD	256GB SSD or higher	1TB SSD or higher
Manager client	CPU	Intel dual core CPU or higher		
	RAM	4 GB or higher		
	Disk drive	50 GB or higher		
	Screen resolution	1440 x 900	1920 x 1080 (FHD)	1920 x 1080 (FHD)
 <p>Make sure that you set the display scaling or text size to 100% in Windows Settings or Control Panel. Otherwise, the screen may not be displayed correctly.</p>				
Operating system		Windows 7, 10 (64bit), or later		Windows Server 2019 Standard or later



Device Agent (DA Core) and CMID Manager administrative component can be loaded and run on same PC / workstation, or different PC's.

## Licensing

CMID Manager V2 software offers free connections to a single access control device within the EF-45 or NovaFace-2 series. However, for multi-device management, a license configuration file linked to your specific computer's DA Core needs to be submitted to CMITech. The following table details the two CMID Manager V2 paid license options.

	Standard	Enterprise
Maximum number of devices	100	1,000
Maximum number of users	10,000	100,000
Access control	<input type="radio"/>	<input type="radio"/>
Time & Attendance	<input type="radio"/>	<input type="radio"/>
Meal management	<input type="radio"/>	<input type="radio"/>
Anti-passback	<input type="radio"/>	<input type="radio"/>
REST API support	-	<input type="radio"/>
Fire alarm integration (REST)	-	<input type="radio"/>
Device configuration privilege	-	<input type="radio"/>
Synchronization service	-	<input type="radio"/>

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## Feature List

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### Items

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Dashboard	Today's status
	Workers count
	Monthly overview
	Entrance alert
	Device status
	Daily real-time event
User	User list (As per Department/ Device)
	Add/ Delete/ Edit user
	Transfer user at once
	Register/ edit user's biometric information
	Access privilege setting
	Add/ Delete RF Card
	Individual authentication mode setting
	Bypass Card setting
	Create user group
Assign privileges to department	

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## Items

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Device	<ul style="list-style-type: none"> <li>Device list (Group, Location, Company)</li> <li>Add device</li> <li>Auto-detect device</li> <li>Configuration</li> <li>Display / change network settings</li> <li>Display / change device display settings</li> <li>Display / change authentication modes</li> <li>Manage admin password for devices</li> <li>Display / change operational modes</li> <li>Display device information</li> <li>Download user data</li> <li>Link / transfer users</li> <li>Copy device settings</li> <li>FW update / upload</li> </ul>
Rules	<ul style="list-style-type: none"> <li>Display rule list and define rules (Work, Exceptions, Holiday)</li> <li>Add work rule</li> <li>Apply / modify / delete work rules (As per Department/ User)</li> <li>Default work rule (As per Department/ User)</li> <li>Define work rule parameters, including grace time, day start time, punch in time limit and working hours per day</li> </ul>
Access Control	<ul style="list-style-type: none"> <li>Assign Access group</li> <li>Export Access history (Excel, csv, text)</li> <li>Local Anti-pass Back</li> <li>Wiegand Setting</li> <li>Device control (Door Open/Close)</li> <li>Time zone setting</li> <li>APB, Fire Alarm, Interlock Zone</li> <li>Muster, Intrusion zone</li> <li>Schedule Lock / Unlock</li> </ul>

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**Items**


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Time & Attendance	<ul style="list-style-type: none"> <li>User information (As per Department/ Device)</li> <li>IN/OUT history view (As per Department/ Device)</li> <li>Export IN/OUT history (Excel, csv, text)</li> <li>T/A Daily, Weekly, Monthly report Filter</li> <li>Other T/A report filters</li> </ul>
Settings	<ul style="list-style-type: none"> <li>Company information</li> <li>Company default work rule</li> <li>Employee's ID rule</li> <li>Department setting</li> <li>Door setting</li> <li>Title setting</li> <li>ADMIN account setting</li> <li>Add/ Delete ADMIN account</li> <li>License management</li> <li>Language setting (Korean/ English)</li> <li>Skin setting (Red/Blue/Black)</li> <li>Department &gt; Section (lower organization of department)</li> </ul>
Advanced	<ul style="list-style-type: none"> <li>Multi-User Login</li> <li>DB Migration (CMID Manager V1)</li> <li>Log Check</li> </ul>
Database	<ul style="list-style-type: none"> <li>DB Backup/Restore/Set path/Clean</li> <li>Max. database of 10,000 or 100,000 users by license type</li> <li>Server deduplication / matching</li> </ul>

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## Contact Information

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