ID Force CMID Manager V2™

ID Management Software

Smart, Simple, and Secure

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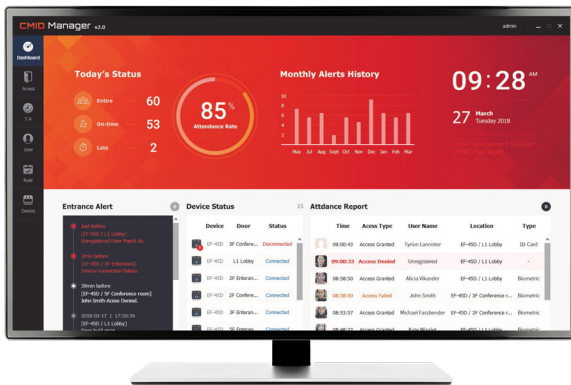
CMID Manager V2™ is an integrated management software solution that manages access control and time & attendance for employees under a biometric security environment. This solution offers a simple and easy to install client-server architecture designed to work on Microsoft Windows, versions 7 to 10,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

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CMID Manager is dedicated to CMITech's EF-45 dual iris recognition terminal. Maximum solution size is 150 EF-45 devices and 50,000 users.

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 EF-45 on the network. CMID Manager provides an Auto Detect function that automatically finds all EF-45 systems. Once discovered, the administrator can label each device with a convenient name, such as the location of the EF-45.

In addition, there is an Advanced Configuration panel that allows for management of all EF-45 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.
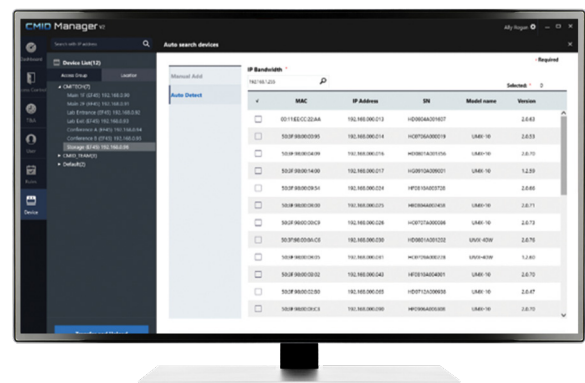
User Management

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.
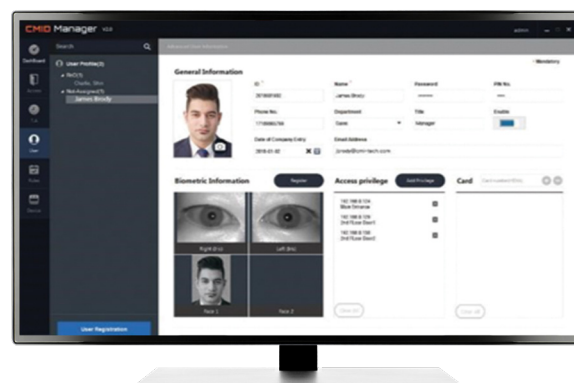
Database Synchronization Across EF-45 Devices

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 of the EF-45 devices.

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 EF-45 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.
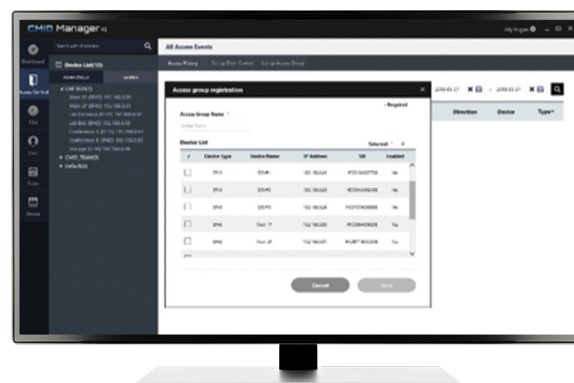
Remote / Central Device Management

Device configuration can be performed by CMID Manager V2 centrally. You can read and update almost all device settings available in the EF-45, 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.

EF-45 firmware (FW) updates can be performed centrally for optimal convenience.
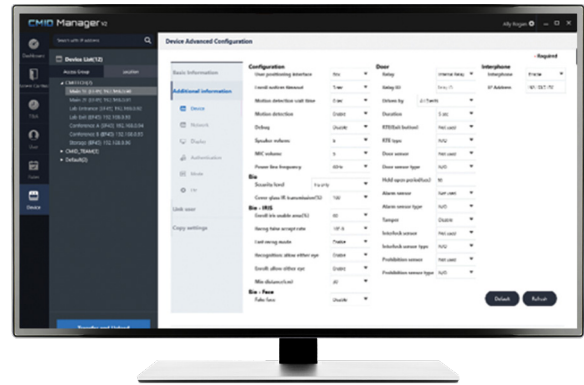
Time and Attendance Functionality

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.
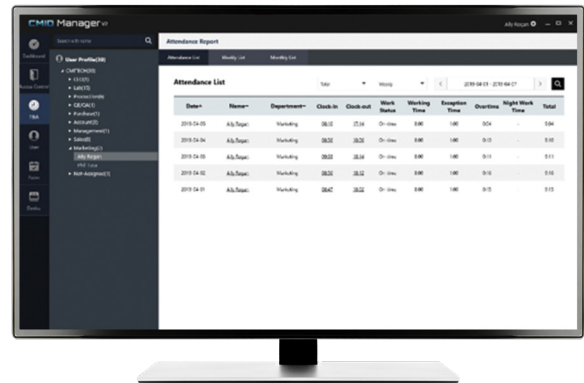
Technical Specifications

System Requirements

	Minimum	Recommended
Device Agent CPU	Intel dual core CPU or equivalent	Intel Core i5 series dual core processor or equivalent
Device Agent RAM	4 GB	8 GB, with 16 GB recommended for larger installations
Device Agent disk drive	100 GB	250 GB, especially for larger installations
CMID Manager component CPU	Intel dual core CPU or equivalent	Intel dual core CPU or equivalent
CMID Manager component RAM	4 GB	4 GB
CMID Manager component disk drive	50 GB	50 GB
Display screen resolution, CMID Manager administrative component	1440 x 900	1920 x 1080 (FHD)

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

Licensing

All copies of CMID Manager V2 are enabled to connect to one (1) EF-45 system without a license, that is, free of charge.

For connections more than one EF-45 device, send license configuration file that is tied to specific DA Core host computer to CMITech.

Summary of CMID Manager Feature List

Items

Dash Board	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
Device	Device list (Group, Location, Company)
	Add device
	Auto-detect device
	Configuration
	Display / change network settings
	Display / change device display settings
	Display / change authentication modes
	Manage admin password for devices
	Display / change operational modes
	Display device information
	Download user data
	Link / transfer users
	Copy device settings
	FW update / upload
Rules	Display rule list and define rules (Work, Exceptions, Holiday)
	Add work rule
	Apply / modify / delete work rules (As per Department/ User)
	Default work rule (As per Department/ User)
	Define work rule parameters, including grace time, day start time, punch in time limit and working hours per day

Summary of CMID Manager Feature List

Items

Access Control	Assign Access group
	Export Access history (Excel, csv, text)
	Local Anti-pass Back
	Wiegand Setting
	Device control (Door Open/Close)
	Time zone setting
	APB, Fire Alarm, Interlock Zone
	Muster, Intrusion zone
	Schedule Lock / Unlock
Time & Attendance	User information (As per Department/ Device)
	IN/OUT history view (As per Department/ Device)
	Export IN/OUT history (Excel, csv, text)
	T/A Daily, Weekly, Monthly report Filter
	Other T/A report filters
Settings	Company information
	Company default work rule
	Employee's ID rule
	Department setting
	Door setting
	Title setting
	ADMIN account setting
	Add/ Delete ADMIN account
	License management
	Language setting (Korean/ English)
	Skin setting (Red/Blue)
	Department > Section (lower organization of department)
Advanced	Multi-User Login
	DB Migration (CMID Manager V1)
	Log Check
Database	DB Backup/Restore/Set path/Clean
	Max. database of 10,000
	Server deduplication / matching

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