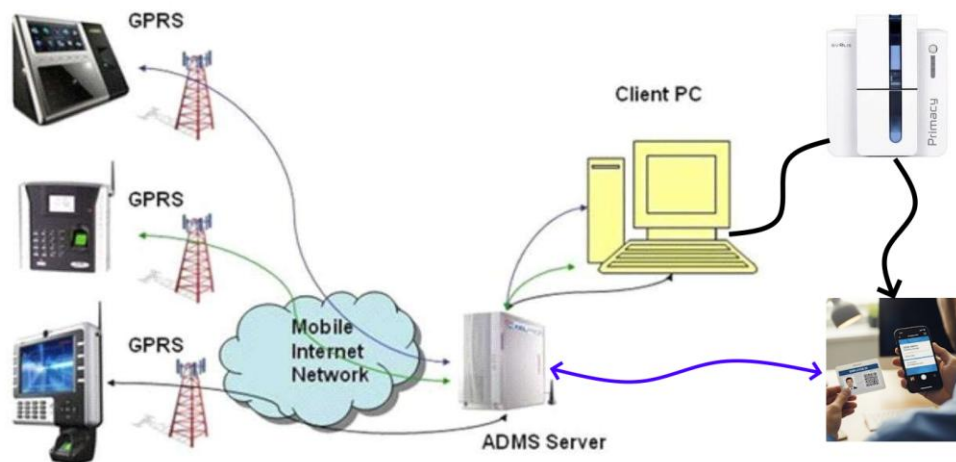


## Introduction

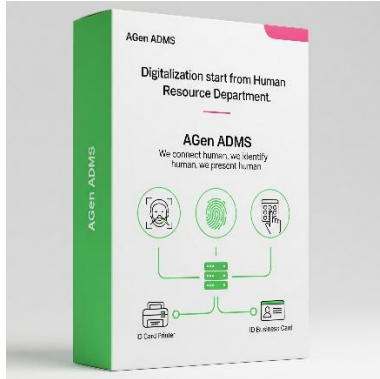
AGen ADMS have been developed for the purpose to manage multi-branches Time recorder system via either VPN, LAN or WAN (Public Internet). It is a server program to continuously monitor and sync between each individual time recorder. Connection between time recorders can be via hard cable (LAN), wireless (GRPS/4G/5G) or manual transfer (USB thumb drive). Once the user registers at any of the devices within ADMS network, the user fingerprint will be online real-time transfer to the server and save and backup in the server. At the same time, the fingerprint template will be distributed to all the devices within the network. At the same time, the user information can be directly use by the Human Resource Department to print out as ID card by plugging in the printer into the same network. Enhance with the ID, you can extend the AGen ADMS with online business card function for your staff.

## Case example

New staff A join a multinational organization A with HQ at Kuala Lumpur, on the first date of joining, Human Resource personnel will enroll the user fingerprint into the clock machine located at HQ Kuala Lumpur. The next minute after enrollment, Staff A fingerprint and face template will be distributed to all branches located at different country. On the next day staff A come to work at new office which is located at Jakarta, Indonesia, he will be able to mark his own attendance at Jakarta Time recorder machine. HR personnel who are sitting at HQ Kuala Lumpur also able to see his attendance immediate he marks attendance at Jakarta, Indonesia.



## AGen ADMS Time device management software



AGen ADMS (Automatic Data Master Server) allows users to: Remotely monitor and manage hundreds of T&A terminals under complex network conditions (WAN) and Local Area Network (LAN) Manage personnel information and the collected data at server. Automatically transfer all data collected from terminals to the server. Support all market-leading databases including MS SQL Server. Remotely monitor the real-time operation log of the terminal. Remotely manage a terminal's firmware including upgrading\uploading personnel information\backing up data, deleting records, and accessing operation records of terminals.

Enhance staff professional image by issuing ID card for their identity and business card information by selecting either NFC card or QRCode embedded design. It is fully integrated with AGen ADMS.

## Requirement

### Software Installation (AGen ADMS)

-To set up AGen ADMS (Automatic Data Master Server), you need the below requirement.

### Software

1. A physical machine or virtual machine with Microsoft Server 64 bits.
  2. Microsoft SQL Server express edition (support up to 10 machines, more machine recommended to upgrade to SQL server professional edition).
  3. Internet Information Services (IIS).
  4. Microsoft .NET Framework 6.
- Static Public IP address with open port forwarding WVVW (Port 80) mapping to ADMS server.

### PC System Requirements

Preferably VM (Virtual Machine) with no other production application

- 1.) 64-bit version of: Windows 10 Pro, 11 Pro, Windows Server 2019, 2022, 2025
- 2.) 2.5 GHz or faster processor (3.5 GHz recommended)
- 3.) 6 GB RAM minimum (8 GB recommended)
- 4.) Minimum 250 GB of available disk space (1 TB recommended)
- 5.) 1024 x 768 display, 256 colors minimum
- 6.) USB drive for Manual data transfer