

RF Card Identification Access Control System

VIRDI - AC 1000



Experiences Tomorrow's Technologies

The Number 1 Fingerprint Security Company
Our good is to enrich the lives of our customers for a better world.



1. OVERVIEW

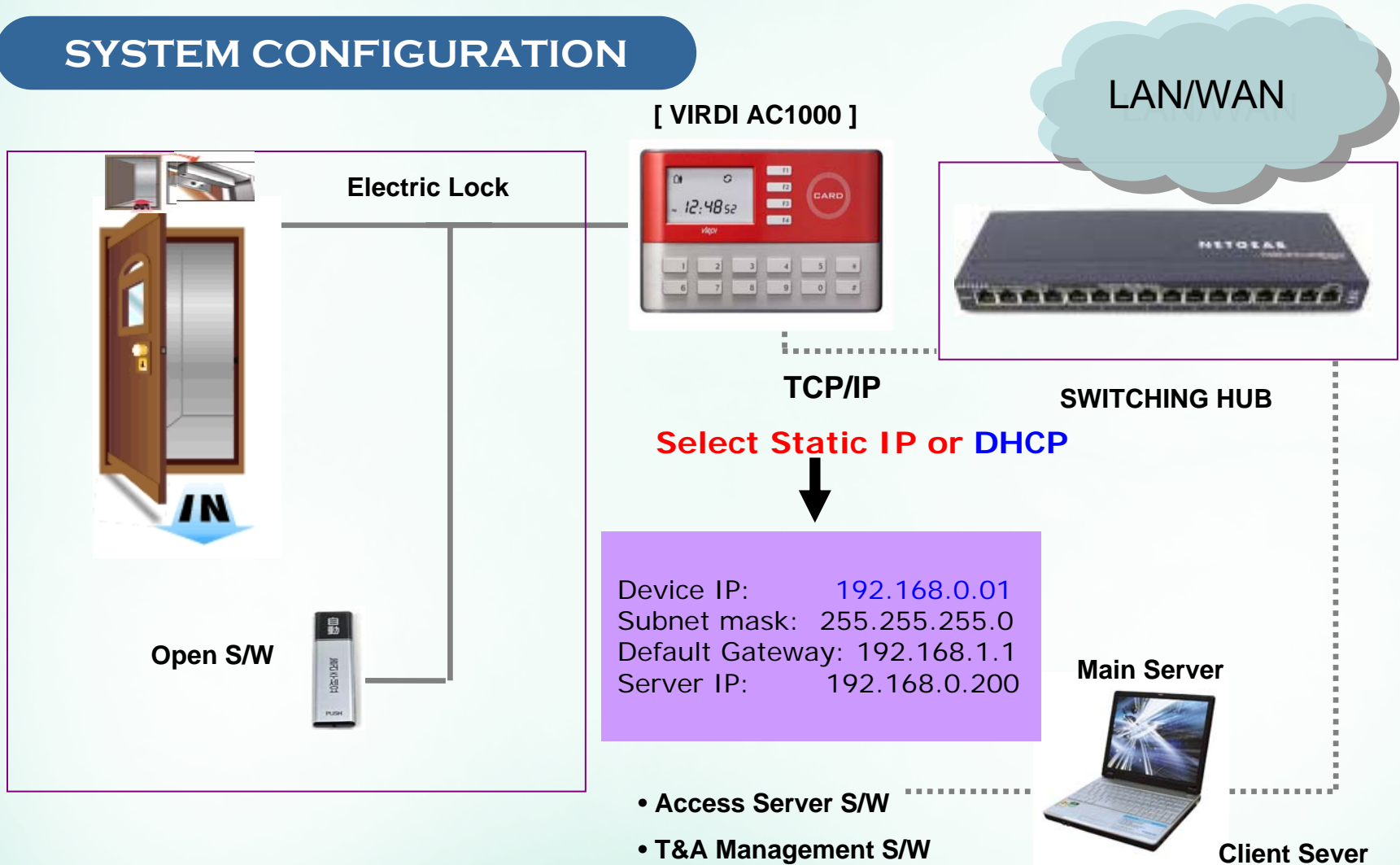
STRENGTH

- **Access Control and T&A management system based on TCP/IP**
 - ✓ **Communication between reader and server using TCP/IP**
 - **High user capacity**
 - ✓ **Up to 4,000 users use for reader authentication**
 - ✓ **Unlimited users use for server authentication**
 - **Wide LCD screen for user-friendly use**
 - ✓ **Screen message and voice notice for every transaction**
 - ✓ **Bright backlight for LCD screen**

1. **Convenient user registration (Server program with USB reader / AC1000 Terminal)**
 2. **Network / Stand Alone Operational Mode**
 3. **Easy data backup function for preventing data loss**
 4. **User friendly system operation**
5. **Various authentication methods (Card, Password, Card & Password, etc.)**

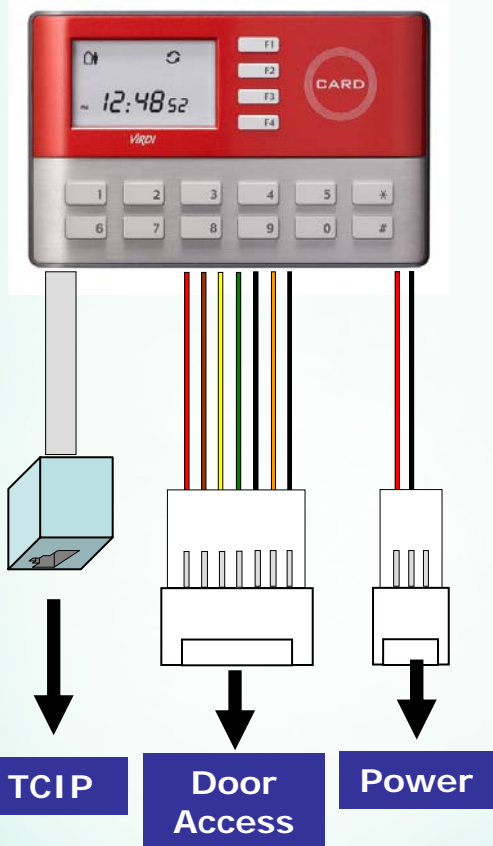
2. PROPOSAL

SYSTEM CONFIGURATION



SPECIFICATION

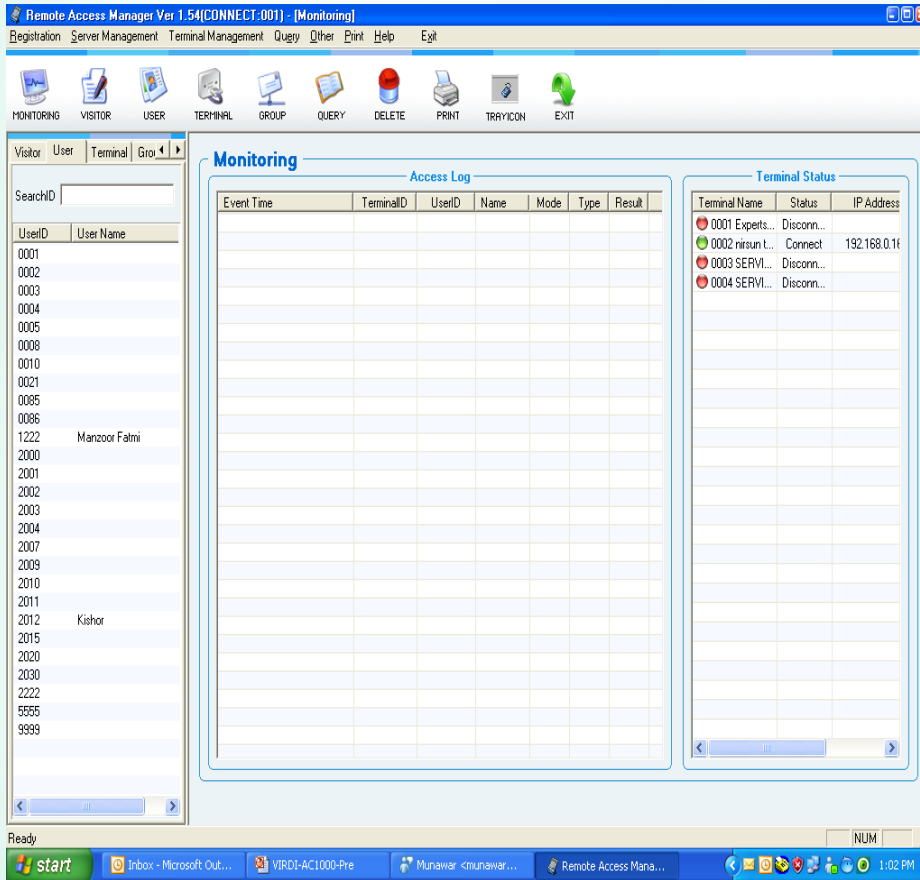
VIRDI AC1000



ITEM	AC1000
CPU	32 Bit RISC CPU
Memory	2M Flash Memory
Card Capacity	10,416 users / 20,479 Log
RF Reader	13.56Mhz Mifare or 125 KHz Proximity Card
LCD display	128 x 64 Graphic Display LCD
Communications	TCP/IP, RS-232C, Wiegand, RS-485
Lock Control	2 port Control Motor Lock or 1 port Control EM/Strike/Dead Bolt Lock
Power Consumption	Max DC 12 ~ 24V / 450mA
Operational Environment	-20 ~ 50 °C / Lower than 90% RH (Non-condensing)
Verification (1:1) Time	< 0.5 sec
Dimension	140mm(W) x 89mm(H) x 28mm(D)

4. Software Control & Benefits

SERVER SOFTWARE



Real time access management by TCP/IP

Automatic uploading the authentication log data (Storing the log data (up to 10,416) when the network is disconnected / Uploading the data automatically after the network is reconnected

Live monitoring for access status

Easy of finding the specific data by the record search function

Easy data modification by saving as MS-EXCEL file, etc.

5. Software Controller Icon



Temporary
Close the
software
Controller

Stop server
controller

Network IP
Settings

Start server
controller

Event Log of
controller

Automatic Data
Base Backup

Permanent
Close the
Software
Controller

6. Hardware & Pre-requisites

Hardware Requirement

**Computer: Intel Pentium I VI /800MHZ/40 GB HDD/512MB RAM/DVD-RW Optical (PC)
for ACServer software installation**

**Operating System: Windows XP/ Win ME/ Win 98/ Win 2000/ Win 2000
Server**

Client Software Can be installed Also

Pre-requisites

**Required Data (CAT5 OR CAT6), data cable on each terminal
should be directly connect to switch or patch panel and
power point on each device location
(Place of installation) connection and setup is our responsibility**



Questions & Answers

