Hybrid Browser Management Platform

ACCESS, CCTV and SECURITY

On Premise and via the Cloud

NEPTUNE
SMART & SIMPLE

SICUNET ACCESS CONTROL SYSTEM (ACS) OVERVIEW

SICUNET was established in 2006 specializing in the development of embedded browser managed platforms. For years, we have been selling our access control technology as an OEM through other major industry suppliers. With thousands of platforms deployed worldwide, our technology has proven the test of time. Our technology is expected to work for at least 10 years, and we are committed to supporting and enhancing these systems over the life of its use. Our platforms are feature rich and focus on ensuring exceptional Return on Investment while maintaining a low Total Cost of Ownership.

Consumer Modeled User Interface
Fewest Clicks and Intuitive

Enhanced Security and Scaling
HTML5 Web Browser

App Mgt.
logs, Lock and User Mgt, Threat Levels

Integrated Video and tagging

Key Functions:
. Access, Alarm and Video Management / Browser Managed – Simple and intuitive interface
. Manage from Anywhere – On-Premise and or via Cloud
. Mobile Management App - Event, Users, Lock / Unlock doors, and Threat Level Management
. BLE Credentials with automated issuance
. Linux Operating System with SQL Database
. Scalable from 1 to 360 Doors / 128 sites
. Secure End to End Communications – SSL, AES 256-bit Encryption, HTTPS
. Easy to Manage - Configuration wizard; Auto-populated holidays; Integrated flat file import tool; Bulk uploading of users & credentials
. 5 Year Warranty

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Operationally Superior

Lower "TCO" drives value

Out of the Box

Take system out of box
Mount, Plug in power, Program on or off site

- No server software to load and manage
- No client software to manage
- Network ready appliance

Learn One, Learn All

Faster installations and service calls

- Common hardware
- Software that scales and remains the same, no matter the feature set.

Lowest TCO

Cost to support is less! Lowest TCO

- MTTF 20+ Years
- No Hosting or Update Fees
- Fixed cost for replacement hardware

Secure and Reliable

Is owning your system and having a ultimate control important?

- You own your data
- System and Data is at the edge - Reliability
- HTTPS / Corporate and Self Signed Certificate
- End to End Encryption - SSL AES 256

Fully Scalable

Same software, same UI, turn on features, expand capabilities "License on Demand"

- All features are embedded, virtually unlock
- Add locally or remotely
- Your system can evolve to meet your future requirements.

Faster to Set Up

- Wizard steps you thru user and system configuration
- Auto populates 10 years of holidays
- Integrated flat file import tool – Bulk load of users and credentials

Who, What Where and When

- Fast video verification events
- Reports provide log, audit, and system data
- Custom Reports - third party software required

Information to manage and respond to issues and reduce risks!

Fits more installations

Manage the system with a Macbook, no I like my Window's, no I use an Android tablet, it does not matter!

- Web browser managed
- Up to 25 Concurrent Administrators

Low TCO no software to load or manage!

Services Platform and Parts

Better resource allocation

- RMC – Offsite Management of one or many sites
- Speeds installation, issue resolution and system management.
- Fixed cost for "Swap" / board replacement

Higher ROI

Operational Superiority!

- Fits more installations
- Self contained system eliminates issues!
- Low replacement cost
- Less training
- Easiest to Scale

Core functionality

Focused on features that enhance ROI!

- Consumer modeled User Interface "UI"
- Large Icons for Key User Features
- Dynamic "Help" simplifies administration.
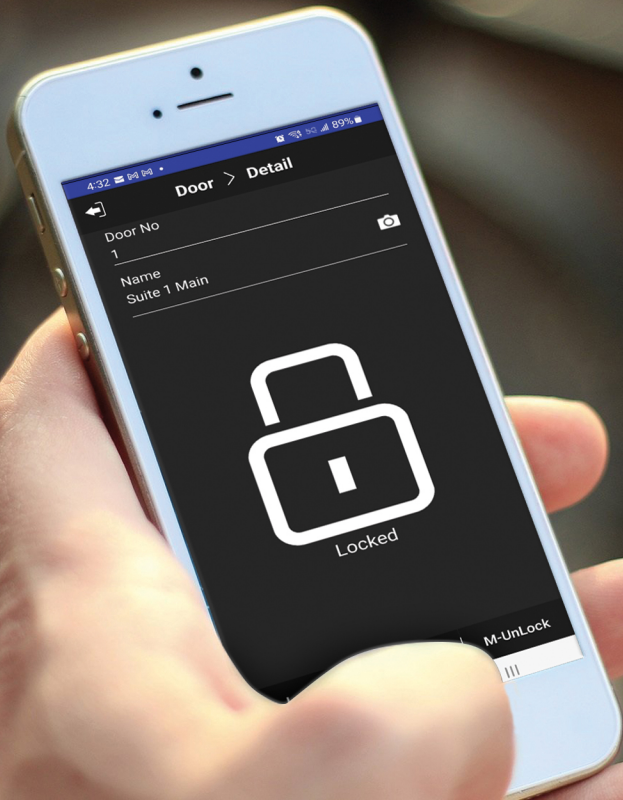- User roles controls who sees and does what.

Best in Value

- Embedded Network Appliance
- No Third-party software required.
- Preferred by more IT professionals!
- Low "TCO"
- Strong Return on Investment "ROI"
- On Premise, Cloud or Mobile Management

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App Management simplifies your administration in and out of your facilities!

Manage one or multiple systems

Event Log
-Live events
-Video Tags

Door
-Status, lock and unlock
-Live view of camera

Card Holder
-Add delete, edit,
 add photo

Threat level
-View status and change

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Video Tagging and Event Viewing

Integrated Video reduces forensic search time and fastest response Events and Video Synchronized

1 Event Tag

Icon hyperlinks you to the stored video for analysis - UI and Mobile

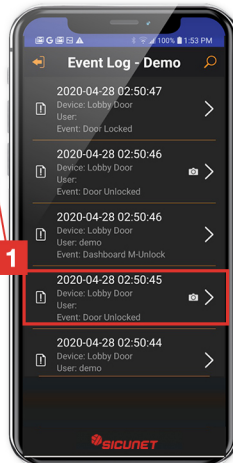**2** Live view of NVR' and associated camera's

System displays live video at door and storied photo for visual comparison

**3** View a live camera feed
- UI and Mobile

Select the door and click the camera icon

4 Live view of NVR's and associated camera's

1, 4, 8, 16 camera matrix view, place on a second monitor

Time	Local Time	Device Name	User Name	Event Code	Event Description
05-25-2018 06:34:04	05-25-2018 06:34:13	Door 40	Rosie10 Knine10	1010207	Denied Invalid Access Level
05-25-2018 06:34:03	05-25-2018 06:34:03	192.168.20.125	admin	15107	Web User Login
05-25-2018 06:34:00	05-25-2018 06:34:09	Door 40	Rosie10 Knine10	1010207	Denied Invalid Access Level
05-25-2018 06:33:58	05-25-2018 06:34:07	AI 32		501	Aux Input
05-25-2018 06:33:56	05-25-2018 06:34:05	Door 32		600	Door Locked
05-25-2018 06:33:54	05-25-2018 06:34:03	Client 40		110318	Send Email
05-25-2018 06:33:54	05-25-2018 06:34:03	Door 31		600	Door Locked

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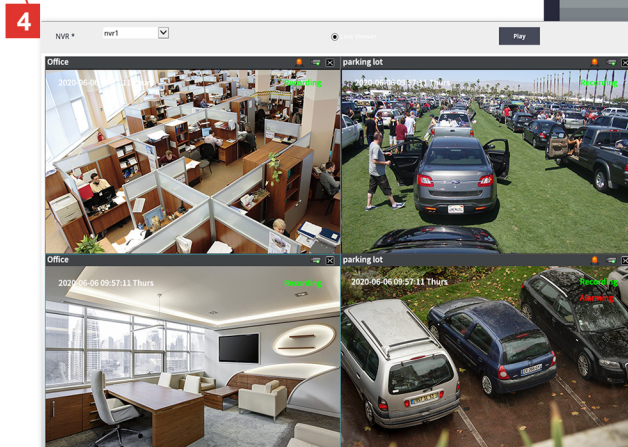
Hybrid Design Allows for Management Locally, via Cloud and or Mobile App

In today's world, dealers and end users require secure remote access to their systems!

- Remote Management Connector "RMC" links systems vial SSL connection to Cloud User Interface to provide secure remote access to systems anywhere in the world..

- Encrypted connection and data transfer ensures security!

- Best of both worlds with on-line and remote access to your systems

- If you lose WWW connectivity, 100% of your system still can be managed locally!
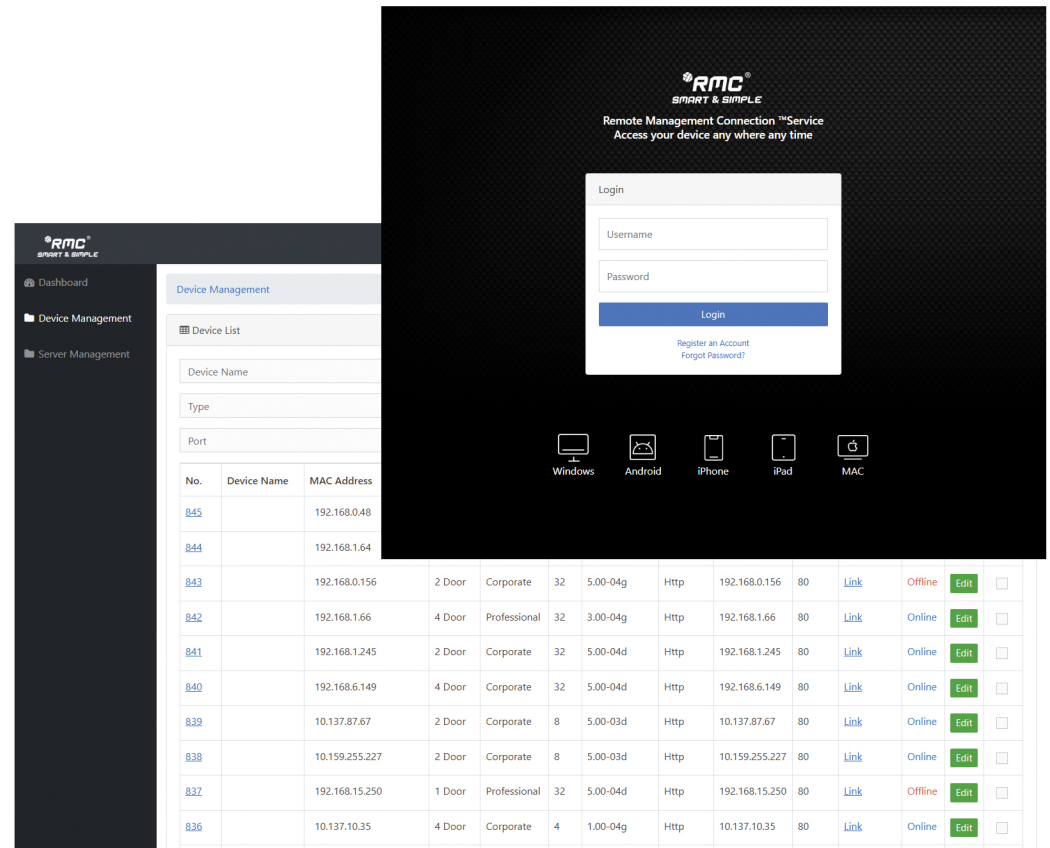
Your data is important. Data is redundantly saved on all panels, so if Access server is damaged, but still can back up data from any other panel in the system.

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Embedded Single-Door Controller

1DC | **1-Door Controller, requires 12 VDC power** (sold separately). Dimension (W x H x D) : 3.2" x 3.0" x 1.3"

FEATURES:

- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- 2 Reader Ports – 1 In / 1 Out

- 2 Form C Relays – 1 Lock / 1 Auxiliary
- 3 Inputs – 1 Request to Exit,1 Door Position Switch, 1 Auxiliary
- 1Gigabit Auto Sensing Ethernet Port
- Compact 3" X 3" X 1.35"
- Includes Mounting Bracket
- 5-Year Hardware Warranty

POE-1DC
*12VDC 2A POE Switch Power Supply option for system and lock*

Embedded 2-Door Controller

2DMPL | **2-Door Controller with Power Package, expandable up to 4 doors.** Dimension (W x H x D) : 14.25" X 14.25" X 3.75"

FEATURES:

- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions as a Server, expansion panel or elevator module
- Ready out of the box,browser-managed
- Embedded Linux Operating System
- Expandable to 4 doors in same housing with ACM-2D

- 4 Reader Ports – 2 In / 2 Out
- 4 Form C Relays – 2 Lock / 2 Auxiliary
- 6 Inputs – 2 REX, 2 Door Position, 2 Aux
- Includes power for readers, controller and locks. Provides 4 auto-resetting selectable 12 and 24 VDC outputs.
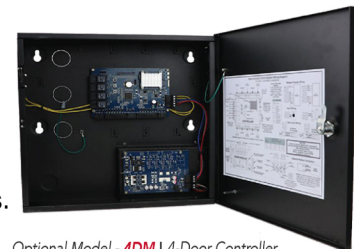- 5-Year Hardware Warranty
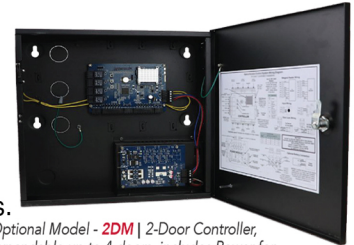
Optional Model - 2DM | 2-Door Controller, expandable up to 4 doors, includes Power for Controller and readers.

Embedded 4-Door Controller

4DMPL | **4-Door Controller with Power Package.** Dimension (W x H x D) : 14.25" X 14.25" X 3.75"

FEATURES:

- Simple to use, Self-Contained, Scalable Access Control Solution
- Each controller functions asa Server, expansion panel or elevator module
- Ready out of the box, browser-managed
- Embedded Linux Operating System
- 8 Reader Ports – 4 In / 4 Out
- 8 Form C Relays – 4 Lock / 4 Auxiliary

- 12 Inputs – 4 Request to Exit, 4 Door Position Switch, 4 Auxiliary
- Includes power for readers, controller and locks. Provides 4 auto-resetting selectable 12 and 24 VDC outputs.
- ETL / UL294
- 5-Year Hardware Warranty

Optional Model - 4DM | 4-Door Controller, expandable up to 4 doors, includes Power for Controller and readers.

Mobile Credential Readers   Bluetooth

FEATURES:

- No-Touch Bluetooth Mobile Credentials
- Automated Credential Issuance sends recipient an email that auto creates and populates the phone and the access database
- Short and Long Range Models

- Ultra-Fast transaction times, under a second
- Wiegand & OSDP support; Auto-Detects either over the same wires
- Bluetooth Low Energy "BLE"
- Weather proof - In / Out door

READERS:

ET5 Mullion Mount - NFC, HF / 13.5 MHz Mifare
ET10 / ET10L Mullion Mount - NFC, 125 kHz Prox, Bluetooth, 13.5 MHz Mifare
ET20 / ET20L Single Gang - NFC, 125 kHz Prox,Bluetooth, 13.5 MHz Mifare
ET25 / ET25L Single Gang Reader w/ Keypad - NFC, 125 kHz Proximity, Bluetooth, 13.5 MHz Mifare

SICUNET
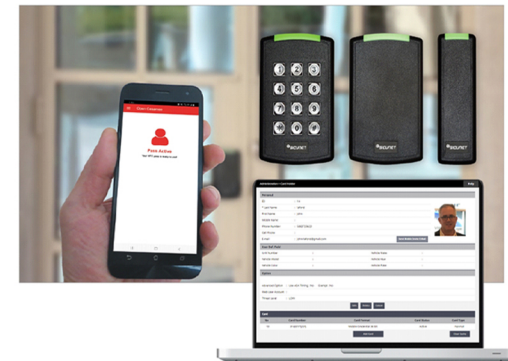
Feature Overview by Model

Item	Neptune Corporate
Panel Function	Server / Client / Elevator I 1 Door, 2 & 4-Door Controllers, 1 Cab 8 Floors
Communication Security	SSL, AES 256 Bit Encryption, HTTPS
Communication	Gbps Ethernet Auto Sense
User Interface	HTML 5 -Integrated Webserver - Browser Managed
Mobile Management App	Yes I Events, Tagged Video, Lock / Unlock, Relock Override, User Mgt, Threat Levels
Cloud Management	Option I One Time Fee
API / SDK - RESTful	Option
Number of Doors and Clients (Sites)	32 I 32
Door / Client Upgrade Option	Yes - 128 / 64, 128 / 360
Reader License per system	32 in / 32 out readers
Inputs per board	3 Inputs per door plus 2 Pre-assigned (Tamper, Power Supervision)
Input types	NO & NC Parallel Resistor, NO & NC Series Resistor, NO & NC Unsupervised
Predefined Door Configuration	Lock Relay, Aux Relay, Request to Exit Input, Door Position Input, Aux Input
Aux Outputs Option	Timed, Repeating, Delayed then timed, Latching on / off, Follow Input
Event Action	
Users I Credentials Per User I System	15,000 I 32 I 120,000
Custom Card Decoder I Wiegand Length	Yes I Up to 64 bits
User-defined fields	20 user fields
Flat File Import Tool with data validation	Yes
Time Management	Browser Sync, NTP, Day Light Savings Time, Site / Client Time Zone Configuration
Mobile Credential Issuance Email Server	Yes I Registared mail server and credential sync for system and app
Time specifications (schedules)	250
Access Levels, Groups	512 I 64
Holidays / Holiday Groups	Yes / 4 Groups
Online event history log	100,000 transactions I FIFO
Back Up's	Manual, PC Sync, SD, FTP
Transaction Types	Systems Actions, Administrator "Audit", and System Data
Archive for transactions	Manual, Auto daily, Auto @ 90% full
Archive for system configuration files	Manual, Automatic daily
Administration / User Roles	3 Pre-configured, Customizable Users
Max concurrent web users	25
User Interface Features	
Browser Managed	Yes, HTML5
Action Icon Buttons	Door Unlock / Relock, Toggle, Elevator, Aux outputs, Live Camera, Tagged Video
Floor Plans, Icon Type	Locks, Inputs, Outputs, Elevators - Status of each
Alarm Acknowledgment	Yes
Search and Report Options	
Reports - Event, Audit, Configuration	Yes
Custom Reports I Linked to User Roles	Yes I Yes
Wild Card Search n*, *n, *n*	Yes
Alarm	
Burg Integration / Disarm and Arm	Yes I Keyswitch Arm, Armed Status, Zone Status
Card Types	
Mobile Credential	Yes
Timed / (Option Relock on Open)	Yes
Toggle / Extended Time	Yes
Two Function / Double Present	Yes
Unlock Override I One Time Credential	Yes
Safety Check In I Manager In	Yes
Two Person I Exempt Antipassback	Yes
Limited Use I Guard Tour	Yes
Scheduled Events	
Door / Aux Outputs	Yes
One Time Events	150
First In Unlock I Grace I 0-60 min)	Yes
Event Actions - Input (Global)	Reader / System Event, Inputs, Door Output Status, System Event
Event Action Output (Global)	Outputs, Message Dashboard, email, Back up Data, Threat level, Video tags
Photo Verification	
Live video pop-up with photo	Yes Requires Video
Alarm acknowledgment	Yes
Threat Level Management	
Threat levels	25
Hazmat Region	Yes
Anti-Passback	
Timed, Override Required	By Door or Region
Regional, Sequence	Yes
Muster / Roll call	Yes
Occupancy	
Room Occupancy	Yes
# of credentials allowed in region	Yes by controller
Man trap	Yes
Elevator Control	
Elevator Cabs, Floors	12 Cabs, 96 Floors per cab
Video Management System Capabilities	
Video View	Live, Single or Matrix, Tagged in log - event driven
Video / NVR Integration	Sicunet Thumbdrive, Digital Watchdog, Ganz, Speco, Vitek (Call for models)
Recall of photo with live video	Yes

*Note: Feature Sets are subject to change.