ARMATURA ONE

All-in-One Web-Based Integrated Security Platform

- Personnel Management
- Access Control Management
- Time and Attendance Management
- Elevator Management
- Visitor Management
- Integrated Parking Management
- Video Surveillance Analysis
- Smart Office
- Integrated Fire Alarm System
- Entrance Control Management
- Multi-Functional FaceKiosk
- Defence Management
- Building Automation
- Intrusion

ARMATURA ONE

AES 256 · TLS · BACnet · OPC · Modbus

All-in-One Web-Based Integrated Security Platform

Armatura One is the ultimate all-in-one web-based security platform developed by Armatura. It includes multiple integrated modules: Personnel, Access Control, Time and Attendance, Elevator, Visitor, Parking Management, Video Management System, Office, Fire Alarm, Entrance Control, FaceKiosk, Defence, Data Monitor, Building Automation, and Intrusion.

Personnel	Access	Attendance	Elevator	Visitor	Video	Office	Entrance Control
Information Screen	Defence	Parking	Data Monitor	Building Automation	Intrusion	System	

Supports

- Google Maps
- SuperMap
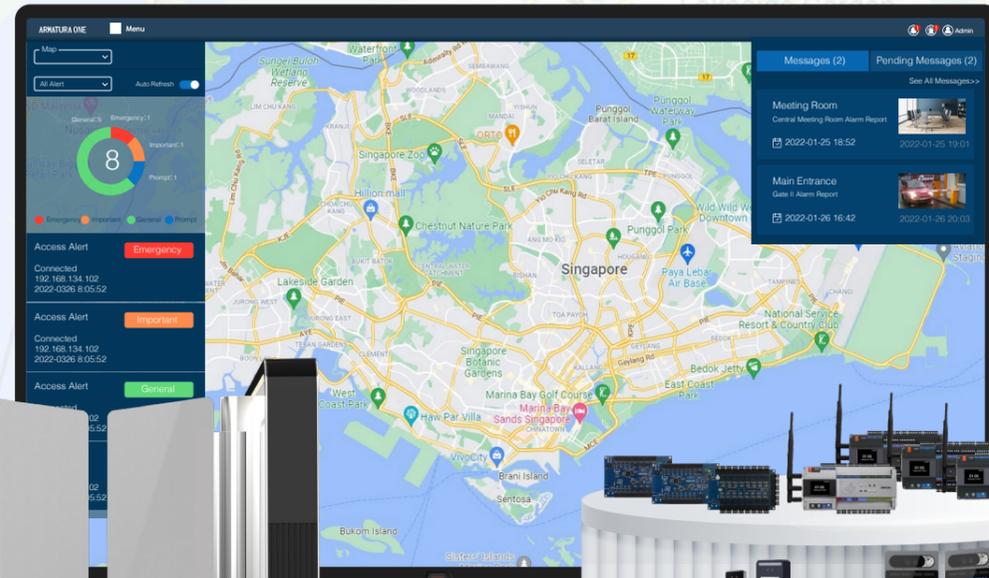
Highlight 1:
Web-Based Access Control and Time and Attendance Software Solution

Highlight 2:
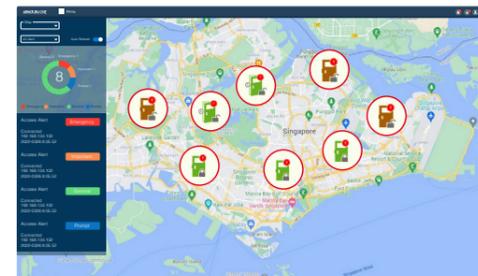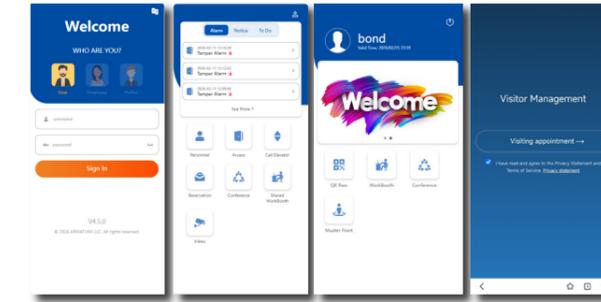Email, WhatsApp, LINE, Amazon SNS, SMS

Email · WhatsApp · LINE · Amazon SNS · SMS

Highlight 3:
Supports Multi-modal Biometric Recognition

Highlight 4:
Alarm Center

Highlight 5:
Mobile HTML 5 Web application (Installation Free)

Highlight 6:
High-Security Mechanism
TLS1.2, RSA2048 & AES256 Encryption

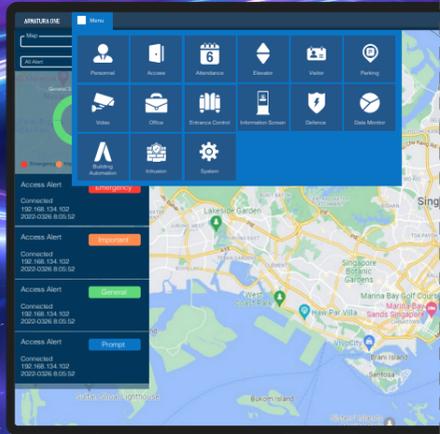RSA2048 · AES-256 ENCRYPTION · TLS

Highlight 7:
Mobile App

Bluetooth · NFC

Armatura One supports Armatura ID with Apple & Google Wallet, powered by HID.

Apple Wallet · Google Wallet

Highlight 8:
RESTful API (Java Scripts) for 3rd Party Integration

ARMATURA ONE → API → 3rd Party Software

ARMATURA

DESIGNED & ENGINEERED IN THE USA
ARMATURA
GEORGIA · USA
SUPERIOR QUALITY

ARMATURA ONE

Access Control
- Different access levels for different users
- Events notification (Email, SMS, Amazon SNS, WhatsApp, LINE)
- Multi-biometric identification (Fingerprint, face & palm)

Compatible With: LINE, Whatsapp, Amazon SNS, Google Map, SuperMap (Super Map)

Professional Video Intercom via SIP with Armatura ICS Cloud or PBX

ARMATURA ICS

Indoor Video Phone

3rd Party Standard SIP Outdoor Station

SIP MINExVoIP

Griffin 20-CMQ
Standard SIP Outdoor Station
(Standard SIP V2.0 Ready)

Armatura ICS Cloud or PBX
Standard SIP Protocol

ARMATURA ONE

OmniAC20
Biometric Standalone Terminal
(Standard SIP V2.0 Ready)

IP Phone
(PBX/ SIP Server with VOIP)

Access Control Time Zone

Time Zone A — Palm Recognition
Time Zone B — Mobile Credentials
Time Zone C — Face Recognition + Palm Recognition

Specify varying credential requirements for different time zones, such as
- Time Zone A : Biometric (palm / face / fingerprint),
- Time Zone B : Mobile credentials
- Time Zone C : 2 Factor authentication.
By implementing this additional layer of security, unauthorized access can be prevented, thereby enhancing the overall safety of the facility

Personnel
- Supports various cards format
- Statistics

Fingerprint login and verification

Supports personnel photo as visible light facial recognition registration

ARMATURA
User Login
Password
Login

Attendance
- Flexible shifts, multi-level OT, cross day shift,
- Automatic attendance report generation

Merge with 3rd party HR management System

ERP

Multi-level approval

BOSS — Manager — Assistant Manager — Officer

Elevator
- Global linkage
- Supports different access levels for different users
- DCS Integration (Mitsubishi, KONE, Hitachi, etc.)

Supports different access levels for different users

MITSUBISHI KONE HITACHI Schindler

Fully integrated with 3rd-party elevator destination control system

20:00 - 7:00
Going Upward
Disallowed

9:30pm 9:30pm

Entrance Control
- Real-time monitoring
- Entrance control access rules

Device remote control

Remote opening (In) Remote opening (Out) Cancel alarm Remote lock Remote unlock Remote normally open

Device online upgrade

Firmware Upgrade

Defence
- Global targets monitoring
- People counting
- Occupancy management
- Real time tracking

Allow list, block list and VIP list

People counting & Occupancy management

VIP List
Allows certain identified entities to access with VIP pop-ups alerts on screen

Block List
Denies certain blocked entities to access with pop-up alerts on screen

Lecture Hall
Number of visitor 60
Area capacity 100

Building Automation
- Monitoring and management
- Quick response and handling of Problems

Rules center of setting of rules with a single or multiple triggering conditions for a systematic event for alarm to the monitoring center

Modbus
OPC
BACnet

Door Locked Alarm Video Surveillance
HVAC Lighting Boiler Chiller Fire

Video
- Real-time preview, PTZ control, video playback
- Intelligent camera alerts
- Supports searching of users and vehicles

arteco digifort eocortex
Hanwha milestone Nx Witness

PTZ Control
AUTO Zoom Focus Iris

Parking
- Real time parking lot monitoring
- Monitoring vehicles at all exits and entrances
- Payment and charge management

License plate recognition

Two-factor authentication of driver identity and vehicle verification

DFG-7895
DFG-7895
ADC-6804

Data Monitor
- Global alarm dashboard
- Data monitor platform of all modules
- Dashboard access by role

15,762

Visitor
- Visitor self-service pre-registration
- Maximum visitor check

Dynamic QR code to access authorized doors

The QR code is valid for 30~300 seconds

Office
- Auto-cancellation of reservation
- Combining QR code in booking system

Meeting room and work station reservation

Intrusion
- Rules Center
- Event Record
- Real-Time Monitoring

BOSCH DSC RISCO

Time From 2023-02-23 16:29:37
Jan 2023
Su Mo Tu We Th Fr Sa
26 27 28 29 30 1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31 1 2 3 4 5 6
Select Time Clear Now Confirm

Partition 1 Partition 2 Partition 3 Partition 4 Partition 5 Partition 6

ARMATURA ONE
All-in-One Web-Based Integrated Security Platform

AES-256 ENCRYPTION

• Overview

Armatura One is a web-based security platform developed & based on the ideas of being Openly Integrated, Highly Secure and User-friendly. Providing a comprehensive security solution including access control, elevator control, visitor management, parking management, time & attendance, building automation and intrusion alarm with the most advanced levels of security. To ease users' cyber security and privacy concerns, all the data within the system is encrypted with Advanced Encryption Standard (AES) and Transport Layer Security (TLS) cryptographic protocols and the whole system is certified with ISO27001, ISO27701 and ISO27017. In addition, it has a RESTful API and SDK to integrate with almost all 3rd party systems. Moreover, with the help of the Armatura protocol gateway; Armatura One supports up to 260+ industrial-grade communication protocols including BACnet, OPC, and Modbus to flexibly integrate with 3rd party industrial-grade sensors and controllers with custom conditions and rules. At the same time, Armatura One supports various authentication credentials in line with advanced biometric technologies, mobile credentials, encrypted dynamic QR codes, and multi-tech RFID technologies to best suit all customer's needs.

Personnel Access Attendance Elevator Visitor
Video Office Entrance Control Information Screen Defence
Parking Data Monitor Building Automation Intrusion System