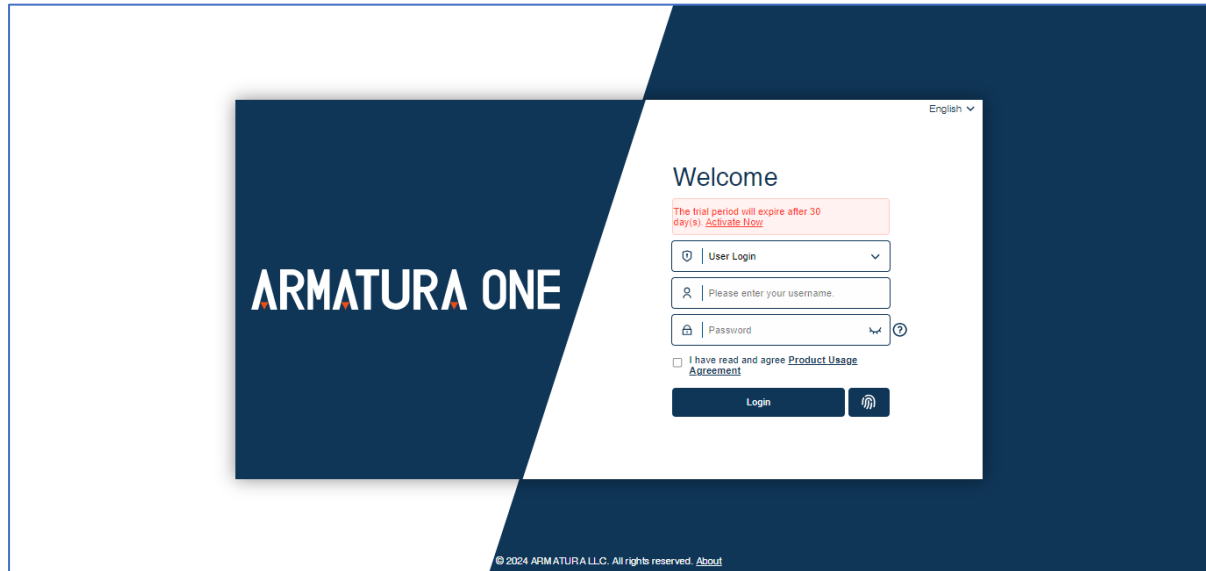
An orange triangle pointing downwards, positioned on the left side of the page, partially overlapping the title text.

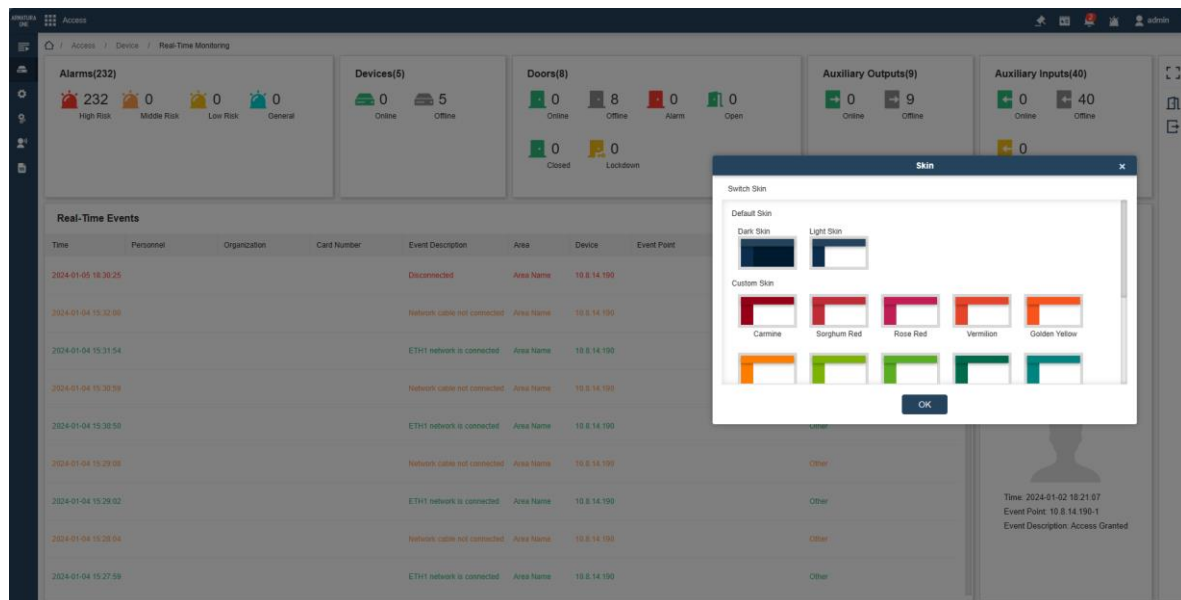
Armatura ONE V3.1.0 Release Changelog

1 UI Optimization

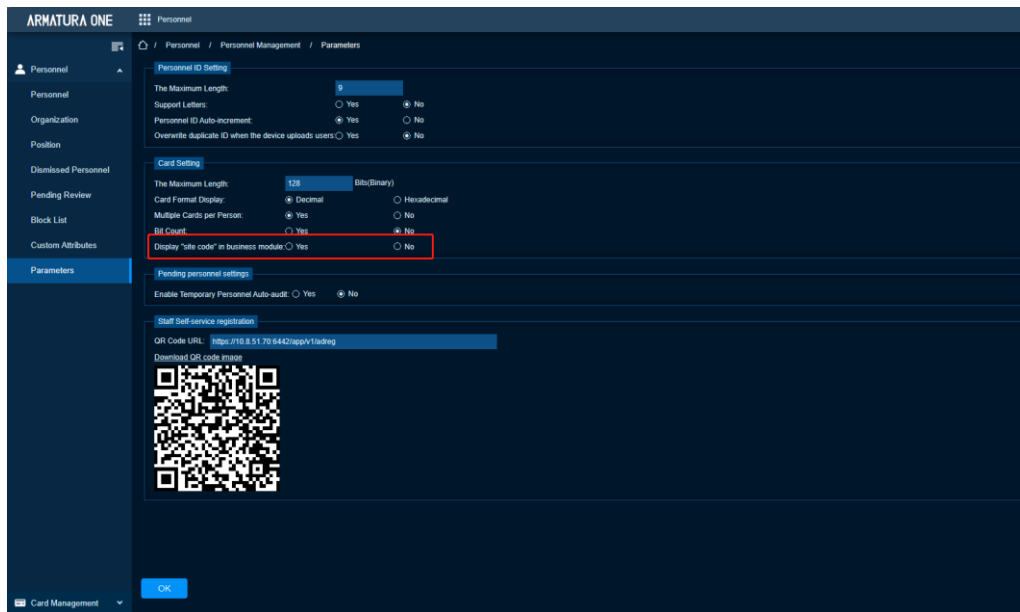
● New login interface



● Optimize the internal interface UI - New light color mode

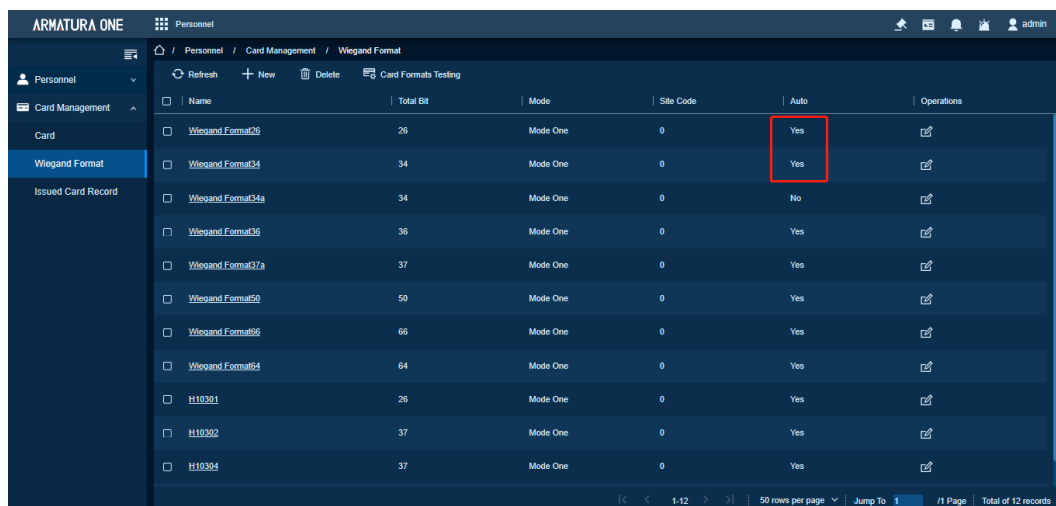


● Add whether to display site code option



For safety, an option to display site code is added to the [Personnel Management] > [Parameters]. If the display is enabled, the site code will be displayed in all relevant business modules, such as Access module, Elevator module, etc.

● Standalone Terminals support Wiegand 2.0

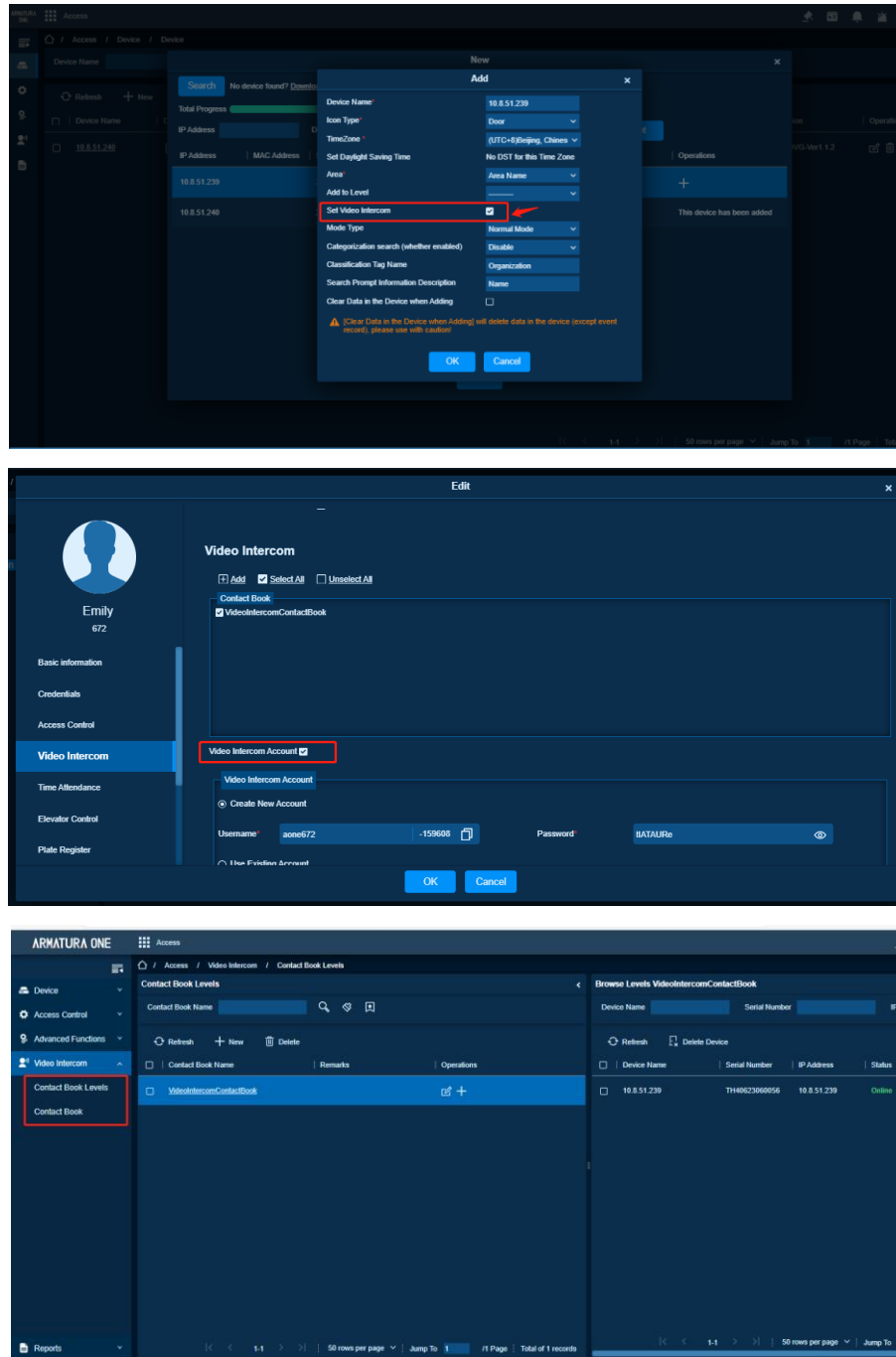


If [Auto] distribution is set YES for the Wiegand format on [Card Management] > [Wiegand Format] page, it will be distributed to the OmniAC20/30 device. Then the standalone devices will support reading cards in multiple Wiegand formats.

***Note:** This feature requires OmniAC20/30 firmware support, if need, please contact with Armatura Supporting Team.

2 Access Control Module

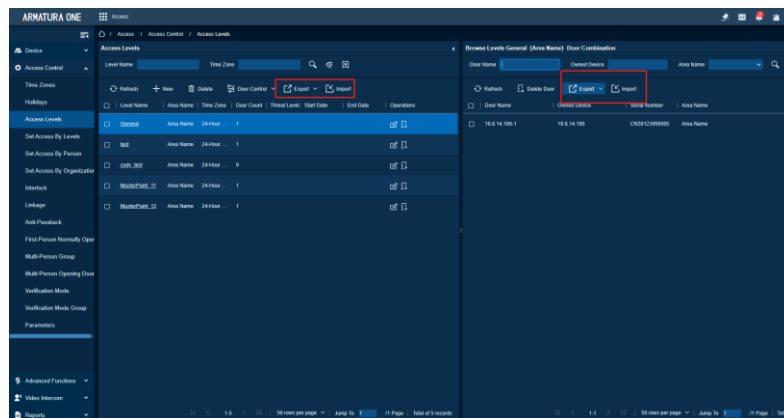
● Add Video Intercom function



*Note:

- 1) This feature requires OmniAC20/30 firmware and Armatura ICS application support,
 - 2) This feature is controlled through license,
- if need, please contact with Armatura Supporting Team.

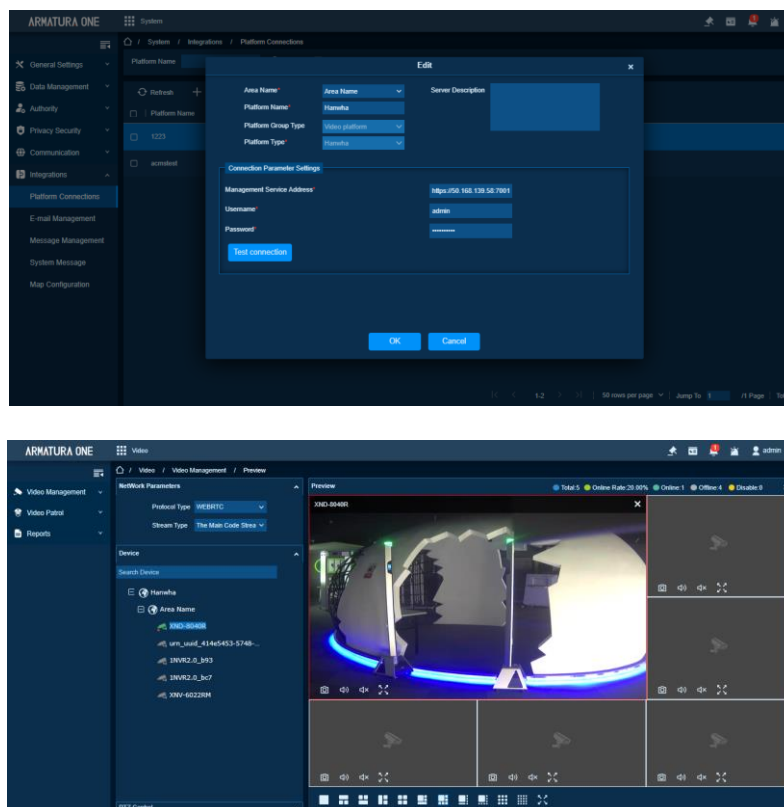
● Support importing/exporting access levels



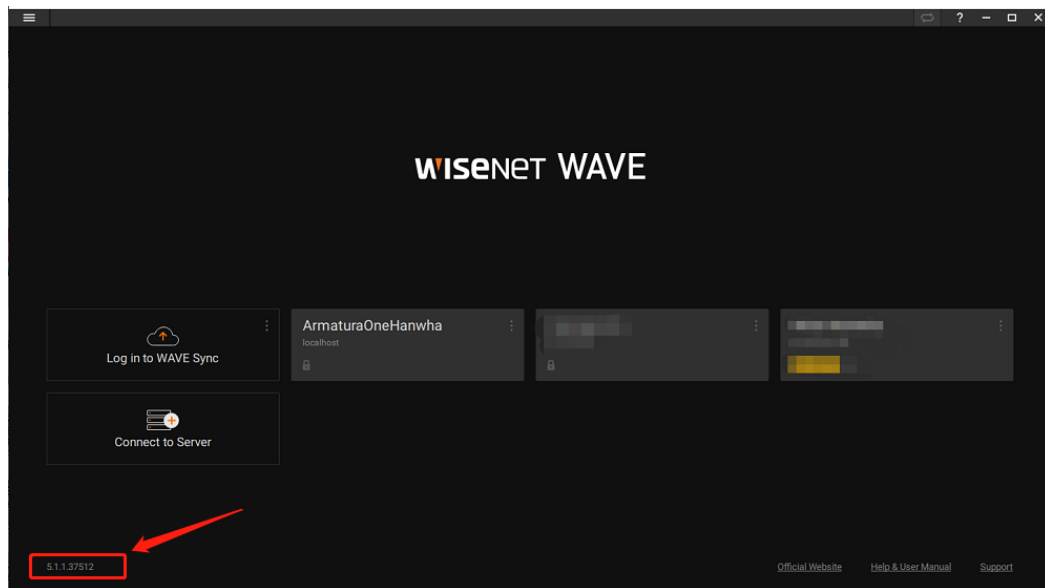
Support importing/exporting access levels, it facilitates data migration.

3 Video Module

● Support integrated Hanwha video platform



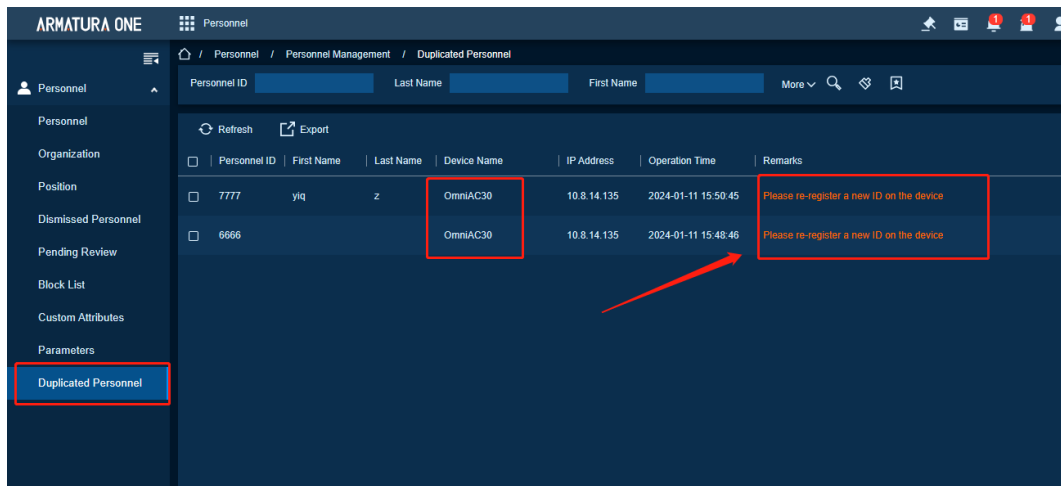
Integrated with the Hanwha video platform, it supports video preview and playback functions, and can manage camera devices on the map. In the Access module and Elevator module, linkage of recording with the video module can be set. Also, can view the video event reports and export them.



***Note:** Armatura ONE supports the integration of Hanwha client software version 5.0 and above.

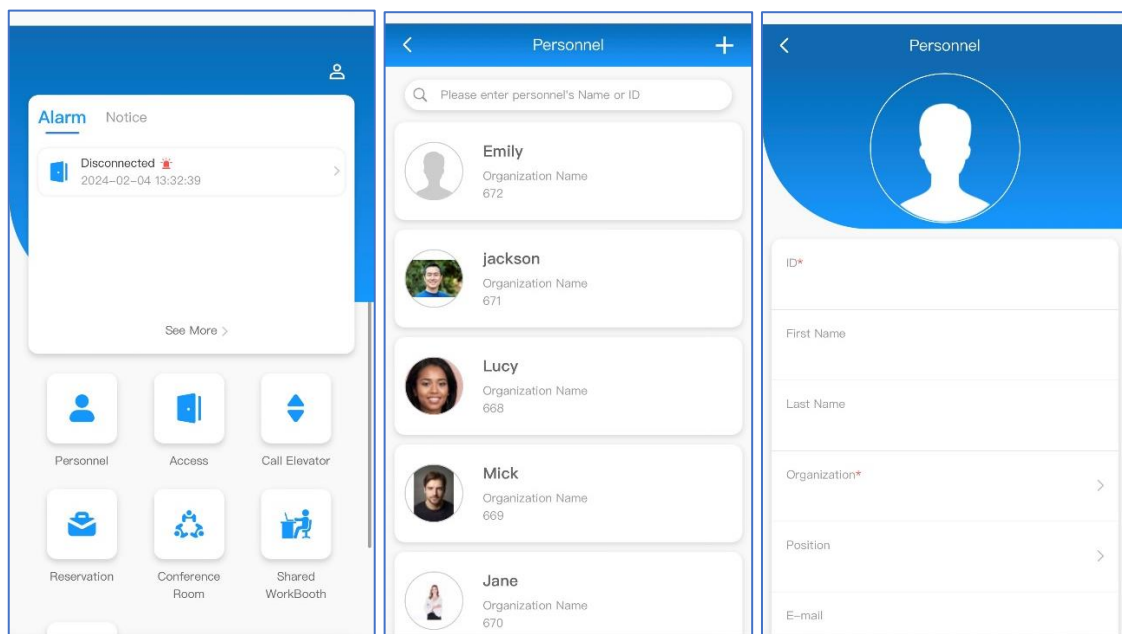
4 Personnel Module

- Improved duplicate registration of personnel on different stand alone terminals



When the standalone devices OmniAC20/30 use a registered person ID for new user registration, the person will be recorded in the Duplicate Personnel page and will not overwrite the previously existing person.

- Add a personnel module to the H5 interface on the mobile



Support adding, searching, deleting personnels, and auditing pending personnel.

● Add professional words explanations

This screenshot shows the 'Mask' field in the Wiegand format editing interface. A red box highlights the field and its associated explanation text:

Mask ⓘ
Mask is a specific value that designates which bits should be included in the parity calculation. "1" means include bit. "0" means ignored bit.

The interface also includes fields for Name, Total Bit, Site Code Limitation, CID(c)Start Bit, CID(c)Length, Site Code(s)Start Bit, Site Code(s)Length, Manufacturer Code(m)Start Bit, Manufacturer Code(m)Length, Parity 1 Location, Parity 1 Sort Type, Start Bit, Parity Length, and Card Check Format. There are buttons for 'Delete' and '+Add Parity Check'.

This screenshot shows the 'Card Check Format' field in the Wiegand format editing interface. A red box highlights the field and its associated explanation text:

Card Check Format ⓘ
"P" means parity.
"C" means cardholder ID.
"S" means site code.
"M" means manufacture code.
"X" means ignore bit.

The interface also includes fields for Name, Total Bit, Site Code Limitation, CID(c)Start Bit, CID(c)Length, Site Code(s)Start Bit, Site Code(s)Length, Manufacturer Code(m)Start Bit, Manufacturer Code(m)Length, Parity 1 Location, Parity 1 Sort Type, Start Bit, Parity Length, and Mask. There are buttons for 'Delete' and '+Add Parity Check'.

Optimized the Wiegand format editing interface, adding explanations for value of Mask and Card Check Format.

Mask explanation:

Mask is a specific value that designates which bits should be included in the parity calculation. "1" means include bit; "0" means ignored bit.

Card Check Format Explanation:

‘P’ means parity;

‘C’ means cardholder ID;

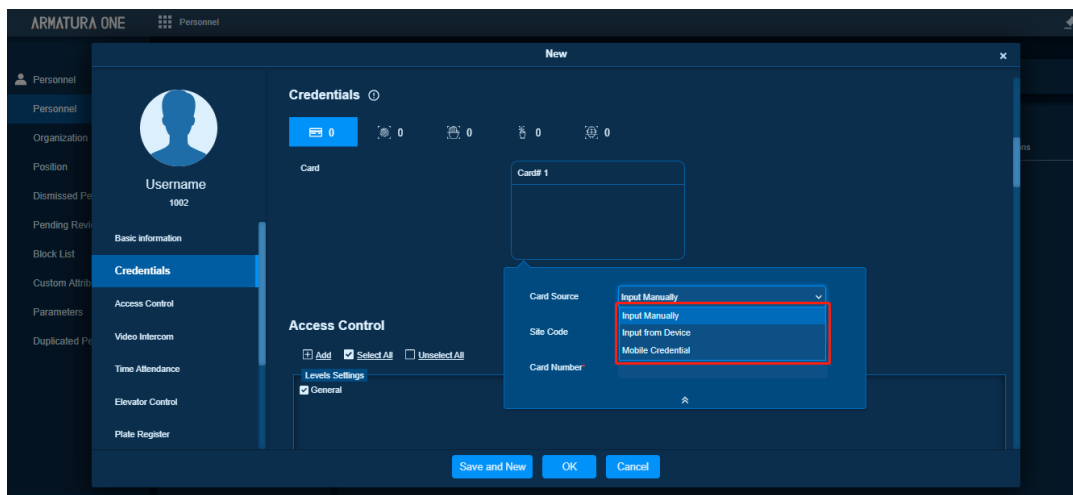
‘S’ means site code;

‘M’ means manufacture code;

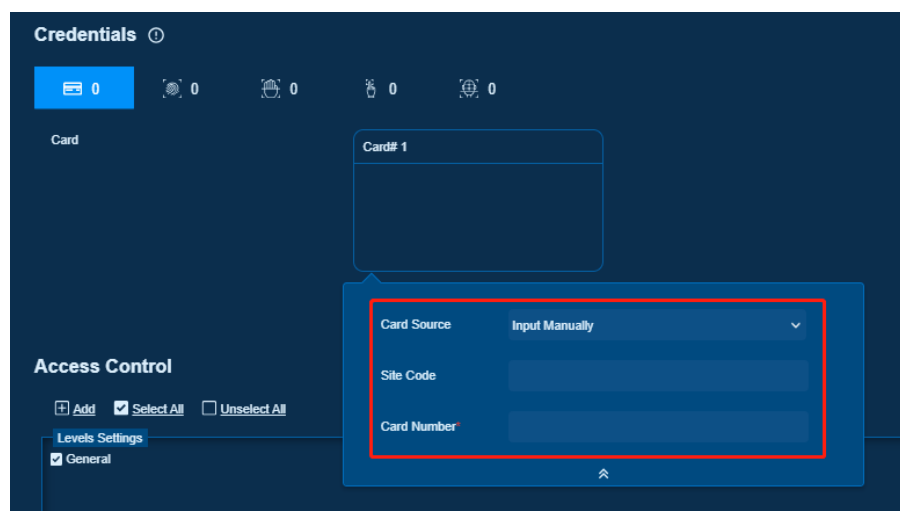
‘X’ means ignore bit.

● Card issuance interface optimization

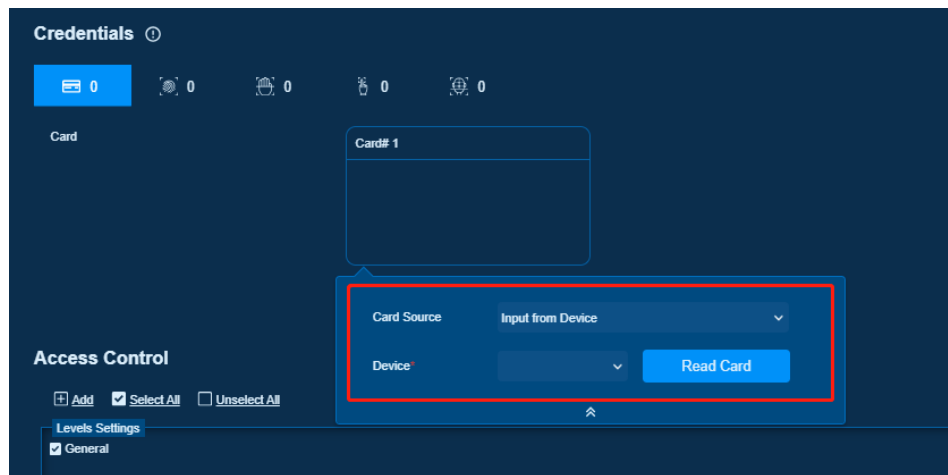
There are three card sources available for use: Enter Manually, Device Entry, Mobile Credential.



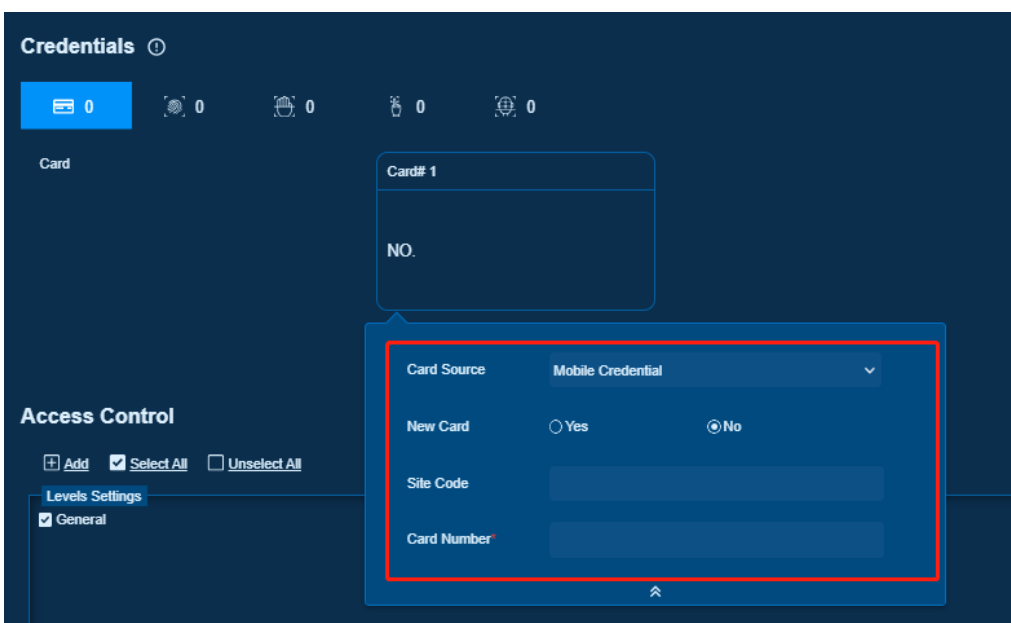
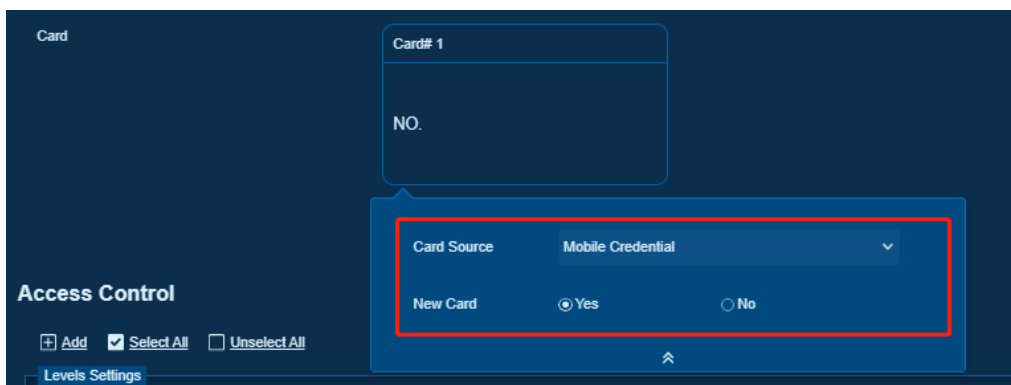
- a) When selecting Enter Manually, you can choose to fill in the bit count and site code of the card number.



- b) When selecting Device Entry, it is necessary to select the corresponding readable card device to register the card number.



- c) When selecting Mobile Credential, whether it is a new card can be chosen. If so, ACMS will automatically issue a new mobile credential. If not, then need to manually enter the existing ACMS mobile credential number.



5 System Module

● Optimization in AD Management

The screenshot displays the 'AD Management' configuration page in the Armatura One system. The interface is divided into several sections:

- Database Fields:** A table mapping database fields to AD fields.
- Import AD fields:** A table for importing AD fields.
- Reset configuration:** A button to reset the configuration.
- Synchronize permission group information:** A section with checkboxes for 'Synchronization permission group' and 'Synchronization members in permission group', and a 'Domain Node' input field. It includes a warning: 'Please perform the synchronization permission group first, otherwise the synchronization may fail.' and a 'Test connection' button.
- Synchronize permission role information:** A section with checkboxes for 'Synchronization permission role' and 'Role Domain Node' input field. It includes a warning: 'Please perform the synchronization user account first and make sure "User Account DomainNode" filled in, otherwise the role information will not assign to user automatically.' and a 'Test connection' button.
- OK:** A button at the bottom left.

Database Fields	Import AD fields
Personnel ID	Description
First Name	name
Last Name	Last name
Organization name	Organization
Mobile Phone	Mobile
Email	Email

Optimized the functionality of Active Directory management, supporting the synchronizing of users from different Active Directory fields to Armatura One as personnels and users, and supporting the synchronizing of groups in the domain to access levels in Armatura One.

Relevant features supported by historical software:

V3.0.0

Support integrated Twilio platform
Support data filtering on site codes
Support mobile preview videos
Support HTML5 video platform
Wiegand settings optimization supports multiple site codes
Ladder control supports AHSC and AHDU devices
Threat level support activation when triggers linkage
Supports Wigan format 2.0, supports multiple parity bits and dual parity check

V2.4.1

Fixed some bugs.
Improved software compatibility with databases: Oracle 19C and SQL Server 2019
Modified the display level of the color selector and the [New] page in the [Shift];

V2.4.0

DCS Upgrade;
Reset Person Availability;
Built-in HTML5 interface;
Support off-site approval and SOP;
Batch issuing mobile credentials;
Anti-passback and Interlock in P2P network;
Support custom field selection when exporting reports

V2.3.0

New personnel management interface;
Bio-photo is separated from the profile photo;
the public port;
Optimized device list interface;

Server local logins are not limited by the number of accesses and the number of errors;
Save and distribute guest faces to guest devices and conference devices;
The administrator displays a pop-up message in the status bar;
Devices that support communication using ZK-485 Monitor the records of the new expansion board in real time;

V2.2.0

New personnel interface - add avatars to the personnel management list;
Full support for AHEB system expansion boards;
Integrated with ACMS products;
New map center management interface;
Meeting room equipment is optimized;
Fix defects; Meeting room equipment is optimized;
Muster Point;

V2.1.0

Support OmniAC Series device;
Integrated ACMS development environment;
Added attendance, passage, parking, office, defense modules;
Browser alert message notification;
New access control real-time monitoring;
New topology management monitoring;
Threat level management;

V2.0.0

Added visitor, elevator control, intrusion alarm IA, building BA module;
Support Horizon Series devices;
Support booking meeting rooms and creating Zoom online meetings at the same time;

