

PRODUCT LINE: ACCESS

PRODUCT: ACT Enterprise

MODEL/VERSION: 2.15

CATEGORY: UPDATE

CONTACT: Local Technical Support

DATE: 2021-02-26

This document refers to **ACT Enterprise 2.15** or later.

The following is a list of new features and improvements included with **ACT Enterprise 2.15**.

No updated firmware required for this release.

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Integration to Avigilon Control Centre (7.10.2.8 or later)

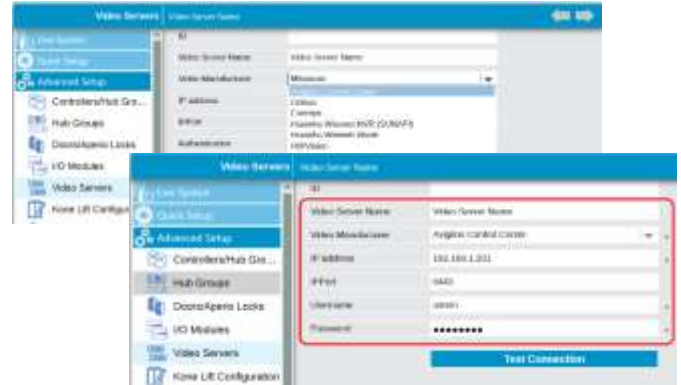
Step1: Add Video Server

From “**ACT Install | Advanced Setup | Video Servers**”
Choose “**Add Video Server**” on the top right corner.



Step2: Add connection details for Video Server

Select the video server manufacturer from the
“**Video Manufacturer**” drop-down list and enter
the connection details.



Save

Step3: Associating Cameras with doors

After the Video Server is successfully added, a
new “**Cameras**” menu option appears. From
“**ACT Install | Advanced Setup | Cameras**”
Choose “**Add Camera**” in the top right corner.



A. Select the Video Server from the drop-down
list.

B. Select the camera from the
“Connection address” drop-down list.

C. Enable the Camera

D. Select the Doors associated with the
camera. A single-camera can be
associated with one or more doors, and a door may have many camera associations.



Save

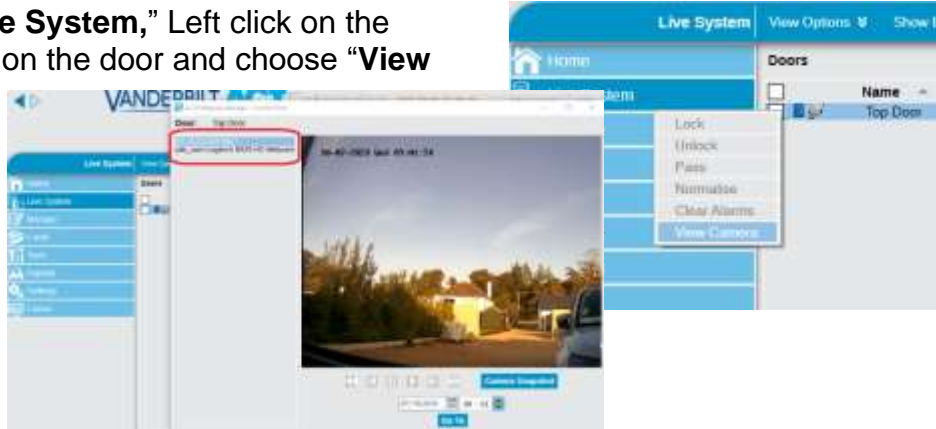
For the next camera to door(s) association, select “**Add Camera**” and repeat steps A to D.

ACTManage offers many ways to play live and recorded video directly from the Video Server.

Stream live video

From “**ACT Manage | Live System**,” Left click on the camera icon or right-click on the door and choose “**View Camera**.”

If more than one camera is associated with a door, select the required camera to view live video.



Replay recorded video associated with a door event

From “**ACT Manage | Live System**,” Right-click on the camera icon associated with the door event and choose “**View Camera**.”



Note: the lead-in time is 13 seconds before the event. Left mouse click plays live video



The recorded video associated with a door can be replayed from event in the “**User Tracking**” and “**Event Analysis**” reports



Integration to Hanwha Wisenet NVR (SUNAPI 2.5.7 or later)

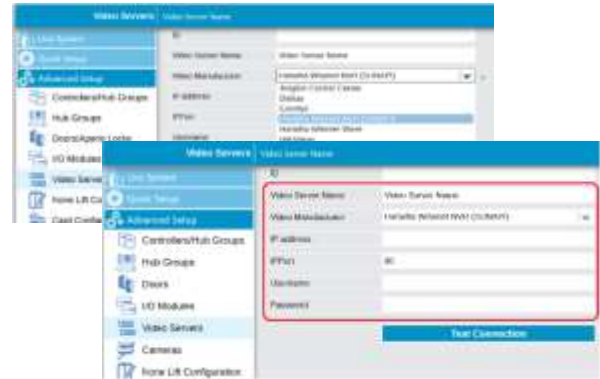
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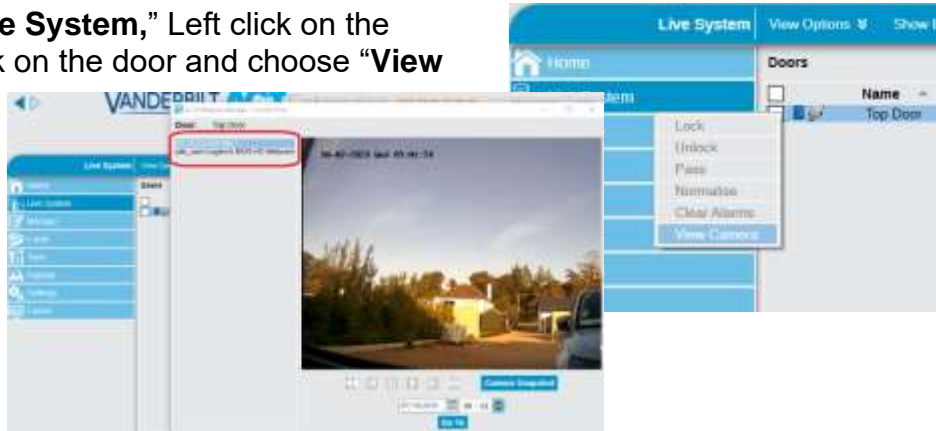
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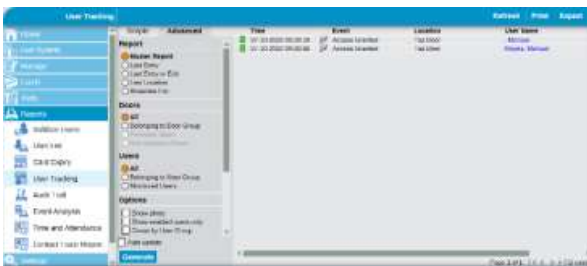
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ANPR Integration

ANPR (Automatic Number plate recognition) is also referred to as NPR (Number plate recognition) or LPR (License plate recognition), is a camera that can read the vehicle license and send a numerical representation of the license plate via a Wiegand interface.

Supported ANPR/LPR Cameras with Wiegand Output:

Dahua	Hikvision	Nedap
ITC237-PW6M-IRLZF1050-B	iDS-TCM403-AI (Firmware: ZP20210126195_tcm403_a_EN_STD_4.2.5_210129)	9986057 ANPR Access (3-6mtrs)
ITC237-PW6M-IRLZF1050		
ITC215-PW6M-IRLZF-B		
ITC215-PW6M-IRLZF	DS-2CD7A26G0/P-IZHSWG (Firmware: PJ14PC20200611184_H3_EN_STD_5.6.10_200706)	9986138 ANPR LUMO (2-10mtrs)
	iDS-2CD7A26G0/P-IZHSY(2.8-12mm) iDS-2CD7A26G0/P-IZHSY(8-32mm) iDS-2CD7A46G0/P-IZHSY(2.8-12mm) iDS-2CD7A46G0/P-IZHSY(8-32mm)	
ITC215-PW6M-IRLZF-O	All in firmware Firmware: 5.5.130_201021	

* Confirm with the individual manufacturer for an up-to-date list of ANPR/LPR cameras with 26bit Wiegand output.

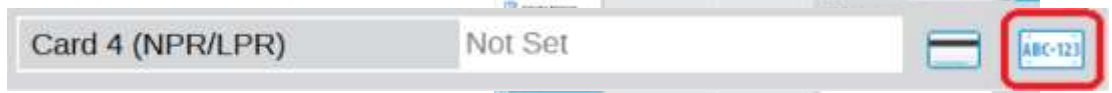
** Important that manufacturer's installation and configuration instructions are followed.

*** Only Latin character-based license plates are accepted.

**** The list of ANPR cameras may change

Assigning a license plate to a cardholder.

Step1: From the user screen in ACTManage, select the license plate icon at the card 4 position.



Step2: Enter the license plate and press **OK**. ACT Enterprise will capitalize all letters and remove any spaces before converting to a numeric value which is inserted in the card 4 slot, and the license plate is added to the background.



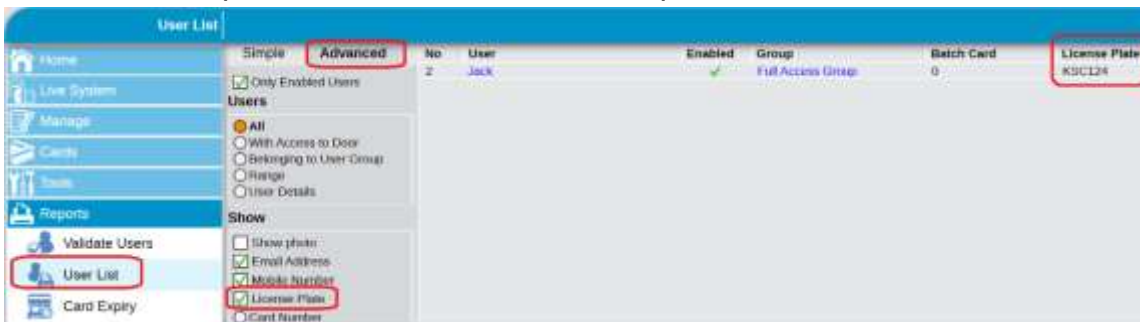
Search for License Plate

From “ACTManage | manage | Users” menu, list all users, select Advanced chevron and enter partial or full license plate. Press **Search**. The search license plate capability is not available in ACTMonitor.



Report users with License Plate

From “ACTManage | Reports | User List” select the “Advanced” tab and enable “License Plate”. A License plate column is added to the report.



Duplicate Cards:

26bit Wiegand offers a maximum of 16,777,215 unique combinations. Therefore it is possible that license plates may have duplicates: example of possible duplication.

License Plate	Token Number
NCMU77	6694562
ZH88FD	6694562
2NR367	6694562
Y82XEF	6694562

Copying license plate from user-defined field to License Plate Field

From “ACTManage | Tools | Populate ...” select “License Plate” from the drop-down list and select the user field to copy from.

Press **Copy**

*Note: the **Populate** tool can be used to copy **Mobile numbers, Email addresses, and user notes** from user fields into the respective fields.*



Select card format for 26bit Wiegand.

From “ACTInstall | Advanced Setup | Card Configuration,” select the “ANPR 26-bit Wiegand” from the Available list of formats. Select Use this format and Save.

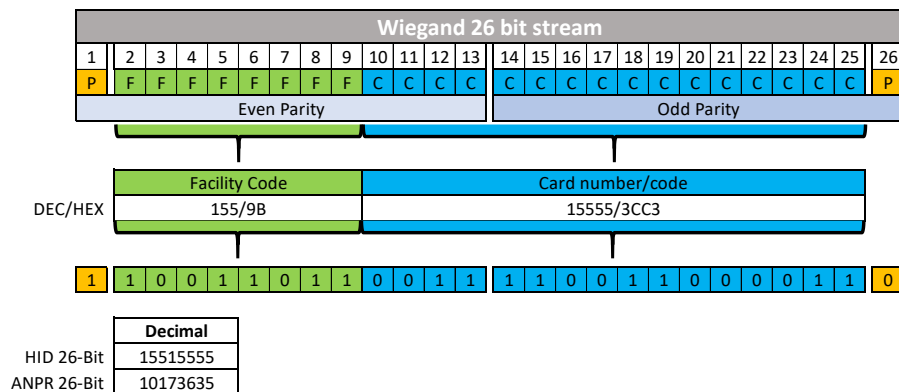


Important: “ANPR 26-bit Wiegand” format is **not compatible** with installations using “HID 26bit format”.

Example 26bit Wiegand card with Facility code: 155 and Card code: 15555

- HID 26bit Wiegand format combines the decimal value of the Facility and Card code: 15515555
- ANPR 26Bit Wiegand format uses the 24 data bits from the 26bit data stream to generate the decimal number: 10173635

Example based on 26bit Wiegand card with Facility code: 155 and Card Code: 15555



ACT Kone elevator Integration



ACT Enterprise/ACTpro software 2.15 fully supports the entire suite of Kone interfaces offered by the Kone API and is subject to a license from Vanderbilt “Kone Integration License” (P54508-P120-A100).

- Traditional DCS
- Conventional
- Hybrid DCS
- Turnstile

The COP (Car Operating Panel), DOP (Destination Operation Panel) and Turnstile may have a reader that is connected to the access control system. When a cardholder is successfully authenticated by the access control system a mask is sent to the appropriate Kone server with the available floors for that user.



Terminology:

COP = Car Operating Panel is located within the elevator car

DOP = Destination Operation Panel is located in the lobby outside the elevator car

COP and **DOC** are controlled by the **ELI** (Elevator Locking Interface)

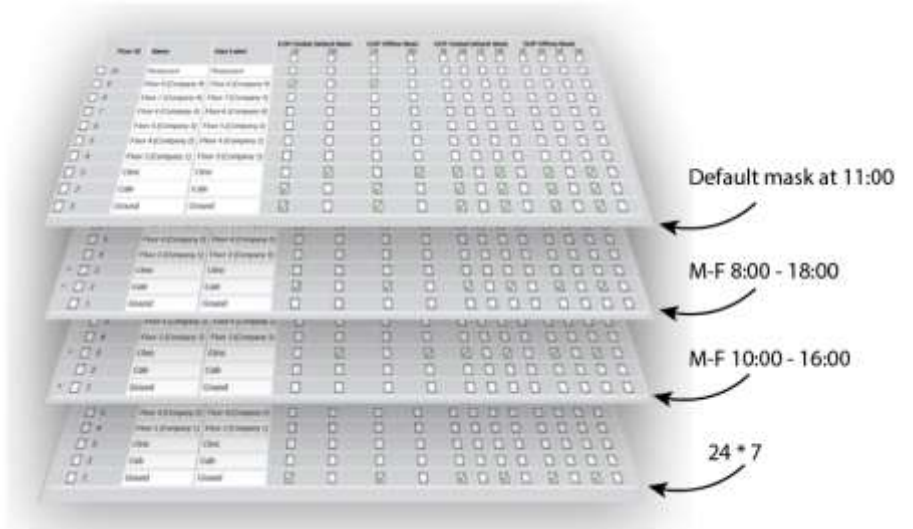
Turnstiles are controlled by the **RCGIF** (Remote Call Giving Interface)



Kone Scheduled Masks

Kone Scheduled masks are default masks that define what floors are available at a particular point in time to unauthenticated users. Scheduled masks are ideal in a scenario where a floor is open to the public such as public restaurant, public clinic, reception of a company.

Scheduled masks are activated on a time zone and accumulated together, then sent to the Kone server which presented to the public available floors that don't require authenticated access.



User group Access Rights

Kone access rights are defined per user group in the Kone Lift Configuration tab. **“ACTManage | manage | User Group | <Group ID> | Kone Lift Configuration”**



User Access Rights

Each card holder inherits the Kone configuration from the user group and the Kone configuration can be modified per card holder. Modifying the Kone configuration creates a copy of the Kone configuration. For example an individual cardholder may require a different call type or different mask configuration that what is defined by the usergroup.

“ACTManage | manage | Users | <User ID> | Kone Lift Configuration”



New Call Types

- Normal (default)
- Handicap
- Priority
- Empty car
- Space allocation

Process for DOP, COP

- The user swipes on DOP or COP panel (reader embedded behind or beside the panel)
- ACTEnterprise detects access granted and determines that it is associated with a Kone DOP or COP. ACT Enterprise sends message to Kone group controller(s) associated with the panel informing it of the floors the user has access to,
- The DOP or COP lights up available floors for the user's selection
- If the user fails to select a floor within the configured timeout, the panel denies access
- **DOP:** When a valid floor is selected, the panel informs the user of the preferred lift to take and sends back a confirmation message to access the system
- **COP:** When a valid floor is selected, the lift begins its journey and sends a confirmation message back to the access system confirming the floor selected

Process for Turnstiles

- The user swipes through the turnstile
- Assuming they are granted access, they pass through
- ACTEnterprise detects access granted on turnstile reader and determines that it is associated with a Kone Turnstile
- ACTEnterprise sends message to Kone group controller(s) associated with the panel informing them of the user's Home Floor and call type (if set)
- Turnstile can advise the user to proceed to a specific lift

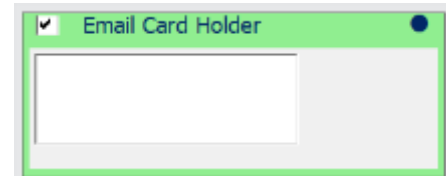
New available Wiegand card formats

ACTInstall | Advanced Setup | Card Configuration New Wiegand formats ANPR 26-Bit Wiegand” and “ZKTeco Bio.”

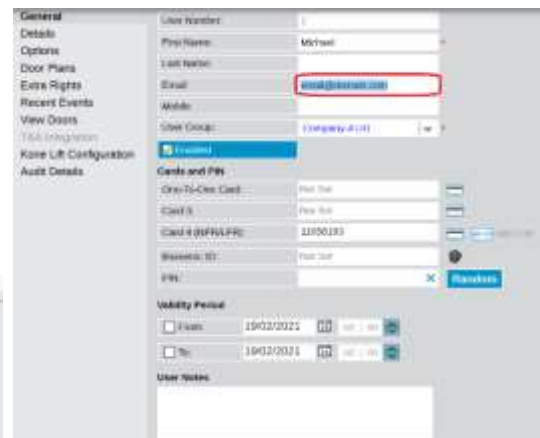


New Rules engine Action “Email cardholder”

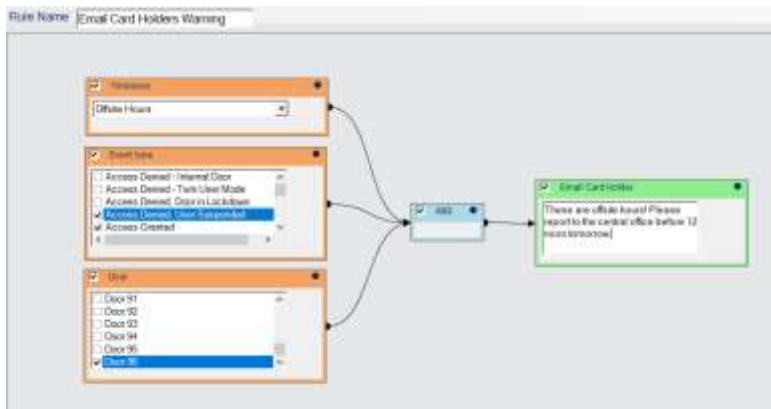
ACTManage | Manage | Rules New Action command “Email cardholder.”



The CardHolder must have a valid email address in their user profile **“ACTManage | Manage | Users | <User ID> | General.”**



The rule must be based on an event type that includes cardholders. E.G., Access Denied events.



Allow Controllers with duplicate IP addresses.

ACTInstall | Advanced Setup | Controllers | <Controller ID> | Communication

Can add IP controllers with duplicated IP address but different port numbers.

Example

Controller 1 192.168.1.2:10001

Controller 2 192.168.1.2:10010

This feature makes it possible to implement port forwarding on a router where limited external IP addresses are available.

Improved connection stability of ACT-USB reader

In ACTInstall, Improved USB connectivity and stability of ACT-USB reader when creating configuration cards.

Improvements to the biometric registration process

In ACTManage, do not allow the operator to proceed with biometric registrations if USB biometric enrollment reader is not detected.

DBUser SSO improvements

In ACTManage, Improved the efficiency of the DBUser Single Sign On (SSO) by assigning a unique AD ID to each DBUser.

Updated the global list of time zones

Update time zone list to include Adelaide and Darwin (UTC + 9:30) and many more. Previously time zone was rounded up to the full hour. E.G Adelaide was rounded up to UTC+10.

Improvements and bugfixes

- ACTManage:** Remove AUX-I from the rules engine
- ACTManage:** Change tooltip resistor value in ACTEnt to 4k7.
- ACTManage:** Issue when 29th February is a holiday and current years does not have 29th.
- ACTInstall:** Identify ACTpro-1500 as legacy is installed.
- ACTInstall:** Right-click on controller in system tree to clear alarms from controller and door stations.
- Server Client:** Allows firmware upgrading of ACTpro-eLocks
- User Import tool:** Resolve issue with import user pins.