

MODEL/Version: 2.14

DATE: 2020-10-21

This document refers to **ACT Enterprise** 2.14 or later.

The following is a list of new features and improvements included with **ACT Enterprise** 2.14. Some features require the associated controller firmware version 1.10.14 or later, which is shipped with the **ACT Enterprise** installation package (**Note:** the ACTpro-100 door station cannot be firmware updated).

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Integration to Kone Hybrid

The Kone integration is subject to licence from Vanderbilt "Kone Integration License" (**P54508-P120-A100**)

The Installation and configuration of the Kone Integration requires a detailed knowledge of the Kone interface and terminology and must be configured with Kone engineer and Security Installer on site.

Terminology:

DOP = Destination Operation Panel COP = Car Operating Panel RCGIF = Remote Call Giving Interface (Turnstiles) ELI = Elevator Locking Interface (COPs and DOPs)

New Call Types

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



Access Rights

Access rights "Masks" are defined per Kone Group, ACT Enterprise User groups and/or individual users - Masks are inherited.

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Floor Configurat	tion	Group Contro	oller Pane	·I																			
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	2	F3											3										
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Process for DOP, COP

- User swipes on DOP or COP panel (reader embedded behind panel)
- ACT Enterprise 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 them of the user's access rights
- 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 message to access system
- COP: When a valid floor is selected, the lift begins its journey and sends message back to access system confirming the floor selected

Process for Turnstiles

- User swipes through the turnstile
- Assuming they are granted access, they pass through
- ACTpro detects access granted on turnstile reader and determines that it is associated with a Kone Turnstile
- ACTpro 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 user to proceed to a specific lift



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Integration to Hanwha Wisenet Wave Version 4

Step1: Add NVR/DVR

From "*ACT Install | Advanced Setup | DVRs*" Choose "*Add DVR*" on the top right corner.

Step2: Add connection details for NVR

Select the NVR/DVR manufacturer from the "*DVR Type*" drop down list and enter the connection details.

In the example Basic Authentication mode is selected and the local NVR username/password combination is used.



Hub Groups

OSDP Readers

Controllers/Hu

OSDP Reader

Save

Step3: Associating Cameras with doors

Once an NVR is successfully added to the System a new "Camera" menu option appears under "DVRs" From "*ACT Install | Advanced Setup | Cameras*" Choose "*Add Camera*" in the top right corner.

Note: Hanwha Wisenet Wave is used for illustration purposes the same process applies to all integrated NVR manufacturers.

- A. Choose the NVR from the DVR dropdown list.
- B. Select the camera from the "Connection address" dropdown 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.

OSDP Real

DVRs
Cameras
Kone Lift Configur
Card Configuration

Save

For the next camera to door(s) association; select "Add Camera" and repeat steps A to D.





"ACT Manage" offers many ways to play live and recorded video directly from the NVR.

Stream live video

To view live video from cameras associated with a door from "ACT Manage | Live System" Right click on the door. Choose "View Camera". Select between cameras to view live video.





Replay recorded video associated with a door event

To replay recorded video associated with a door event. "**ACT Manage | Live System**" Right click on the camera icon associated with the door event and choose "**View Camera**".

		📇 ACTExterprise Manage - Certreis View			- 🗆 X
		Door: Top Door			
New Options & Show En	abled doors	usb_cam-Logitech 0525 HD Webs	- 10-07-2020 Hed 0	8159145	•
loors	Recent Events				
Name -	Time 07.14-0.0200912.27 07.14-0.0200912.27 07.14-0.0200912.27 07.14-0.02009167.20				Concerts Statestart Projektives Statestarts

Home	Doors		Recent Events		
- Live System		Name 🔶	Time	Event	Location
	- BØ	Top Door	07-10-2020 09:12:27	Access Granted	Top Door
7 Manage			07-10-	Access Granted	Top Door
			07-10- View Camera	Access Granted	Top Door

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



Alternatively; recorded video can be played from door events in the "User Tracking" and "Event Analysis" reports

User Trackir	9			Refresh Print Export
Inorne In: Live System In Manage Cards VIT mode	Simple Advanced Report Muster Report Last Enny Last Enny Last Enny Advantue List	Time Event ■ 07-30-2020 09:28:39 57 Access ■ 07-30-2020 09:28:46 57 Access	Location Chanted Top Door Granted Top Door	User Name , Mchaal Moyna, Mchaol
Repons Natifua Users User Lea Card Dxpry Set User Tracking	Doors All Comparing to Door Group Contracting to Door Group Contracting to Doors Users All Celoraging to User Group Miniment Users			
Audit Trail Audit Trail Cent Analysis Contact Trace Report Contact Trace Report Contact Trace	Options Show photo Show enabled users only Group by User Group Auto update Generate	•		Page 1 of 1

Event Analy	ele				
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Validate Users	Blaionging to User Group Doors All Single Beionging to Door Group	l			
Audit Trail Event Analysis Time and Attendance Contact Trace Report	Time Today Vastactay This Weak Last Weak This Mosth Last Month	Ţ			
🗱. Settons	Generate		<		

Step3: Associating Cameras with doors

Once an NVR is successfully added to the System a new "Camera" menu option appears under "DVRs" From "ACT Install | Advanced Setup | Cameras" Choose "Add Camera" in the top right corner.

Note: Dahua NVR version 3.0.52 or later is used for illustration purposes the same process applies to all integrated NVR manufacturers.

- E. Choose the NVR from the DVR dropdown list.
- F. Select the camera from the "Connection address" dropdown list.
- G. Enable the Camera
- H. 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.

Integration to Dahua: NVR version 3.0.52 or later

Step1: Add NVR/DVR

From "ACT Install | Advanced Setup | DVRs" Choose "Add DVR" on the top right corner.

Step2: Add connection details for NVR

Select the NVR/DVR manufacturer from the "DVR Type" drop down list and enter the connection details.

In the example Basic Authentication mode is selected and the local NVR username/password combination is used.

Save

Controllers/Hub Gr Doors/Aperio Lock OSDP Readers 🖶 I/O Modules DVRs 🛒 Cam





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"ACT Manage" offers many ways to play live and recorded video directly from the NVR.

Stream live video

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Alternatively; recorded video can be played from door events in the "User Tracking" and "Event Analysis" reports

User Tracking					Refresh Print Export
I Home III Live System III Annage Cards III cards III	Simple Advanced Report Muster Report Clast Entry or Exit Clast Location Absentier List	Time 07-30-2020 09-28-39 07-30-2020 09-28-46	∎vent ⊊ Access Granted ⊊ Access Granted	Location Top Door Top Door	User Name , McChael Moyna, Michael
Reports	Doors All Clicitrying to Door Group				
Liser List	OPerimeter doors Arti-passback Doors				
User Tracking	All Belonging to User Group Officient				
Event Analysis	Show photo Show embled users only Croup by User Croup	•			
Contact Trace Report	Generate				Page 1 of 1 (()) (2 users)

Event Analys	sia				
A Horne	Simple Advanced		Time 07.10.2020.09-12-27	Event	Location Ten Door
	Events	÷.	07-10-2020-08:58:56	Granted	Tep Door
	Demarg tic Transcork 🔽		07-10/2020/08:58:49	Access Granted	Tep Door
🛫 Manage	Access/Exit cenied		07-10-2020 08:48:14	Gented Access Granted	Tep Door
Cards	Control Events	- 11			
Toals	Users	-1			
Reports	O All				
🖂 Validate Users	O Belonging to User Group	- 11			
🧞 User List	Doors	- 1			
ard Expiry	All O Single				
😨 User Tracking	Ulleionging to Door Group	- 11			
Audit Trol	Time	- 11			
Audit Ital	Today				
Event Analysis	O Yesterday O This Week				
Time and Attendance	O Last Week				
Contact Trace Report	O Last Month	÷			
K. Settions	Generate		<		

Suppress Door Forced on Exit button (PB/REX)

ACT Enterprise 2.14: ACT Enterprise supports "**Suppress Door Forced on Release Button**" when the door/portal is configured for "Access Only" and "Push Button (PB/REX) is enabled for egress.

This option is used in conjunction with mechanical locks (e.g. Abloy EL460/EL582) that have free egress. The egress out signal in the internal lock is wired to Push Button(PB/REX) input on the ACTpro controller. This option prevents a "*Door forced message*" being generated when the door is configured for "Access only" and manually opened from the inside. The operation is as follows:

- 1. The egress out signal in the internal lock is wired to the Push Button (PB/REX) input on the ACTpro controller.
- 2. If door contact signal changes within the define "Door Ajar Timer", the door forced event is suppressed.
- 3. If door contact is not closed within the defined "Door Ajar Timer", the door will activate a "Door Ajar" alarm.
- 4. If door contact changes after 'Door Ajar timer' a door forced event is generated.

Prerequisite:

- ACTpro-1500 firmware 1.10.26 or later is required (Shipped with ACT Enterprise 2.14 or later)
- ACTpro-100 firmware 1.36 or later is required

From "ACT Install | Advanced Setup | Doors | <Door #> | Operations" tab; enable "Access Only" and "Suppress Door Forced"

Note: "Access Only" option must be enabled before "Suppress Door forced on release button (PB)" can be selected.

Door Details		
Cold Details Cold Details Cold System Cold Setup Cold Setup	General OSDP Readers Timers Operations AUX Relay OP2 and OP3 Reporting	Very Exit Very Very Very Very Very Very Very Very
IIO Modules IIO Modules IIIO Modules IIIO Cameras Cameras Cameras Card Configuration Card Configuration SPC Panels		Incruder Fanel Acts alights Brank glass Transignes Acts alights Brank glass Lections Reader Decidem Reader Decidem Reader Decidem Children Code and RR remained for Aren Risem Code and RR remained for Aren Risem Suppress doc Forced on release Lutton (PE) *

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To define the time a door can remain open before a "Door Forced" event is generated, from "*ACT Install | Advanced Setup | Doors | <Door #> | Timers*" tab; define "<u>Door Ajar Timer</u>"

Door Details			
Live System	General OSDP Readers	Relay timer	þ
Quick Setup	Timers	AUX output	2
🖧 Advanced Setup	Operations	OP2 timer	5
Controllers/Hub Groups	AUX Relay	OP3 timer	5
Hub Groups	OP2 and OP3 Reporting		
Doors	haponing	Door ajar timer	30
OSDP Readers		Extended Relay timer	30
- I/O Modules		Tracking Delay timer	0
DVRs		Relay Delay timer	0
🛒 Cameras			
Kone Lift Configuration			
ard Configuration			
SPC Panels			
Biometric Readers			

Shunt Aux Relay

ACT Enterprise 2.14: To facilitate a security guard moving through a building without the need to disable the intruder zone at each door. A new "Shunt AUX Relay" option has been added to "Doors | Aux Relay" option. The AUX relay must be wired in parallel to intruder zone input thus shunting the alarm zone input.

Prerequisite:

- ACTpro-1500 firmware 1.10.26 or later is required (Shipped with ACT Enterprise 2.14 or later)
- ACTpro-100 firmware 1.36 or later is required

To enable the Shunt Aux Relay feature from "ACT Install | Advanced Setup | Doors | <Door #> | AUX Relay" tab; enable "Shunt Aux Relay"

Door Details			
	General	Relay timer	5
👜 Quick Setup	Timers	AUX output	10
Advanced Setup	Operations	OP2 timer	5
Controllers/Hub Groups	AUX Relay	OP3 timer	5
💷 Hub Groups	OP2 and OP3		
Doors	кероппд	Door ajar timer	30
OSDP Readers		Extended Relay timer	30
		Tracking Delay timer	0
- IO Modules		Relay Delay timer	0
DVRs			
🚝 Cameras			
Kone Lift Configuration			
🚖 Card Configuration			

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To define the "Shunt Aux Relay" time

from "ACT Install | Advanced Setup | Doors | <Door #> | Timers tab; enable "<u>Aux Output</u>"

The "Anti-tailgate" operation should be enabled. When

enabled the Main Relay turns off when the door contact opens. The Aux Relay turns off when the door contact closes within the "AUX Output" time ensuring the intruder zone input remains shunted.

From "ACT Install | Advanced Setup | Doors | <Door #> | Operations" tab; enable "Anti-tailgate"



Summary of operation:

- If the door is closed before the end of the "AUX output" timer, the AUX relay will deactivate and the timers are immediately reset.
- If the "AUX output" timer expires and the door contact remains open, the AUX relay will deactivate making the intrusion system aware that there is an alarm state on the intruder zone.
- The following unlock conditions will cause the AUX Relay to follow the Main Relay:
 - Timed Action
 - Door Command i.e. Unlock and Pass
 - o Toggle
 - Fire Event
- On a momentary door unlock the AUX Relay will activate for the "AUX Output" time under the following actions.
 - o Access granted
 - Exit Granted
 - Pass command
 - o PB/RTE
- Where the relay delay timer is enabled:
 - The AUX relay is activated immediately

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• The Main relay is delayed for the defined specified period

Clear Door Alarm

ACT Enterprise 2.14: The Clear Door Alarm featured was implemented as a second method to clear door alarms when used with a lock that has a mechanical override. "Clear Alarm(s)" command permits the operator to clear the alarm from the software. In previous versions the operator had to present a valid credential at the entry reader.

To clear a door alarm the cause of the alarm condition must be resolved for "Breakglass" and "Door Ajar" however "Door Forced" and "Duress Code" can be cleared with a valid credential or from the software with the "**Clear Door Alarm**" command.

The "Clear Alarm(s)" command can be initiated from:

- 1. "ACT Install | Live System | Right Click Selected Door(s) | Actions | Clear Alarms"
- 2. "ACT Manage | Live System | Select Door(s) | Clear Alarms"
- 3. "ACT SiteMaps Monitor| Right Click Door Icon | Command | Clear Alarms"



The rules engine has been updated with a new "Door Alarm Cleared" Event type and door command.





OSDP VR Buzzer Activation

ACT Enterprise 2.14: Vanderbilts' VR series of readers when connected via OSDP can now be configured to activate the internal reader buzzer and LED on the following events:

"Door Forced" and "Door Ajar": Upon entering an alarm state, the reader behaves as follows

- Solid Amber light frame
- Flashing red LED
- Solid buzzer
- If display present on the reader, it will display "Door forced" or "Ajar Alarm" in English only

"**Pre Door Ajar**": upon entering the pre door ajar alarm which is activated 10 Seconds before the Ajar period expires

- Solid Amber light frame
- Flashing red LED
- Intermittent buzzer

From	"АСТ	Install	Advanced	Setup	Doors	<door< th=""><th>#></th><th>1</th></door<>	#>	1
Operations" tab; enable " <u>OSDP Buzzers</u> "								

Door Details 1-Door 1 - 1							
Coor Details Coor Details Co	Elder I - I General OSDP Readers Timers Operations AUX Relay OP2 and OP3 Reporting	Door Dat Prese Nuttore In First Cont In First Cont In First Cont In First Cont In First Cont In First Cont In Co					
Controllers/Hub Groups Hub Groups Doors OSDP Readers HO Modules DVRs Cameras	AUX Relay OP2 and OP3 Reporting	Dat HVs Dat Security Dat Security Installad Traple operation Proper operation Proper operation Proper operation Proper operation Proper operation Properation					
Kone Lill Configuration Card Co		Lockdown Reader Dony White Card Dony White Card Dony White Card Card and PNI required for Anny Disem Suppress door forced on relissa button (PS) Door buzzler Silent operation Chine					
Geting:		Geset button OSDP ButZers But					

Decouple ACTEnterprise and Milestone servers

From ACTEnterprise 2.14 it is possible to run ACTEnterprise and Milestone on separated servers. For the Milestone plugins to work both servers must be on the same corporate domain.



Add user status filtering in "Validate Users" report

From "**ACTManage | Reports | Validate Users**" expand the "**Advanced**" search criteria; it is now possible to search by enabled and disabled users.

Validate Users	Search 🔎 Adva	inced 🗙			Print Export
📝 Manage 🦰	User Group	<all groups=""></all>	_		
Cards	Expired	Inactive 2 Months	All Users Only Eachlad Users		
Tools	Expire By Today	Since: Select a date 15 08 : 25	 Disabled 		
Reports	• Expire By Date 12/10/2020	1		Search	
Validate Users	No Name	Group Enabled Disabled by	Valid From	Valid To Vali	id Last Activity

Improved speed of AD user lookup for Single Sign On (SSO).

Step 1: Enter the partial or full name of the user in the "Name" or "Search Name" field

Step 2: Select "Search"

Step 3: Select the correct person from the "Use Windows Authentication" drop down box

Press "Save"

DB User Details	Moyna							
🏠 Home	General	Number:	7					
Live System	lenants	Name: Moyna				* Change Password		
🗊 Manage		Role:	Administrator		 ▼			
Users		Search Names Moyna			Search			
		Use Windows Authentication						
oser Groups		Allow						
Door Groups			Michael Moyna		357]	Full	RO	None
Doors		Connect & view status		 Image: A second s	Locations	•	\bigcirc	0
Timezones		Download data		 Image: A second s	Controllers	•	\bigcirc	\bigcirc
innezones		Card manager		 Image: A second s	Users & visitors	•	\bigcirc	0
🛐 Holidays		View event analysis		 Image: A second s	User Groups	•	\bigcirc	0
DB Users		User Tracking reports		 Image: A second s	Doors & groups	•	\bigcirc	0
		Time & Attendance		 Image: A second s	Timezones & Holidays	•	0	0
Rules		View audit trail		 Image: A second s	Time & Attendance	•	0	0
👔 Rule Counters		Administer database		 Image: A second s				
Flevator Manager		Control doors & outputs		 Image: A second s				
		Can use mobile app?		 Image: A second s				
Inputs						Del	ete	Save



Bugs

- Event Analysis cannot select a single user in the Advanced tab
- Email muster report contains only one user
- ACT and Kone Inability to clear alarms
- Last Activity reporting missing data
- Muster gives blank CSV
- Rules do not work when you are adding timezone
- Action Duration not working as intended
- No log event for unsuccessful arming of door
- Biometric readers corrected drop-down list
- Multiple Licence.xml backups
- Imported photos not showing in Manage
- Floorgroups migrated from JET databases
- Contact trace report caching issue fixed
- Challenge in Monitor fixed