

# ACT Cheat Sheet

## Readers, cards and tags

### • VR SERIES

Standard



OSDP

Mullion



OSDP & Wiegand

### • ACT SERIES

1030e



Wiegand/  
Clock & Data

1040e



Wiegand/  
Clock & Data

1050e



Wiegand/  
Clock & Data



**DESFire EV2:**  
13.56MHz



**MIFARE Classic:**  
13.56MHz



**RFID:**  
125KHz

Suitable for indoor and outdoor use, Vanderbilt readers are designed in a variety of forms and reader technologies

MIFARE card technology is widely used for access control, cashless vending, smart printing/copying, transportation and stadium ticketing, etc.

For more secure applications, Vanderbilts VR series readers offer OSDP connection as well that means data in the card is secure before, during and after the transaction.

## Door controllers and input/output modules

### • ACT 1500 / 1520 SINGLE DOOR IP CONTROLLER (WITH / WITHOUT PSU)



### • ACT 100 DOOR STATION\*



### • ACT IOM MODULE



\* Please note, VR SERIES readers not compatible

## System setup and management

### • ACT INSTALL

used by the installer to set up controllers, readers and user profiles.



### • ACT MANAGE

used by system administrators to facilitate and manage the day to day operation of the system.



### • ACT MONITOR

used by the security guard/manager to view and monitor alarm events.



### • ACT ENTERPRISE APP

real-time monitoring, user management and administration from your smartphone.



## Integration



**FIRE ALARM**



**INTRUDER ALARM - SPC**



**RULES MAPPING**



**CCTV - Eventys, milestone**



**LIFT - Kone**



**ASSA ABLOY Aperio® wireless lock technology**



**BIOMETRIC**



**LONG RANGE & THIRD PARTY READERS**



**TIME & ATTENDANCE**



**CLUB MANAGEMENT & GYM MEMBERSHIP**



**STUDENT/CLASSROOM ATTENDANCE (SIMS)**



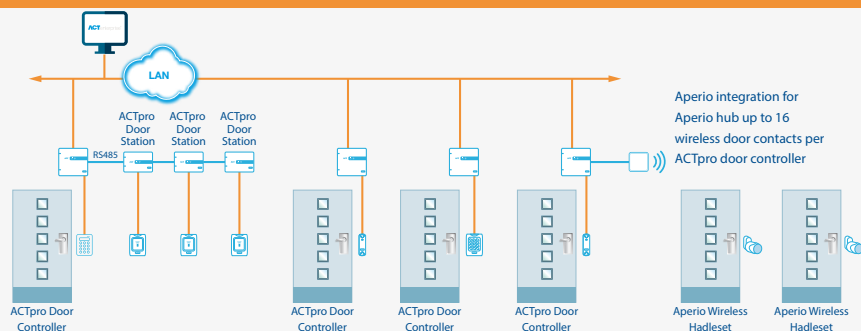
**CASHLESS VENDING**



**FOLLOW ME PRINTING**

# VANDERBILT

## System setup



## ACT pro technical specs

ACT 1500/1520 door controller	ACT 100 door station	ACT IOM module
Single Door IP Controller with Dual Ethernet switch Unlimited controllers	Single door station / expander	Input/output module
Supports "OSDP", "Clock&Data", "Wiegand" readers 60,000 users	Compatible with ACT 1500 / 1520 controllers Programmable inputs and outputs: push button, door contact, interlock Auxiliary relay output for alarms: door forced, door ajar, duress, door open, access granted, access denied	Compatible with ACT 1500 / 1520 controllers Up to 4 x IO modules per controller IOM supports 8 x supervised inputs
4 Credentials per user	5Amp, 30 volt DC lock relay and a 1Amp, 24 volt DC auxiliary relay Tampers and voltage monitoring	and 8 x 5 amp relays (outputs)
1,000 User Groups 5,000 Stored Log Events Main Relay and Aux Relay 12V/24V DC Power to PCB Monitoring: Tamper, Voltage, Mains present, Breakglass	LED status notification Requires 12Volt DC supply IP44 - indoor use only Dimensions - 165 x 236 X 55 mm	Tamper protection and 2 status LEDs Output switched on/off by log event, input, timezone Typical Applications: Elevator control
IP44 - indoor use only 0.56Kg Weight	0.5Kg Weight ACTpro 120e includes all details above PLUS: 12 volt DC 2A PSU Cable management system Space for 1 x 7Amp Hr Battery Battery deep-discharge protection	CCTV switching Alarm integration
Dimensions - 165 x 236 X 55mm TCP / IP - DHCP / Static IP addresses Onboard ACT Enterprise LITE software Faults reported on controller web server or ACT software		Dimensions - 165 x 236 x 55 mm 0.38Kg Weight
Fire override Interlock/Airlock Anti passback Arm/Disarm intruder panel Muster Reporting Users Import via ACT Software Extra rights and door plan included Supports up to 32 door stations Supports up to 4 x IOM modules		

## ACT Enterprise Features

### SECURITY

- Card and User Management
- User Groups & Time zones
- Lock/Unlock All Doors
- Real Time Events
- Anti Passback
- System Alarm Acknowledgment
- Elevator Control
- Random Challenge
- Data encryption from Card to Reader to Controller to Software (OSDP)
- Affordable online internal door options (Aperio) intuitive, easy to use I/O management for trigger detection with compatible devices
- Realtime view of SPC alarm zone status and events
- Send commands to SPC Set/Unset, isolate/deisolate, inhibit/disinhibit and restore
- Graphical maps – overlay zones onto Map
- Live Video display and switching between video camera sources connected to Eventys
- Playback of recorded video-sequences
- Kone lift integraton for Improved security with smoother People Flow



### RULES MAPPING MADE EASY

### RULES MAPPING

- Muster/Emergency Report (Automatic Print or Email)
- Fire Panel Integration (Open all doors in the event of a fire)
- Site Maps
- Counting Areas



### BENEFITS

- Flat system architecture
- Auto device discovery
- Simple to install and maintain
- IP at the door  
Simplified processes
- Highly intuitive "point and click" interface
- Minimum training or technical support
- Easy to quote, easy to sell
- From one door to 32 to 99 to 4000

### HUMAN RESOURCES

- Database of all employees
- Import Utility to interface with HR System\*
- Design & Print ID Cards
- Time & Attendance Report
- Holidays

### IT

- Server or Virtual Server Environment
- Painless Upgrades
- ACT API for 3rd Party Integrations
- (Application Programming Interface)\*