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Octopus supported integrations to hardware, software & protocols

VMS/CCTV:

1. Milestone
2. Avigilon
3. FLIR
4. Genetec
5. Hanwha Techwin
6. Digivod
7. Network Optix
8. Mobotix
9. Wavestore
10. Bosch
11. Provision
12. 3xLogic
13. Picaso
14. Lenel Video
15. HIKVISION
16. GeoVision
17. Nice Vision (Qognify)
18. Honeywell NVR/DVR
19. IndigoVision
20. ViconNet
21. TFortis
22. Panasonic Video Insight
23. Digital Watch Dog
24. Suplec
25. Securiton IPS
26. Videofied
27. Davantis
28. Bettini
29. Vigilate
30. Dahua
31. Direct integration to any IP based camera via the Octopus streaming server

Video Analytics/Face Recognition:

1. Corsight
2. AgentVI
3. Viisights
4. Anyvision

5. Senstar Analytics
6. Davantis
7. IntelixVision
8. Dahua

Videowall:

1. Aten
2. Barco
3. Megapixel
4. NVU
5. Crestron
6. LG professional screens
7. Hyundai
8. ViewSpan

Fire alarm:

1. Honeywell Notifier
2. Siemens Algorex (MM8000)
3. Siemens Sinteso
4. Siemens Desigo
5. Tyco Simplex Grinnell
6. Telefire
7. Honeywell FCI 7100
8. Honeywell Silent Knight
9. Edwards – EST
10. Bosch fire alarm
11. Iris
12. ACB
13. Gent
14. Alarm receivers - Integration to Fire panels via Alarm receiver – SIA, Contact ID protocols.
15. Moxa - Remote I/O units to nonaddressable panels.

Intrusion alarm:

1. Honeywell
2. Galaxy
3. GE Security alarm panels
4. Pacom
5. Vanderbilt SPC
6. Elmo
7. Citel Vega (Cei Abi)
8. PIMA alarm panels

9. Napco
10. Iris
11. ACB
12. AddPac
13. ARS
14. DSC
15. Securiton SecureSafe
16. RISCO alarm panels
17. Moxa - Dry contacts I/O controller – connecting un-addressable devices.

Alarm receivers:

1. Integration to any alarm panel through an Alarm receiver dial up via PSTN/GPRS/IP protocols – SIA, Contact ID, etc.
2. Paradox alarm receiver
3. PIMA alarm receiver
4. FSK wireless
5. Ajax
6. Olarm

Access Control:

1. AMAG
2. Lenel
3. S2
4. Honeywell Galaxy
5. Pacom
6. Tyco CEM
7. C-Cure
8. Siemens Sipass
9. Bosch ADC
10. Nedap AEOS
11. Identocard
12. Hikvision access control
13. Suprema
14. Secusys
15. AddPac
16. Genetec Access Control
17. Bostex
18. CompuSafe – Intelligent safes
19. JSW – guard tour devices
20. Morsewatchmans KeyWatcher – Key Management System
21. Dahua Access Control
22. Synel Harmony

23. Moxa - Dry contacts I/O controller – connecting un-addressable devices
24. OPC protocol for direct end-device interface

LPR/ANPR systems:

1. HTS
2. Inex Zamir
3. HIKVISION LPR
4. Dahua LPR

Perimeter alert systems:

1. Magal
2. Elfar
3. IDSST
4. G-Fence Protech
5. Gallagher
6. D-Fence
7. Sensoguard – Seismic sensors
8. Southwest Microwave – in process
9. RBTec
10. Fibersensys
11. Xenon controlled search lights
12. Moxa - Dry contacts I/O controller – connecting perimeter sensors

Radars:

1. Magos Systems
2. Radescan
3. GEM Eletritta (Marine)
4. Furuno AIS (Marine)
5. ELTA 2112
6. Smartmicro Radar
7. NEMA protocol

Electro-Optics and Thermal

1. Controp
2. Silent Sentinel
3. FLIR
4. Opgal

Drones:

1. Percepto – Automated Drone (Drone in a box)
2. DJI Phantom 4
3. DJI Mavric
4. DJI Matrice 100/200
5. Autel Drone

Traffic Management and GEO Positioning:

1. Standard GPS Vehicle trackers
2. Standard GPS Motorcycle trackers
3. Standard GPS Asset trackers
4. Tri-Logical
5. Blackline
6. Foxifinder
7. Ituran
8. Pointer
9. Traffilog
10. Situm – Indoor positioning
11. Ctrack
12. Abeeway
13. AVL Mapsoft
14. ISR
15. Shimkotek

Wearable devices:

1. Smart watches
2. Angel Sensor - Medical bracelet for vital signs
3. Hikvision body worn camera

Communications/Telephony/Radio/Messaging:

1. SIP/RTC based protocols
2. Cisco CONNECT PBAX
3. Avaya call center
4. Alcatel Lucent OXE IPPBX
5. Genesys CTI
6. RMS Redbox
7. Omni PCx
8. FDM CAD (Computer Aided Dispatch)
9. Stentofon Intercom
10. ITC - PA and Intercom

11. Commend - Intercom
12. AddPac – PA
13. AddPac – IP PBX
14. 2N – IP PA
15. Barix PA and Intercom
16. Axis A8105 – Intercom and assistance panel
17. Hytera DMR - Radio
18. Septier – IMSI Catcher
19. CellAct – SMS gateway
20. SendQuick – SMS gateway
21. Line – chat/text messaging
22. Exchange email server
23. Fax server – fax into incident
24. Skype
25. Broadsoft PBX
26. Push notification via Octopus dedicated mobile app
27. NFC/RFID via mobile app
28. Digital signage boards
29. Nice Bridge – Audio recording
30. TSG – Audio recording
31. iTALKPTT
32. Hikvision intercom and assistance panel

Data exchange protocols and message queuing API's:

1. JSON
2. SOAP
3. MQTT
4. AMQP
5. Apache Kafka
6. RabbitMQ
7. Elastic/Kabina
8. XML
9. ODBC

Industrial Interface Protocols:

1. MODBUS
2. UDP
3. RS232
4. RS485
5. CAN bus
6. LonWorks
7. BACnet

8. OPC
9. SNMP

IOT/BMS/SCADA:

1. PLC's and I/O Controllers via direct interface protocol.
2. LoRaWAN Gateway IoT devices
3. Schneider electric
4. Siemens controllers
5. Trend Controls – BMS
6. Crestron
7. Smart Green – IoT energy consumption controllers
8. Fuel level sensors
9. Aquau Rimat flowless – water meters and valves (IoT)
10. Agam Control - Irrigation IoT
11. Aqua – water system IoT
12. Lead Control
13. ABB
14. Elevators – ThyssenKrupp
15. Elevators – Schindler
16. PI SCADA
17. Simplicity SCADA
18. Smart Parking sensors and control with digital signage
19. Alexa Echo Dot – smart home gateway – controlling Octopus via voice commands, plus remote voice command for alarms, plus control of IoT devices via IoT gateway.
20. Indoor light IoT – Wulian
21. Street light control (IoT) – Comexys
22. Street light control (IoT) – Tondo
23. Street light control (IoT) - Eltam
24. Garbage Bins – Databin
25. Garbage Bins and Water Flooding IoT - NetOp
26. Traffic light controllers – Swarco
27. Traffic light controllers – Falcon
28. Noise Level sensors - CESVA
29. Cleaning management (IoT) - Trekeye
30. Rodent repellent (IoT) - IPM Sqaure
31. IoT devices and asset trackers - Bluvision
32. Auxiliary machines diagnostics IoT - Augury
33. HVAC - Switch Automation
34. CO2 sensors – Talkpool
35. Elevator movement – Tektelic
36. Power consumption on IoT LoRaWan – Smartico Pulse
37. Weather station sensors
38. LoRaWan gateway

39. IoT Orchestration – Actility
40. UPS/Power supply/Etc – SNMP Traps
41. Moxa - Dry contacts I/O controller – connecting un-addressable devices

Multimedia:

1. Extron - Digital Audio Mixer
2. Fibernet – media encoder and decoder
3. Polycom – virtual conference – video and audio
4. Projectors – Epson
5. LG LCD Screens
6. Samsung LCD Screens
7. Samsung professional video wall
8. IP Speakers – via RTC/SIP protocols
9. Crestron
10. Kramer
11. Hyundai Video walls
12. Cisco multimedia controllers
13. Cisco Video Conferencing
14. KVM over IP
15. More systems

IT/Network/Firewall/Antivirus/Cyber protection:

1. Cisco Firewall
2. Cisco Network router and switches
3. Checkpoint Firewall
4. Fortinet products
5. McAfee Antivirus
6. Symantec
7. Imperva
8. Arcsight
9. Barracuda
10. Palo Alto Networks
11. MS Active directory
12. IBM Netcool
13. SNMP traps (v3) and additional protocols for interface with IT systems and agents
14. Syslog Protocol
15. XML Protocol
16. Windows event viewer
17. SIGA - SCADA protection
18. Cyber switches
19. OTP protocol
20. NAC Fourscout
21. Sentinel One

22. Microsoft Operating systems
23. Microsoft Exchange
24. Microsoft SQL
25. Microsoft SCOM
26. Microsoft ILS
27. Linux Operating Systems
28. SMTP Protocol
29. HTTPS Protocol
30. Main frame syslog Protocol
31. Portnox
32. CyberArk
33. RESTful API

MDM:

1. Airwatch
2. Nubo
3. Samsung Knox

ERP/CRM:

1. SAP – Logistics/HR and Salary/Vendors/Assets/Active directory
2. Microsoft Dynamics 2011
3. Salesforce
4. CRMC
5. Microsoft cloud services
6. Others

Open Source Intelligence (OSINT)/Social Media

1. RSS/GeoRSS feeds – news, alerts, etc.
2. Twitter
3. Facebook groups
4. Instagram
5. Telegram groups
6. Tik Tok
7. Google search
8. Police database integration
9. National health alerts
10. Flight information
11. Travel alerts
12. Weather satellite