



Feature matrix – versions 5.3 to 5.10

Security Center - Platform Features

Platform feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Record Fusion Service								•
Map geocoding								•
Object import from Excel, CSV and JSON								•
Native intrusion event mapping								•
Use Security Center events as virtual intrusion inputs								•
Text-to-speech message broadcast								•
Sipelia SaaS support								•
Integration with identity provider using OpenID Connect							•	•
Broadcast live and recorded audio over SIP device groups (public addressing)							•	•
Export privilege troubleshooter reports							•	•
Import device locations on DXF and DWG maps							•	•
Offline device time tracking							•	•
Camera mapping to individual intrusion inputs							•	•
Intrusion overview pane							•	•
Long-Term Support release track							•	•
Active alarm clustering on maps							•	•
Live dashboards						•	•	•
System health monitoring dashboard						•	•	•
Security score widget						•	•	•
Privilege troubleshooter						•	•	•
Encrypted database communications						•	•	•
Firmware vault						•	•	•
Web client – live ALPR reads and hits						•	•	•
Plan Manager – WMS support						•	•	•
Federation – remote site configuration from head-end						•	•	•
Native mobile role						•	•	•
Dynamic visual reporting					•	•	•	•

Platform feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Layout entity available in the logical tree and on maps					•	•	•	•
Web Client – manage alarms and threat levels					•	•	•	•
Plan Manager – Camera coverage tool					•	•	•	•
Firmware recommendation notifications					•	•	•	•
Plan Manager - monitor live, color-coded status of intrusion areas				•	•	•	•	•
Plan Manager –ESRI ArcGIS maps support				•	•	•	•	•
Web Client – New HTML5-based app, now managed by a native Security Center role				•	•	•	•	•
Failover Directory Disaster Recovery Mode			•	•	•	•	•	•
Plan Manager - Object Geo-referencing			•	•	•	•	•	•
Plan Manager - ACS Unit Status on a Map			•	•	•	•	•	•
Plan Manager - Expanded Layer Management			•	•	•	•	•	•
Active Directory (AD) Universal Group and Global Catalog Support			•	•	•	•	•	•
Security Desk in 64-Bit Mode			•	•	•	•	•	•
Alarm Grouping in Security Desk			•	•	•	•	•	•
HTML5-Based Server Admin			•	•	•	•	•	•
E2A with Digital input State Changes			•	•	•	•	•	•
Monitoring Task Tile Arming for Alarms		•	•	•	•	•	•	•
TLS Communications Encryption (Client apps and Servers)		•	•	•	•	•	•	•
Plan Manager - New Role & Map Design Task		•	•	•	•	•	•	•
Digital Certificate Support for Directory		•	•	•	•	•	•	•
Claims-Based Authentication, STS Support (Active Directory Federation Services)		•	•	•	•	•	•	•
Audit Trail Enhancements		•	•	•	•	•	•	•
Failed Logon Attempts Tracking		•	•	•	•	•	•	•
Pin Hot Actions Dialog in Workspace		•	•	•	•	•	•	•
Auto-Lock Workstation	•	•	•	•	•	•	•	•
Hide Feature Options	•	•	•	•	•	•	•	•
Live I/O Monitoring in System Status Task or Unit Peripheral View	•	•	•	•	•	•	•	•

Platform feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Save Generated Reports	•	•	•	•	•	•	•	•
Still Frame Alarms	•	•	•	•	•	•	•	•
Activity Trails	•	•	•	•	•	•	•	•
Hardware Inventory Report	•	•	•	•	•	•	•	•
Remote Security Deck	•	•	•	•	•	•	•	•
Sipelia SIP Intercom Management	•	•	•	•	•	•	•	•
Threat Level Management	•	•	•	•	•	•	•	•
Tile Plugin Entity	•	•	•	•	•	•	•	•
User Properties	•	•	•	•	•	•	•	•
Virtualization Support (Microsoft Hyper-V)	•	•	•	•	•	•	•	•
Active Directory Multi-Domain (10) Support	•	•	•	•	•	•	•	•
Asset Management Plugin (RF Code)	•	•	•	•	•	•	•	•
Directory Failover & Load Balancing	•	•	•	•	•	•	•	•
Forward & Backward Compatibility	•	•	•	•	•	•	•	•
Health Monitoring, Statistics & Reporting	•	•	•	•	•	•	•	•
Intrusion Integration (Honeywell Galaxy)	•	•	•	•	•	•	•	•
Plan Manager Support	•	•	•	•	•	•	•	•
Task-Based Config Tool	•	•	•	•	•	•	•	•
Virtualization Support (VMWare)	•	•	•	•	•	•	•	•
Web Client	•	•	•	•	•	•	•	•
Alarm Management	•	•	•	•	•	•	•	•
Intrusion Integration (Bosch GV Series)	•	•	•	•	•	•	•	•
Web-Based Server Admin	•	•	•	•	•	•	•	•



Video management features

Omnicast Video Management System (VMS) Features

Omnicast feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Tiered cloud storage								●
Centralized camera certificates management								●
Archive gaps report								●
KiwiVision Privacy Protector mass-unmasking								●
Decoupled camera driver update								●
Camera password management							●	●
Four-eye video export (supervised export)							●	●
Live and recorded video identification watermarking							●	●
EdDSA digital video signature							●	●
Unified video analytics analyzer management & load balancing							●	●
Camera integrity monitor dashboard widgets							●	●
Media Router IPv6 support							●	●
Application-based configuration wizard for security video analytics						●	●	●
Video in transit encryption by default						●	●	●
People counter						●	●	●
Camera integrity monitor						●	●	●
Unified object detector						●	●	●
Unified intrusion detector					●	●	●	●
Unified privacy protection					●	●	●	●
Quick search tool					●	●	●	●
Remote site bandwidth management for live and recorded video				●	●	●	●	●
Transfer protected video to a dedicated archiver for longer-term storage				●	●	●	●	●
Remote video recording (on-demand) on a local Auxiliary Archiver				●	●	●	●	●
Enhanced security for RTSP video requests (Token-Based Authentication)			●	●	●	●	●	●
Video stream encryption w/ RTSP over TLS			●	●	●	●	●	●
Three Tier Failover Archiver			●	●	●	●	●	●

Omnicast feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Email a Snapshot Action (E2A, Hot Actions)			●	●	●	●	●	●
Export Video to MP4 Standard			●	●	●	●	●	●
Modify and/or Re-Export G64 Video			●	●	●	●	●	●
Add Bookmarks to Exported Video			●	●	●	●	●	●
Snapshot Editor (crop, blur, mask, rotate)			●	●	●	●	●	●
Camera Maintenance Mode			●	●	●	●	●	●
H.265 Video Compression Support		●	●	●	●	●	●	●
Video Stream Encryption (In-Transit)		●	●	●	●	●	●	●
Video Stream Encryption (At-Rest)		●	●	●	●	●	●	●
Visual Tracking Prefetch and Decode Video		●	●	●	●	●	●	●
4k Camera Support	●	●	●	●	●	●	●	●
Archive Transfer	●	●	●	●	●	●	●	●
Camera Configuration Report	●	●	●	●	●	●	●	●
Incident Recording	●	●	●	●	●	●	●	●
Video Player - Updated Portable Archive Player	●	●	●	●	●	●	●	●
GPU-Accelerated Video Decoding	●	●	●	●	●	●	●	●
PTZ Priority per Camera	●	●	●	●	●	●	●	●
RTSP Media Router Role	●	●	●	●	●	●	●	●
Tile Pattern Editor	●	●	●	●	●	●	●	●
Analog Decoder Support	●	●	●	●	●	●	●	●
Camera Blocking	●	●	●	●	●	●	●	●
Cloud Archives	●	●	●	●	●	●	●	●
Decoder Support	●	●	●	●	●	●	●	●
DVR Plugin	●	●	●	●	●	●	●	●
Video Synchronization	●	●	●	●	●	●	●	●
Auxiliary Archiver	●	●	●	●	●	●	●	●
Cloud Cameras	●	●	●	●	●	●	●	●
In-Tile Digital Zoom & Presets	●	●	●	●	●	●	●	●
Forensic Search Task	●	●	●	●	●	●	●	●
IPv6 Support	●	●	●	●	●	●	●	●
Panoramic Camera Support	●	●	●	●	●	●	●	●

Omnicast feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Uninterrupted Video Streaming	●	●	●	●	●	●	●	●
Video Trickling	●	●	●	●	●	●	●	●
Snapshot Manager	●	●	●	●	●	●	●	●
Media Router	●	●	●	●	●	●	●	●



**Security Center
Synergis.**

Access management features

Synergis Access Control System (ACS) Features

Synergis feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Credential and access rules management in the Web Client								•
Downstream device firmware update through Synergis Cloud Link								•
Mobile credential service management								•
Enhanced time and attendance report								•
Security Score automation								•
Evacuation assistant							•	•
HID Origo platform integration							•	•
Health and firmware monitoring for controllers and interfaces							•	•
Door secured event							•	•
Filter for future cardholder and visitor events in reports							•	•
Door templates						•	•	•
One-click SaaS enrollment						•	•	•
Allegion Schlage NDE and LE wireless locks integration						•	•	•
Mercury LP controllers integration						•	•	•
AXIS A1601 controllers integration						•	•	•
Assa Abloy AH40 IP Hub integration						•	•	•
OSDP v2 support (SC version independent)						•	•	•
Duress PIN support						•	•	•
Capability to set occupancy limits						•	•	•
Assign HID mobile credentials to cardholders					•	•	•	•
Access Manager failover					•	•	•	•
Enroll license plates as access control credentials and manage parking access with the AutoVu SharpV camera				•	•	•	•	•
Migrate from Tyco Software House to Synergis with the Mercury Security MS Bridge Series				•	•	•	•	•

Synergis feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Centralized multi-device firmware upgrades (Synergis Cloud Link and SMC appliances, HID EDGE EVO, and VertX EVO controllers)				•	•	•	•	•
SimonsVoss SmartIntego lock integration				•	•	•	•	•
Greater scalability with 2,048 readers supported per server (up from 1,024)				•	•	•	•	•
Unused credential tracking				•	•	•	•	•
Simplified DESFire encoding and enrollment				•	•	•	•	•
Allegion Schlage AD-Series Lock Integration (AD-300 and AD-400 locks)			•	•	•	•	•	•
Peer-to-Peer Communications (IO Linking Across Synergis Cloud Links)			•	•	•	•	•	•
Support up to 32 Mercury EP panels per Synergis Cloud Link			•	•	•	•	•	•
Enhanced Mercury EP Encryption			•	•	•	•	•	•
Assa Abloy IP Lock Encryption			•	•	•	•	•	•
Automatic Expiration of Unused Credentials			•	•	•	•	•	•
Area Presence Report (Cardholder Filtering)			•	•	•	•	•	•
Double-Swipe Lock State Toggle Support on Assa Abloy Aperio Locks			•	•	•	•	•	•
Mercury Panel Integration (EP4502, MR51e, M5-2K)		•	•	•	•	•	•	•
Honeywell PW6000 Series HW Support		•	•	•	•	•	•	•
60K Cardholders Synched to Mercury Eps		•	•	•	•	•	•	•
Access Manager Scalability to 1,024 readers (Synergis Cloud Link required)		•	•	•	•	•	•	•
Assa Abloy IP Lock Passage Mode		•	•	•	•	•	•	•
Synch Access Rights and 15K Cardholders to Axis A1001 (Standalone Mode)		•	•	•	•	•	•	•
Advanced Card Formats up to 256 bits	•	•	•	•	•	•	•	•
Advanced HID Unit Synch on Schedule	•	•	•	•	•	•	•	•
Antipassback on Schedule	•	•	•	•	•	•	•	•
First-Person-In Rule	•	•	•	•	•	•	•	•
Mercury Panel Support	•	•	•	•	•	•	•	•
Search Cardholder & Credentials by Card ID	•	•	•	•	•	•	•	•

Synergis feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Shunt Reader from Security Desk	•	•	•	•	•	•	•	•
Two-Person Rule	•	•	•	•	•	•	•	•
Visitor Escort Rule	•	•	•	•	•	•	•	•
Active Directory Bi-directional Cardholder Picture Sync	•	•	•	•	•	•	•	•
Alarm Management with Source Conditions	•	•	•	•	•	•	•	•
Bad Issuance Workflow & Card Request	•	•	•	•	•	•	•	•
Badge Design – Chroma Key Support	•	•	•	•	•	•	•	•
Bulk Management of Cardholders	•	•	•	•	•	•	•	•
Consolidated Credential Management Task	•	•	•	•	•	•	•	•
Credential Requests	•	•	•	•	•	•	•	•
Entry Sensor and Duration Support	•	•	•	•	•	•	•	•
Synergis Master Controller Support	•	•	•	•	•	•	•	•
Active Directory Custom Fields Sync	•	•	•	•	•	•	•	•
Cardholder and Visitor Picture Export	•	•	•	•	•	•	•	•
Global Cardholder Management	•	•	•	•	•	•	•	•
HID EVO Support	•	•	•	•	•	•	•	•
Active Directory Synch for Cardholders	•	•	•	•	•	•	•	•
Import Data with Scheduled Task	•	•	•	•	•	•	•	•



Automatic license plate recognition features

AutoVu Automatic License Plate Recognition (ALPR) Features

AutoVu feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Advanced vehicle analytics reporting								●
Federated read matching against head-end hotlists							●	●
Multi-plate read and hit reports							●	●
T2 Systems Mobile Enforcement Application support							●	●
State Reason filtering for AutoVu Freeflow reports							●	●
Permit restrictions with AutoVu Freeflow						●	●	●
LPM protocol support						●	●	●
Audit tracking for report generation					●	●	●	●
AutoVu FreeflowUse				●	●	●	●	●
Protect Reads/Hits with Expiry Date			●	●	●	●	●	●
Single Read on Trigger (requires comptaible SharpOS)			●	●	●	●	●	●
Deleting a Hotlist Hit			●	●	●	●	●	●
Sharp Unit Swap Entity		●	●	●	●	●	●	●
Trigger "READ NOW" on a Sharp (E2A)		●	●	→ ●	●	●	●	●
Edit License Plate at the Server		●	●	●	●	●	●	●
ALPR Federation Support	●	●	●	●	●	●	●	●
Conditional Events-to-Action for Advanced Analytics	●	●	●	●	●	●	●	●
Enhanced Vehicle List Access Rights Management	●	●	●	●	●	●	●	●
Live Patrol Vehicle Position Display	●	●	●	●	●	●	●	●
Advanced Vehicle Analytics	●	●	●	●	●	●	●	●
Assign Hotlists and permit lists to Patroller Entities	●	●	●	●	●	●	●	●
Display Read Metadata in Monitoring Tiles	●	●	●	●	●	●	●	●
Enhanced XML Export	●	●	●	●	●	●	●	●
Import Patroller Configuration	●	●	●	●	●	●	●	●
Multi-Region License Plate Correlation Reports	●	●	●	●	●	●	●	●

Parking Inventory and Space Counting	●	●	●	●	●	●	●	●
Patroller User Activity Log	●	●	●	●	●	●	●	●
Pay-by-Plate Sync Support	●	●	●	●	●	●	●	●
Sharp “No Match” Events for Gate Accessl	●	●	●	●	●	●	●	●
Store LPR image data ID with Fusion Stream	●	●	●	●	●	●	●	●
ALPR Health Monitoring	●	●	●	●	●	●	●	●
Remote Patroller and Sharp Updates	●	●	●	●	●	●	●	●
Encrypted Communications	●	●	●	●	●	●	●	●
Hotlist and permit editor	●	●	●	●	●	●	●	●



Software development kit

Software Development Kit (SDK) Features

SDK feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Custom actions								•
Enroll access control units							•	•
Create custom entity using WebSDK							•	•
Extended intrusion actions							•	•
Custom dashboard widgets						•	•	•
Door templates						•	•	•
Archiver statistics						•	•	•
Raw credential format (to manage DESFire & PIV/CIV credentials)						•	•	•
Claims-based authentication					•	•	•	•
Archiver recording mode control					•	•	•	•
Assign badge templates					•	•	•	•
Support for more SDK map objects				•	•	•	•	•
Decrypt encrypted, archived video streams - get access to raw images				•	•	•	•	•
Video stream encryption configurable within the SDK				•	•	•	•	•
Archiver statistics (e.g. disk usage, remaining recording time, traffic, etc.)				•	•	•	•	•
Locate entity on a map				•	•	•	•	•
Multi-Tier SDK Packages			•	•	•	•	•	•
Freely Available Basic SDK with Online Enrolment			•	•	•	•	•	•
Online SDK Documentation on TIP Portal			•	•	•	•	•	•
Convert/Export Video From G64(x) to MP4			•	•	•	•	•	•
TLS-Based Communications Between SDK Apps and Security Center Directory		•	•	•	•	•	•	•
Display Encrypted Video Streams		•	•	•	•	•	•	•
SDK App Login Through Active Directory Federation Services (ADFS)		•	•	•	•	•	•	•
Leverage Genetec UI , Controls, Themes, Skin, Look & Feel in Custom SD Tasks		•	•	•	•	•	•	•
Plan Manager Map Design/Customization (add maps, objects, link to dynamic objects)		•	•	•	•	•	•	•

SDK feature	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10
Scheduled task and E2A Configuration	•	•	•	•	•	•	•	•
Visual Tracking Configuration	•	•	•	•	•	•	•	•
Motion Detection Configuration	•	•	•	•	•	•	•	•
Basic Video Quality Settings Configuration	•	•	•	•	•	•	•	•
Configuration of User and Group Privileges	•	•	•	•	•	•	•	•
RTSP Stream Access	•	•	•	•	•	•	•	•
Video Overlay SDK	•	•	•	•	•	•	•	•
Custom Task SDK	•	•	•	•	•	•	•	•
Metadata Plugins	•	•	•	•	•	•	•	•
Web Service SDK/REST-based SDK	•	•	•	•	•	•	•	•
Unified SDK - Access Control & Video Support	•	•	•	•	•	•	•	•