Genetec™

Security Center
SaaS™

Feature matrix –
Security Center 5.12 (on-prem) vs Security Center SaaS (new offering)

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Note that features evolve continuously, both for Security Center SaaS (automatic updates from Genetec) and Security Center on-prem (customer updates required). See the release notes to stay fully up-to-date, in addition to this document.

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
UNIFICATION AND GENERAL		
Unification core functionalities		
Concurrent user connections	●	●
Partitioning	●	●
Copy configuration tool	●	●
Schedules	●	●
Federation		
Monitor remote and independent sites as a single system	●	●
Run centralized reports across multiple sites and systems	●	●
Unlock doors centrally / remotely	●	●
Monitor remote access events with video	●	●
Monitor remote intrusion panels with video	●	●
View federated video from SC5.1x	●	●
Health monitoring engine		
Live monitoring of system status	●	●
Monitor up-time and down-time, MTBF, etc.	●	●
Health history and statistics reports	●	●
Map manager		
View maps with doors, cameras, intrusion panels, zones	●	●
Unlock doors from the map, place doors in maintenance mode	●	●
Hierarchical view	●	●
Alarm notification	●	●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Customizable icons and colors	●	●
User notification		
Email any report on schedule	●	●
Trigger emails following alarms or any event in the system	●	●
3rd party integrations		
3rd party integrations for plugins	SDK	Rest API
System-wide features		
Single sign-on	●	●
Bulk enrollment of devices	●	●
QR code enrollment of devices		●
Video can be stored in the cloud	●	●
Maps Basic	●	●
Maps Advanced	●	●
Maps esri, mobile	●	●
Forensic search (camera manufacturer plugins)	●	
Kiwi crowd estimation	●	
Kiwi Camera Integrity Monitor	●	
ACCESS CONTROL		
Access Control core functionalities		
Show Unit state	●	●
Generate event for unit state	●	●
Add a unit	●	●
Door creation	●	●
Assign Access to a door	●	●
Create an Area	●	●

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Show door state	●	●
Show which user has access to a door	●	●
Unlock door remotely	●	●
Door forced open	●	●
Door held open	●	●
Door opened/closed event	●	●
Access granted/denied event	●	●
Access denied reason	●	●
Zone Monitoring and I/O linking	●	●
Door and Access troubleshooter tool	●	●
Advanced access management		
Assign area owners		●
Assign Group owners		●
Employee portal for access requests		●
Access Request		●
Identity Request		●
Access Reviews on Demand		●
Access Reviews on schedules		●
Attributes based provisioning of group		●
Enterprise portal customizable colors		À la carte
Enterprise portal		●
Open gate/door with QR Code		●
Global cardholder management		
Synchronize cardholders and credentials between independent sites	●	(see « Synchronization of data »)

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Single card solution and single point of data entry	●	(see « Synchronization of data »)
Synchronize badge templates for printing	●	(see « Synchronization of data »)
Automatic and scheduled synchronization	●	(see « Synchronization of data »)
Azure Active Directory (AD) integration (Synchronization required Card Sync Plugin)		
Synchronize AD attributes to Security Center custom fields	●	(see « Synchronization of data »)
Synchronize cards and cardholder pictures from AD	●	(see « Synchronization of data »)
Synchronize cardholder pictures to AD for other business system use	●	(see « Synchronization of data »)
Cardholders can be automatically assigned access rights	●	(see « Synchronization of data »)
Users can be automatically assigned privileges	●	(see « Synchronization of data »)
Synchronization of cardholder data		
Sync cardholders with SQL Database		●
Sync cardholders with Oracle Database		●
Sync cardholders with Azure AD		●
Sync cardholders with CSV files Database		●
Sync cardholders with REST API		●
Access Control Cardholder Management		
Multi-select and bulk deletion of cardholders	●	●
Access right based on schedule	●	●
Holiday Schedules	●	●
Credential creation (standard)	●	●
Credential creation (custom format)	●	●
Assign credential to cardholder	●	●
Create a PIN to cardholder	●	●
Issuing mobile credential to a cardholder	●	●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Badge template	●	●
Picture from file	●	●
Cardholder custom Field	●	●
Picture from webcam	●	●
Cardholder group	●	●
Unlocking schedule	●	●
Cardholder creation	●	●
Advanced filtering options to quickly locate cardholders	●	●
Search for cardholders without assigned pictures or credentials	●	●
Assign minimum security clearances to cardholders (Synergis Cloud Link and threat levels) and control their access on the fly	●	●
Peer-to-peer (P2P) comms between Synergis Cloud Link appliances		
Global I/O linking without connection to the server	●	●
Global antipassback without connection to the server	●	●
Local Anti-Passback	●	●
Threat level management with Synergis Cloud Link		
Change the state of your system and increase security level	●	●
Affect change across the entire security system or specific areas/doors	●	●
Restrict access or go into a full lock-down mode	●	●
Cardholders assigned minimum security clearances to restrict access	●	●
People counting		
Live people count for entire system or per area	●	●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Run history reports	●	●
Max occupancy-	●	●
Advanced event-to-action mechanism		
Any event can trigger a system action	●	●
Actions can also be triggered by a scheduled task	●	●
Visitor Management		
Check-in and check-out visitors	●	●
Keep frequent visitors on file for quick check-in	●	●
Print badges or paper credentials	●	●
Run visitor list and activity reports	●	●
Visitor escort mode	●	●
Print paper badge visitor kiosk		●
Enterprise portal for visitor pre-registrations		●
Invite visitors in bulk via CSV		●
Automatic check-out of visitors at the end of scheduled visits		●
SMS notification Visitor check-in		●
Email notification Visitor check-in		●
Visitor invitation send by email		●
Email check-in visitor Kiosk		●
QR Code check-in visitor Kiosk		●
Check-out visitor on Kiosk		●
ID check-in visitor Kiosk		●
walk-in visitor registration visitor kiosk		●
Configurable color and image visitor kiosk		●
Approval workflow for Visitors		●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Custom fields visitors		●
Custom fields Identity		●
Visitor Watchlist		●
Badge issuance workflow and activity trails		
Advanced workflow to issue credentials	●	●
Official requests for badges screened and approved by supervisors	●	●
Custom card request reasons can be defined	●	●
Automatic email sent on completed requests	●	●
Run credential request reports	●	●
Investigate which users printed credentials	●	●
Mobile credentials		
Issue and revoke mobile credentials	●	●
Resend or cancel email invitations sent from the mobile credential provider	●	●
View the status of your mobile credential subscription and license count	●	●
Directly integrated with HID Origo Management Portal	●	●
Badges/credentials and card formats		
Supports chroma keying (green screen) with Badge designer	●	●
Bulk creation of credentials	●	●
Unrestricted cards per cardholders	●	●
Unrestricted number of card formats support	●	●
Custom card format editor (formats up to 512 bits)	●	●
Support Print and read	●	●
Print QR codes	●	●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Import and export custom card formats, share between sites	●	●
Works with open and proprietary credentials	●	●
Cards can be manually imported even if format is unknown	●	●
Long credential support (Mercury)	●	●
Custom fields	●	●
Import tool		
Import cardholders, credentials, and custom fields	●	●
Can assign badge templates to imported credentials	●	●
Can assign chroma-key settings to imported credentials	●	●
Intrusion management (GIP)		
Manage user access	●	●
Manage arming schedules	●	●
Supported building protocols	●	●
RIO REST API for third-party hardware integration		
RIO REST API for third-party hardware integration	●	●
Encode Desfire Cards	●	●
Transparent reader	●	●
Centrally manage transparent reader configuration	●	●
Advanced security measures		
First-person-in rule for triggering unlock schedules	●	●
First-person-in rule for activating access rights	●	●
Two-person rule	●	●
Visitor escort mode	●	●
Duress PIN support	●	●
Double-badge activation	●	●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Soft and hard antipassback, forgive antipassback functionality	●	●
Elevator control		
Monitor and control elevator-related activities by configuring each floor as an access point	●	●
HLI dispatch elevator	●	●
Antipassback on schedule	●	●
Door interlocks without requiring PLCs to ensure only one door can be open at any given time in secured areas	●	●
Embedded Reporting Engine		
Unit Activity report	●	●
Door Activity report	●	●
Cardholder Activity report	●	●
Who has access report	●	●
System User Audit Trail	●	●
View events and alarms via graphs and charts	●	●
Built-in custom report tool	●	●
Configuration activity report	●	●
Export reports	●	●
Automatically email reports to specific users	●	●
Time and attendance reporting	●	●
VIDEO MANAGEMENT		
Live and playback streaming		
Video compression formats	●	‡
Start/stop recording	●	‡
View camera sequences	●	●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Audio full-duplex support	●	●
Audio half-duplex support	●	●
Multi-stream support	●	●
Dynamic stream switching	●	●
Bandwidth control	●	●
Block cameras	●	●
Support metadata overlays	●	●
Instant playback	●	●
Visual tracking	●	●
Video archive protection	●	‡
Video file query tool	●	‡
Playback in a loop	●	●
Digital signature verification	●	‡
Display video on local monitor	●	
Thumbnails	●	‡
Synchronous playback	●	●
Playback controls	●	●
Reverse playback	●	●
Quick search tool	●	●
Snapshot	●	●
Bookmarks	●	●
Motion graph in timeline	●	●
Limit access to playback video	●	●
Video export (use case reviewed, see below)		

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Export to ASF	●	●
Export to AVI	●	
Export to MP4	●	●
Export to G64 (native)	●	●
Export bookmark with video	●	●
Stand-alone player	●	●
Export as a background task	●	●
Export multiple cameras in a single clip	●	●
Export with audio	●	●
Export with metadata	●	●
Show date/time on exported video	●	●
Edit snapshot	●	●
Add password to exported video	●	●
Video reporting		
File browser	●	‡
Browse through date and time	●	●
Motion event search	●	●
Motion search	●	‡
Metadata search	●	●
Edge based People & Vehicle Forensic search		see Config guide / SDL
Retrieve archives from the edge unit	●	●
PTZ control and digital zoom		
Digital zoom	●	‡ + native in-tile zoom
Support for dewarping	●	‡

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Support PTZ control	●	‡
PTZ privileges	●	‡
PTZ special commands	●	‡
PTZ Presets and patterns	●	‡
Locked PTZ and timeout	●	‡
In-tile PTZ control	●	‡
Analog CCTV keyboard	●	‡
USB joystick	●	‡
Video System features		
Copy configuration between entities	●	●
Replace camera	●	●
Monitor user video connections	●	●
Configure camera logical ID	●	●
Camera discovery tool	●	●
Unicast mode only	●	●
Automatic detection of multicast/unicast	●	‡
Multicast support	●	‡
Unicast / multicast mixed mode	●	‡
Multicast by Archiver	●	‡
Redirector	●	●
Support for cameras I/O	●	●
Media Gateway	●	‡
Video archiving		

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Recording schedule	●	●
Backup and restore video	●	‡
Local archiving	●	‡
Auxiliary archiving	●	‡
Multiple archiver roles	●	‡
Downsampling	●	‡
Archive tiering	●	●
Digital signature	●	●
Video encryption at rest	●	●
Boost video quality	●	‡
Disk groups	●	‡
Retention per camera	●	●
Archiving priority	●	‡
Number of camera per Archiver	●	‡
Archiver failover	●	‡
Redundant archiving	●	‡
Archiving hot standby	●	‡
Archiving cold standby	●	‡
Archiving 1:n failover	●	‡
Support NAT with Archiver	●	‡
Storage on the edge	●	●
Video trickling	●	●

Offering feature	Security Center 5.12 (On-prem)	Security Center SaaS (New offering) ‡ = for Federated entities*
Support multiple network cards	●	‡
Operational or other features		
Video callup time status	●	●
Instant playback availability	●	‡
Video scrubbing	●	●
Simultaneous video feeds	●	●
Supported cameras	see specific SDL	see specific SDL

* Federated entities need to be configured and managed from the Federated system itself. They cannot be configured from SC SaaS directly, but they can be providing operational data in the SC SaaS system hosting the federation. Also, some of the controls in the Operations clients can be used on Federated entities only.