

TecomC4

Management Software



OVERVIEW

TecomC4 provides a way for end users and site operators to manage single or multiple site facility and security systems from one interface.

Operators are able to monitor and control safety and security of staff, manage visitors, and ensure the security of physical assets across multiple sites and remote locations. TecomC4 makes this possible by providing a single interface to manage your security needs across a single or multiple sites, incorporating intrusion, access control and video surveillance.

Seamless integration enables verification of events through video streams and the ability to link intrusion events with access control to safeguard the safety and security of your people.

TecomC4 software supports a range of Challenger control panels and the Network Access Controller, as well as a number of third party alarm and access control systems. Combined with video integration, it can provide alarm management enabling you to quickly and efficiently resolve any alarm.

In case of intrusion detection, the alarm can be pinpointed to a specific area on the floor plan, providing live video streaming. Lights and doors can be controlled by pressing one button. The presence of intruders is easily verified by switching to recorded video streams.

The Tecom series of Access Products manages complete access control rights in multi-site environments where people need access to more than one site. TecomC4 software allows a specific user to gain access where required via the same or a distinct credential. Persons access and a variety of credentials for all sites is managed from a single user form.

TecomC4 software supports a range of TruVision digital video recorders and network video recorders, as well as various 3rd party CCTV systems. Additional to the quality, ease of use and reliability of these video products, their integration into TecomC4 software allows system operators to have direct access to live and recorded video, providing instant visual verification of events and alarms.

FEATURES

- Support for Network Access Controller and Challenger series of control panels
- Support for range of TruVision CCTV recorders
- Natively supports 3rd party devices
- Single intuitive user interface to all devices
- Manage and control alarms from devices
- Manage and control multiple sites
- No licensing required for additional clients or Photo ID
- Manage persons including access rights and credentials without device restrictions
- Dynamic floor plans to quickly identify an alarm location
- Encryption between clients and server
- Cardholder management with integrated Photo ID
- Built-in event history and search function for every element in the system
- Link events and view footage from CCTV systems
- Interactive dynamic graphic map display
- Multi-monitor support
- Cardholder import / export
- Database partitioning for multi-company or multi-site applications
- Detailed management of operator permissions
- Industry-standard MS SQL database with Open Database connectivity (ODBC)
- Automated database backup utility using SQL tools
- Active Directory and redundancy (TecomC4 Advanced version only)

TecomC4 Advanced

TecomC4 Advanced provides even more functionality for your site.

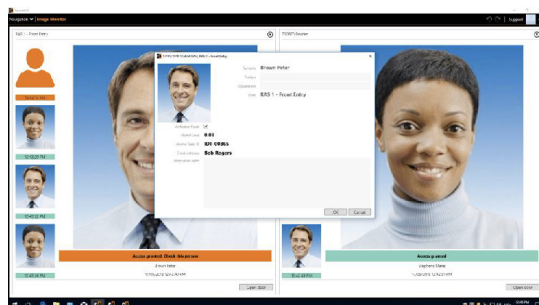
These features are all available in the TecomC4 software and can be accessed easily and conveniently via a simple license update. Better yet, for existing TecomC4 users, there's no need to install a new version of your existing TecomC4 software.



KEY FEATURES

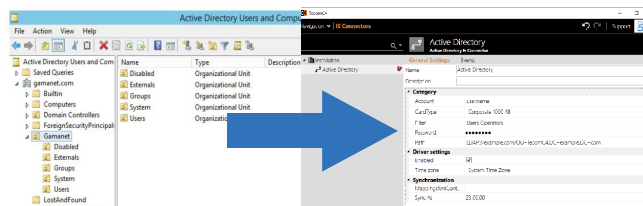
Image Monitor

- Enables 'swipe and show' for multiple doors simultaneously
- Last 5 persons per door are visible
- Configurable random selection for alcohol testing
- Manual 'Open door' button for operator override



Active Directory

- Provides a connection to external information systems
- Allows exchange of persons information between IS and TecomC4
- Active Directory driver available separately



Redundancy

- Allows a site to be licensed for 2 servers (primary & backup)
- If primary fails, secondary all
- Allows the site to continue working
- SQL database replication ensures up to date information in the event of failover

PRODUCT COMPARISON MATRIX

	TecomC4 Standard	TecomC4 Advanced
Multiple clients	✓	✓
Persons, PhotoID	✓	✓
Maps	✓	✓
Hardware devices	✓	✓
Persons in regions	✓	✓
Visitor management	✓	✓
Image Monitor		✓
IS Connectors (Active Directory)		✓
Redundancy		✓

Refer to the Tecom Compatibility Matrix for a full list of compatible hardware and software.
Documentation is available via the [download and resource library](#)

TecomC4

Management Software

SPECIFICATIONS

Operating system	Windows 7, Windows 8, Windows 10 Windows Server 2012 and newer
Database	Microsoft SQL Server 2012 and newer (Express edition included as part of installation)
Supported Tecom Devices	ChallengerPlus, ChallengerLEPlus, Network Access Controller, Challenger10, ChallengerV8

NOTE 1: For video streaming the PC requirements may have higher requirements. Please check video requirements.

NOTE 2: When using SQL Server Standard or Enterprise edition, a minimum of 3 CAL licenses are required.

HARDWARE SERVER AND/OR CLIENT REQUIREMENTS

	Minimum	Recommended
Processor	Intel Core i5-8400 (3.30 GHz)	Intel Core i7-10510U (4.90 GHz) or Xeon E7-8891 V4
Note: The processing power of the CPU directly impacts TecomC4's performance, especially with large numbers of persons and devices. Choosing a higher-performance CPU will improve responsiveness of the application		
Memory	8 GB	32 GB
Note: The amount of RAM directly impacts TecomC4's performance, especially with large numbers of persons and devices. Having more RAM available will improve responsiveness of the application. More RAM can also allow for running multiple applications without impacting the performance of TecomC4 running on the same computer.		
Hard-drive	500 GB	4 TB
Note: Storage requirements for the TecomC4 application and SQL server will increase depending on the number of persons, devices, and history.		



ORDERING INFORMATION

	Part Number	Description	Licensed Unit	Supported Versions
	TS-C4-PRO	TecomC4 Advanced Edition		
	TS-C4-STDADV	TecomC4 Upgrade - Standard to Advanced		
	TS-C4-ISAD	TecomC4 Active Directory License		2019 SP1 - 2023
	Driver Licences			
Tecom	TS-C4-C10	Challenger10 licence	Panel	2019 SP1 - 2023
	TS-C4-C10	ChallengerPlus license	Panel	2019 SP1 - 2023
	TS-C4-C10	ChallengerLEPlus license	Panel	2019 SP1 - 2023
	TS-C4-ISCSV	CSV IS Connector	Panel	2019 SP1 - 2023
	TS-C4-V8	ChallengerV8 License	Panel	2019 SP1 - 2023
	TS-C4-NAC	Network Access Controller	Panel	2019 SP1 - 2023
3rd Party	TS-C4-2N	2N IP Intercom License	Intercom	2019 SP1 - 2023
	TS-C4-APER	Aperio License	Hub	2019 SP1 - 2023
	TS-C4-AV	Avigilon VMS License	Camera	2019 SP1 - 2023
	TS-C4-AV7	ACC7 WebAPI VMS License	Camera	2019 SP1 - 2023
	TS-C4-AXISCS	Axis Camera Station License	Axis Server	2019 SP1 - 2023
	TS-C4-BOSCH	Bosch B&G Series License	Panel	2019 SP1 - 2023
	TS-C4-DAHU	Dahua Recorder License	Recorder	2019 SP1 - 2023
	TS-C4-DLMR	Dallmeier Recorder License	Recorder	2019 SP1 - 2023
	TS-C4-FORT7	Digifort 7 Recorder License	Recorder	2019 SP1 - 2023
	TS-C4-GT	Genetec VMS License	Camera	2019 SP1 - 2023
	TS-C4-GCORE	Geutebruck Recorder License (G-Core)	Recorder	2019 SP1 - 2023
	TS-C4-GEUT	Geutebruck Recorder License (G-Scope)	Recorder	2019 SP1 - 2023
	TS-C4-HIK	HIK Vision Recorder License	Recorder	2019 SP1 - 2023
	TS-C4-PAC	IDIS Recorder License	Recorder	2019 SP1 - 2023
	TS-C4-KEYW	KeyWatcher Illuminated License	Access Controller	2019 SP1 - 2023
	TS-C4-KONE	Kone Lift License	Kone Server	2019 SP1 - 2023
	TS-C4-LUXEVO	Luxriot EVO License	Camera	2019 SP1 - 2023
	TS-C4-MS	Milestone VMS License	Camera	2019 SP1 - 2023
	TS-C4-MSPLUS	Milestone Plus VMS Licenes	Camera	2019 SP1 - 2023
	TS-C4-MODBUS	MODBUS License	25 Points	2019 SP1 - 2023
	TS-C4-PSAPI	Panasonic PS-API Recorder License	Recorder	2019 SP1 - 2023
	TS-C4-SALTO	Salto Door License	Salto Door	2019 SP1 - 2023
	TS-C4-SNMP	SNMP License	SNMP Server	2019 SP1 - 2023
	TS-C4-SUPRE	Suprema BioStar2 License	Reader	2019 SP1 - 2023
	TS-C4-TRAKA	Traka License	Access Controller	2019 SP1 - 2023
	TS-C4-TP	TruPortal license	Panel	2019 SP1 - 2023
	TS-C4-TV	TruVision recorder license	Recorder	2019 SP1 - 2023
	TS-C4-VPORT	VirtualPort License	VirtualPort	2019 SP1 - 2023

NOTE: Configuration and setup of Challenger and NAC panels is done via CTPlus, available via the [download and resource library](#)