



# Compatibility Matrix

Software | Hardware | Control Panels

This compatibility matrix contains the latest information about Tecom compatibility with Interlogix and/or third-party products.

Specifications subject to change without notice.

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# Control Panels

	Challenger10 TS1016	ChallengerLE TS1016LE	Network Access Controller
Users (expanded)	2,000 (65,535)	100	250,000
Users with names	2,000	100	
Areas	99	16	
Area Groups	255	32	
Alarm Groups	255	42	
Floor Groups	128	Not applicable	
Door Groups	255	16	10,000
Zone inputs	1008	40 physical, 8 logical	
Relays	512	32	
Event flags	255	100	
Event Log History	10,000	1,000	50,000
Time zones	46, with 8 parts	24, with 8 parts	2,000
Soft time zones	16	16	
Holidays	24	24	100
Holiday types	8	8	8
Alarm history events	5,000	500	
Access history events	5,000	500	10,000
Automation zones	100	20	
RS-485 LANs	2	1	2
DGPs (total/intelligent)	31/24	1/0	31/0
RASs/Doors	32	16	31/8
Readers per door	1	1	6
Doors via Controllers	96 (intelligent doors)	Not applicable	8
- Total doors	128 (32 + 96)	16	8
Communication Paths	10	10	10
Lifts via Controllers	96	Not applicable	
Input shunt timers	32	16	
RAS area-LED mapping	Any areas	Any areas	
RAS relay assignment	Via relay number	Via relay number	
Macro logic programs	48	16	
Total disarm areas	Yes	No	Yes
Area search mode	Yes	No	
Financial options	Yes	No	
SD card backup/restore	Yes	No	
Vault programming	Yes	No	
Dialler	Yes	No	No
Ethernet	Yes	Yes	Yes
USB	Yes	Yes	Yes
OSDP Devices			32
Max card data bit length	48 bits	48 bits	128 bits
Scheduled Actions			100

\* Supported product only \*\* When used in IP Direct Mode. Refer Tecom Compability Matrix for full view of functionality in various modes.

# Software Comparison Matrix

	TitanCT	Titan 3.5.1	Security Commander Lite	Security Commander 2.3	Forcefield 7.2.2	TecomC4
<b>Challenger panel support</b>						
Network Access Controller	✓					✓
Challenger10	✓	✓	✓	✓	✓	✓
ChallengerLE		✓	✓	✓	✓	
Challenger V8		✓	✓	✓	✓	✓
Panel configuration upload/download	✓	✓	✓	✓	✓	
Panel user management	✓	Full	Download	Download	Download	Download
Panel user upload	✓	✓				
UltraSync connection	✓					
UDP/IP connection	✓	✓	✓	✓	✓	✓
TCP/IP connection					✓	
Dialler connection		✓	✓	✓	✓	
RS-232 serial connection		✓	✓	✓	✓	
3G Communication Module configuration	✓	✓	✓	✓	✓	
Communicate via 3G Communication Module					✓	
C-Bus configuration	✓	✓	✓	✓	✓	
C-Bus control	✓	✓	✓	✓		
USB connection	✓	✓				
Panel time synchronisation	✓		✓	✓	✓	✓
Firmware update utility	✓	✓				
Firmware feature support	V10-07	V10-06	V10-06	V10-06	V10-06	V10-06
Titan migration	✓	n/a	Full	Full	Partial	
<b>OS/Database support</b>						
Windows Server 2012 (32 or 64-bit)			✓	✓		✓
Windows Server 2008 R2 (32-bit or 64-bit)			✓	✓		✓
Windows 10	✓	✓	✓	✓	Client only	✓
Windows 8 (32 or 64 bit)	✓	✓				✓
Windows 8.1 Pro or above (64-bit)	✓	✓	✓	✓	Client only	✓
Windows 7 Professional or above (64-bit)	✓	✓	✓	✓	Client only	✓
QNX4					Server only	
Database	MS SQL Local DB	Paradox	MS SQL	MS SQL	RAIMA	MS SQL
Supported in ESXi environment					✓	
<b>System Management</b>						
Graphic maps		✓		✓	✓	✓
Multi-client	✓			✓	✓	✓
Multi-tenancy			✓	✓	✓	✓
Advanced operator permissions	✓		✓	✓	✓	✓
Software triggering					✓	✓
Off-site redundancy			MS SQL	MS SQL	✓	MS SQL
Automated database backup	✓	✓	✓	✓	✓	✓
<b>Interface options</b>						
ODBC compatible database	✓		✓	✓		✓
3rd party alarm interface					✓	✓
3rd party video support				✓	✓	✓
User Link protocol					✓	✓
Automatic user import				✓	✓	✓
Automatic user export					✓	
Manual user import by CSV			✓	✓	✓	✓
Manual user export by CSV					✓	✓
Live printer output				✓	✓	
ASCII data output (IP or serial)					✓	

# Software Comparison Matrix cont...

	TitanCT	Titan 3.5.1	Security Commander Lite	Security Commander 2.3	Forcefield 7.2.2	TecomC4
<b>Third Party Integration</b>						
TruVision video				✓	✓	✓
Genetec video				✓	✓	✓
Pacom video						✓
Verint Nextiva video				✓	✓	
Milestone video						✓
Avigilon video				✓	✓	✓
Commend IP intercom					✓	
Jacques 550 intercom					✓	
Teleste VMX IP video system					✓	
DVTel alarm interface					✓	
Visitor Management				✓		✓
Ascom Nira duress					✓	
KONE destination lift interface					✓	
Otis destination lift interface					✓	
<b>Video integration (Interlogix) - please refer to individual product interface datasheets for detailed functionality</b>						
View live and recorded footage		n/a	n/a	✓	✓	✓
Access and alarm event tagging		n/a	n/a	✓	✓	
PTZ control		n/a	n/a	✓	✓	✓
Megapixel IP camera support		n/a	n/a	✓	✓	✓
Multiview support		n/a	n/a		✓	✓
Export recorded footage		n/a	n/a	✓	✓	✓
Save snapshots of live or recorded footage		n/a	n/a	✓	✓	✓
High or low bandwidth video streams		n/a	n/a	✓	✓	✓
Pop up video on event		n/a	n/a	✓	✓	✓
Export video clip from client		n/a	n/a		✓	✓
Full video device configuration		n/a	n/a		✓	
DVR time synchronisation		n/a	n/a	✓	✓	✓
Custom camera layouts		n/a	n/a	✓	✓	
Receive video system alarms		n/a	n/a	✓	✓	✓
Control playback direction and speed		n/a	n/a	✓	✓	✓
Camera import function		n/a	n/a	✓	✓	✓
<b>Alarm handling</b>						
Alarm priorities			✓	✓	✓	✓
Predefined alarm responses	✓		✓	✓	✓	
Alarm follow up	✓				✓	✓
Email notification				✓	✓	✓
Alarm override screen					✓	
Watchhouse mode					✓	
Custom audio based on priority			✓	✓		
<b>Access control</b>						
Swipe and show (door monitor)				✓	✓	✓
Guard tours					✓	
Door override					✓	✓
<b>User management</b>						
Customisable user maintenance					✓	✓
Smart card programmer integration	✓	✓	✓	✓	✓	
User profiles			As template	As template	✓	Access levels
Photo ID		✓		✓	✓	✓
Maximum users	65,535	65,535	128,000	128,000	1,000,000	Unlimited

# Software Comparison Matrix cont...

	TitanCT	Titan 3.5.1	Security Commander Lite	Security Commander 2.3	Forcefield 7.2.2	TecomC4
<b>Reporting</b>						
Automated reports					✓	
Custom history report	✓	✓				✓
Report templates			✓	✓	some	✓
Time and attendance				✓	✓	✓
<b>Features</b>						
Multi-monitor support	✓		✓	✓		✓
Bulk card creation	✓	✓	✓	✓	✓	✓
Bulk card edit	✓	✓	✓	✓	✓	✓
Bulk person edit	✓	✓	✓	✓	✓	✓
Bulk device edit (inputs etc.)	✓		✓	✓		✓
<b>Scalability</b>						
Clients	n/a	n/a	n/a	10	200	Unlimited
Maximum panels	16	16	5	128	2,560	Unlimited
Maximum DVRs	n/a	n/a	n/a	64	999	Unlimited
Events per second	n/a	1	10	10	20	20+
Maximum database size	10GB	1GB	Unlimited	Unlimited	2GB	Unlimited

# TecomC4 Integration Matrix

## Challenger10 - Challenger V8 comparison

	Challenger10 driver	Challenger V8 driver
Non-IUM Mode		✓
IUM mode	✓	✓
Encryption	AES256	Twofish
Automation zones	✓	
Paths	✓	
Expanders	✓	
Full device descriptions from panel	✓	
Detect network comms issues	✓	
Area Groups	✓	
Timezones segments	8	4
Max Areas	99	16
Max Inputs	1008	256

## Challenger10 Drivers

Challenger10 Driver	1.0.15060.40	1.0.17823.92
TecomC4 2016	✓	
TecomC4 2017	✓	✓
TecomC4 2018	✓	✓
Import panel name		✓
Import device names	All devices	New devices only
Advanced alarm groups	Auto or master only	Auto, custom, master
Card + PIN linking	Auto	Manual

# TecomC4 Integration Matrix - CCTV

Device Category	TruVision	Pacom	Geutebruck	HIK Vision	Dallmeier	Genetec	Milestone	Avigilon
Supported Functionality								
Import from file							✓	✓
Encrypted Communication	✓			✓				✓
Device Auto Import	✓		✓	✓	✓	✓	✓	
Time Synchronization	✓			✓				
Time Zone Support	✓			✓	✓		✓	✓
Live Video Streaming	✓	✓	✓	✓	✓	✓	✓	✓
Recorded Video Streaming	✓	✓	✓	✓	✓	✓	✓	✓
Video Records Downloading	✓			✓	✓	✓		
Voice Transmitting	✓			✓				
Audio Streaming	✓			✓	✓			✓
PTZ	✓		✓	✓	✓	✓	✓	✓
Presets	✓		✓	✓	✓	✓	✓	✓
Motion Detection	✓			✓				
Live Stream Snapshot	✓		✓			✓		
Recorded Stream Snapshot	✓					✓		
Multiple Stream Types	✓	✓		✓				✓
Device Audit Log Retrieval	✓			✓	✓			
Remote Device Control				✓	✓		✓	
Dynamic Command State	✓			✓				

Device	Licensed Unit(s)	Supported TecomC4 Version	Supported 3rd Party Version	Supported SDK Version
TruVision	DVR	2016 SP7 - 2018	TruVision DVR & TruVision NVR series	TruVision SDK 4.1.0.40
Pacom	DVR	2017 - 2018	PACOM NVR	GDK
Geutebruck	DVR	2017 - 2018	Firmware 2.2.2.165	G-Core-SDK 2.3.1.248
HIK Vision	DVR	2016 SP7 - 2018	DS-72xx, DS-73xx, DS-76xx, DS-77xx, DS-78xx, DS-80xx, DS-81xx, DS-88xx, DS-96xx, DS-72xxHX-SH, DS-7616, DS-7732NI-SP, DS-80xxHFI/HEI/HCI/HSI-S, DS-90xxHF-XT, DS-90xxHFI-ST, DS-90xxHFI-S(H), DS-91XXHF-XT, DS-91xxHFI-ST, DS-91xxHFI-S(H), DS-91xxHWI-ST, DS-91xxHFI-RH	HCNet SDK 4.2.8.1
Dallmeier	DVR	2016 SP7 - 2018	7.1.1, ActiveX 1.2.4.6 or later	7.1.1, ActiveX 1.2.4.6 or later
Genetec	Camera	2018	Genetec Security Center v5.5 SR5 or later.	5.5 SR5 (Only)
Milestone	Camera	2016 SP7 - 2018	XProtect 2014, 2016, 2017 R2 (Professional version or better required for each)	MIP SDK 2014
Avigilon	Camera	2016 SP7 - 2018	Avigilon Control Center 5 Avigilon Control Center 6	ACC SDK 5.8.0.28



# TecomC4 Integration Matrix - Intrusion

Device Category	Challenger10	Challenger V8	DSC PowerSeries Neo
<b>Supported Functionality</b>			
Combined Credentials		✓	
Encrypted Communication	✓	✓	✓
Device Auto Import	✓	✓	✓
Time Synchronization	✓	✓	✓
Time Zone Support	✓	✓	✓
Card Learning	✓	✓	
Dynamic Upload	✓	✓	
Access Time Restriction	✓	✓	
Holidays Support	✓	✓	
Pin Management	✓	✓	✓
Card Management	✓	✓	✓
Reserved Memory Zones			✓
Antipassback Forgiveness	✓	✓	
Handicapped Flag	✓	✓	
Alarm Suppression	✓	✓	
Device Audit Log Retrieval	✓	✓	✓
Remote Device Control	✓	✓	✓
Dynamic Command State	✓		✓
Supported Card Segments			
- Site / Facility Code	✓	✓	
- Issue Code			
- Card Number	✓	✓	✓
Supported PIN Lengths	4, 5 ,6 ,7, 8	4, 5 ,6 ,7, 8	4, 6, 8

Device Category	Licensed Unit(s)	Supported TecomC4 Version	Supported 3rd Party Version
Challenger 10	Panel	2016 SP7 - 2018	V10-06.12250 or later
Challenger V8	Panel	2017 SP1 - 2018	V8-MFR.883 or newer
DSC PowerSeries Neo	Panel	2016 SP7 - 2018	TL280/TL2803G v4.1, 5.0

# Hardware Comparison Matrix

	Challenger10 TS1016	ChallengerLE TS1016LE	Network Access Controller TS1066B
<b>Memory Modules</b>			
TS1084 - Memory Module expands to 65,535 users	✓		
<b>Communication Devices</b>			
TS0098 - IP LAN Adaptor	Requires firmware version 3893 or greater		
TS1053 - 3G Communication Module	✓	✓	
TS0840 - 4 way relay	✓	✓	✓
TS0841 - 8 way relay	✓	✓	✓
TS0842 - 16 way open connector	✓	✓	✓
TS0893 - LAN Isolation interface	✓	✓	
TS0896 - RS485 to Fibre Interface	Requires firmware version 2050-003 or greater		
TS1091 - Enhanced Communications licence			
<b>Data Gathering Panels (DGPs)</b>			
TS1020 - Challenger10 DGP	✓	✓	✓
TS0820 - Challenger V8 DGP	✓	✓	✓
TS0825E - Wireless DGP	✓	✓	
TS0824 - Challenger V8 DGP, DC	✓	✓	
TS0827 - Challenger V8 4-input	✓	✓	✓
TS1061 - Dual Wiegand Expander	✓		✓
<b>Controllers</b>			
TS0862 - Smart single-door controller	✓	✓	✓
TS0866 - Intelligent four-door controller	Requires firmware version R110613.801 or greater		
TS0867 - Intelligent four-door controller	Requires firmware version R110613.801 or greater		
TS0869 - Intelligent four-lift controller	Requires firmware version L110613.803 or greater		

Software	Version	Challenger V8 firmware support	Challenger10 firmware support	ChallengerSE firmware support	ChallengerLE firmware support
Forcefield™	7.2.2	8.128 or above	V10-06	V10-06	V10-06
Security Commander	2.3	8.128 or above	V10-06	V10-06	V10-06
Titan	3.5.1	8.128 or above	V10-06	V10-06	V10-06
Tecom Mobile	1.1.68	n/a	V10-06	V10-06	V10-06
IP Receiver	1.49	8.128 or above	V10-06	V10-06	V10-06
TecomC4	2018	V8-MFR.883 or above	V10-06	n/a	n/a
TitanCT	2.0	n/a	V10-06	n/a	n/a

# DGPs and Expanders

## Data Gathering Panels and Expanders

	TS0021	TS1021
TS1020 - Analogue DGP (requires firmware version 5170 or greater)	✓	✓
TS0820 - Challenger V8 DGP	✓	
TS0824 - Challenger V8 DGP, DC power	✓	
TS0866 - Intelligent four-door controller	✓	

## TecomC4 Software

TecomC4 is available to trained installers and can be purchased from Hills. Visit [www.hills.com.au](http://www.hills.com.au) to find your local branch. Once you have been trained and you have placed your purchase order at your local Hills branch, you can register online at [www.interlogix.com.au/registerTecomC4](http://www.interlogix.com.au/registerTecomC4). A link will be sent to your registered email address where you can download the latest version of TecomC4 software.

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## Resources

The Tecom Challenger portfolio provides a number of options to ensure your security needs are met. The resource library at [www.interlogix.com.au](http://www.interlogix.com.au) contains all the information you'll need.

Don't forget to visit [www.interlogix.com.au/downloads](http://www.interlogix.com.au/downloads) to download the latest software and firmware versions.

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