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Compatibility Matrix

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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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Data Gathering Panels and Expanders

Control Panels

	Challenger10 TS1016	ChallengerSE TS1016SE	ChallengerLE TS1016LE
Users (expanded)	2,000 (65,535)	100 (2,000 or 65,535)	100
Users with names	2,000	2,000	100
Areas	99	99	16
Area Groups	255	255	32
Alarm Groups	255	255	42
Floor Groups	128	128	Not applicable
Zone inputs	1008	1008	40 physical, 8 logical
Relays	512	512	32
Event flags	255	255	100
Time zones	46, with 8 parts	46, with 8 parts	24, with 8 parts
Soft time zones	16	16	16
Holidays	24	24	24
Holiday types	8	8	8
Alarm history events	5,000	5,000	500
Access history events	5,000	5,000	500
Automation zones	100	100	20
RS-485 LANs	2	2	1
DGPs (total/intelligent)	31/24	31/24	1/0
RASs/Doors	32	32	16
Doors via Controllers	96 (intelligent doors)	96 (intelligent doors)	Not applicable
- Total doors	128 (32 + 96)	128 (32 + 96)	16
Lifts via Controllers	96	96	Not applicable
Input shunt timers	32	32	16
RAS area-LED mapping	Any areas	Any areas	Any areas
RAS relay assignment	Via relay number	Via relay number	Via relay number
Macro logic programs	48	48	16
Total disarm areas	Yes	Yes	No
Area search mode	Yes	Yes	No
Financial options	Yes	Yes	No
SD card backup/restore	Yes	Yes	No
Vault programming	Yes	Yes	No
Dialler	Yes	Yes	No
Ethernet	Yes	Yes (Timeout after 60 mins)	Yes
USB	Yes	Yes	Yes

Software Comparison Matrix

	TitanCT	Titan 3.5.1	Security Commander Lite	Security Commander 2.3	Forcefield 7.2.2	TecomC4
Challenger panel support						
Challenger10	✓	✓	✓	✓	✓	✓
ChallengerSE		✓	✓	✓	✓	
ChallengerLE		✓	✓	✓	✓	
Challenger V8		✓	✓	✓	✓	✓
Panel configuration upload/download	✓	✓	✓	✓	✓	
Panel user management	Full	Full	Download	Download	Download	Download
Panel user upload	✓	✓				
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	V10-06	V10-06	V10-06	V10-06	V10-06	V10-06
Titan migration	Partial	n/a	Full	Full	Partial	
OS/Database support						
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					✓	
System Management						
Graphic maps		✓		✓	✓	✓
Multi-client	✓			✓	✓	✓
Multi-tenancy			✓	✓	✓	✓
Advanced operator permissions	✓		✓	✓	✓	✓
Software triggering					✓	✓
Off-site redundancy	MS SQL Local DB		MS SQL	MS SQL	✓	MS SQL
Automated database backup	✓	✓	✓	✓	✓	✓
Interface options						
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
Third Party Integration						
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					✓	
Video integration (Interlogix) - please refer to individual product interface datasheets for detailed functionality						
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	✓	✓	✓
Alarm handling						
Alarm priorities			✓	✓	✓	✓
Predefined alarm responses	✓		✓	✓	✓	
Alarm follow up	✓				✓	✓
Email notification				✓	✓	✓
Alarm override screen					✓	
Watchhouse mode					✓	
Custom audio based on priority			✓	✓		
Access control						
Swipe and show (door monitor)				✓	✓	✓
Guard tours					✓	
Door override					✓	✓
User management						
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
Reporting						
Automated reports					✓	
Custom history report	✓	✓				✓
Report templates			✓	✓	some	✓
Time and attendance				✓	✓	✓
Features						
Multi-monitor support	✓		✓	✓		✓
Bulk card creation	✓	✓	✓	✓	✓	✓
Bulk card edit	✓	✓	✓	✓	✓	✓
Bulk person edit	✓	✓	✓	✓	✓	✓
Bulk device edit (inputs etc.)	✓		✓	✓		✓
Scalability						
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	Milestone	Avigilon	Genetec	Geutebruck
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
Genetec	Camera	2017 SP2 - 2018	Genetec Security Center v5.5 SR5 or later.	5.5 SR5 (Only)
Milestone	Camera	2016 SP7 - 2018	XProtect 2014, 2016, 2017 R2	MIP SDK 2014
Avigilon	Camera	2016 SP7 - 2018	Avigilon Control Center 5	ACC SDK 5.8.0.28

TecomC4 Integration Matrix - Intrusion

Device Category	Challenger10	Challenger V8	DSC PowerSeries Neo
Supported Functionality			
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

	Challenger V8 TS0816	Challenger10 TS1016	ChallengerSE TS1016SE	ChallengerLE TS1016LE
Memory Modules				
TS0882 - 1 MB Module expands to 2,000 users	✓			
TS0883 - 4 MB Module expands to 17,000 users	✓			
TS0884 - 8 MB Module expands to 65,535 users	✓			
TS1082 - User Expansion licence module			✓	
TS1084 - Memory Module expands to 65,535 users		✓	✓	
Communication Devices				
TS0091 - Computer printer interface	✓			
TS0098 - IP LAN Adaptor	✓		Requires firmware version 3893 or greater	
TS0099 - TCP/IP Interface	✓			
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			✓	
Data Gathering Panels (DGPs)				
TS1020 - Challenger10 DGP	✓	✓	✓	✓
TS0820 - Challenger V8 DGP	✓	✓	✓	✓
TS0825E - Wireless DGP	✓	✓	✓	✓
TS0824 - Challenger V8 DGP, DC	✓	✓	✓	✓
TS0827 - Challenger V8 4-input	✓	✓	✓	✓
Controllers				
TS0862 - Smart single-door controller	✓	✓	✓	✓
TS0866 - Intelligent four-door controller	✓	Requires firmware version R110613.801 or greater		Not supported
TS0867 - Intelligent four-door controller	✓	Requires firmware version R110613.801 or greater		Not supported
TS0869 - Intelligent four-lift controller	✓	Requires firmware version L110613.803 or greater		Not supported

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 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. 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 contains all the information you'll need.

Don't forget to visit www.interlogix.com.au/downloads to download the latest software and firmware versions.

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