

Technology Certification Process (TCP)



Technology Advisory Services

Agenda

- ❖ Introduction and Background
- ❖ Regulatory Environment
- ❖ GITOC TTT
- ❖ Technology Certification Process (TCP)
- ❖ Technology Advisory Services (TAS)
- ❖ Technical Documentation: Specifications and Forms
- ❖ TCP Databases: Product & OEM

TCP Introduction & Background



Introduction

❖ Definition:

- OEM = brand legal entity or local delegate (e.g. Distributor)

❖ Requirements:

- OEM signs Memorandum of Agreement (MOA) with SITA
- OEM accredits partners/suppliers to supply to Government
- OEM certifies products with SITA

❖ SITA establishes transversal contract per commodity/solution type

- OEM partners are SITA-accredited on transversal contract

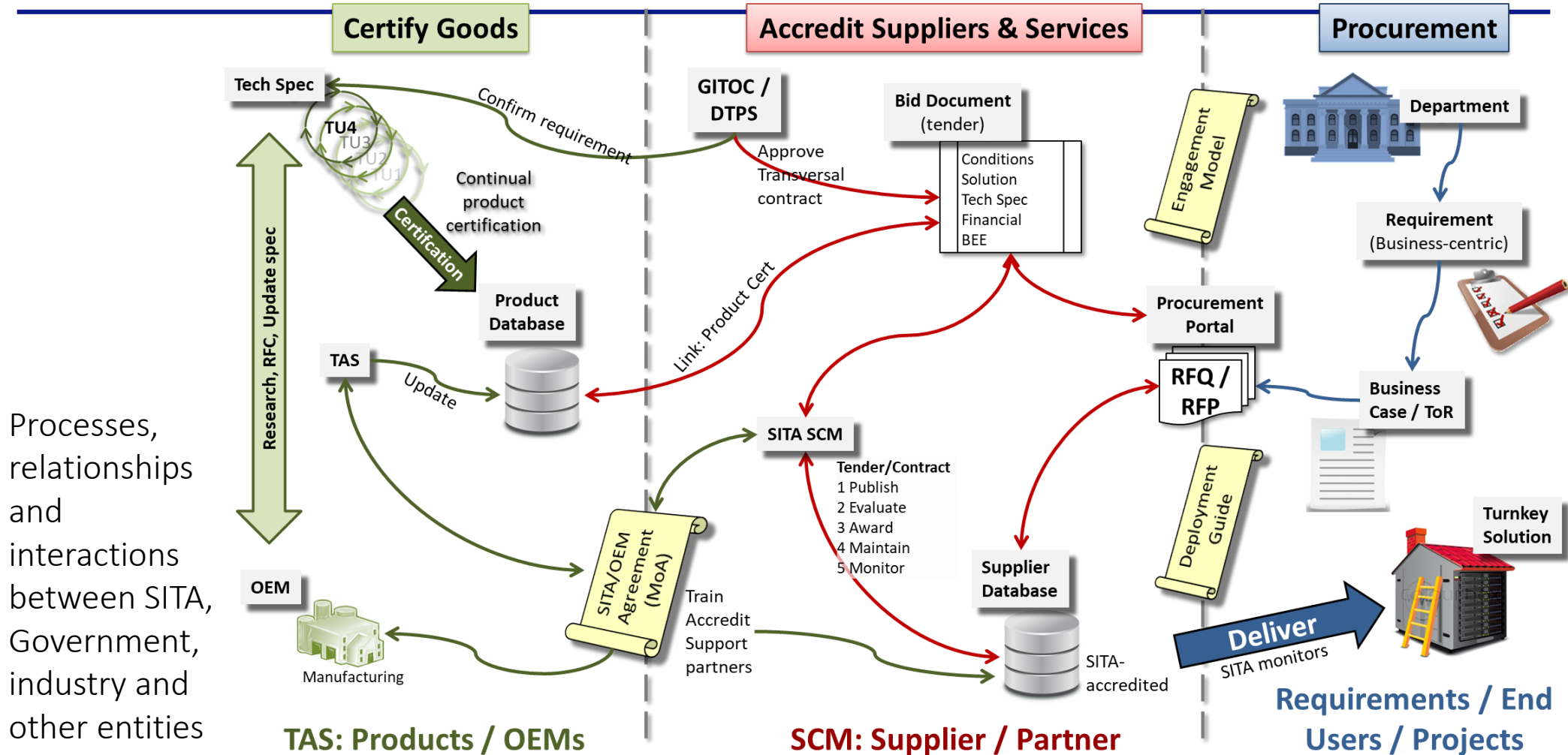
OEM conditions (MOA)

- ❖ Support technical product certification process and other SITA goals
- ❖ Continuously empower partners via training, certification, information, support
- ❖ Partners allowed to supply only certified products and configurations to Government
- ❖ Closer cooperation between SITA and OEMs to meet SITA/Government mandates and goals
- ❖ Stimulate development of local ICT industry

Technology Certification Process (TCP)

- ❖ Capture client requirements in detail spec (SITA + Government)
- ❖ Ratify and publish detail spec (GITOC + SITA)
- ❖ Submits products and information to SITA (OEM)
- ❖ Evaluate products according to spec (SITA)
- ❖ Certify compliant products, capture in Product Database (SITA)
- ❖ Update and maintain product database (OEMs, SITA)

Processes and Interactions



Processes, relationships and interactions between SITA, Government, industry and other entities

TAS: Products / OEMs

SCM: Supplier / Partner

Requirements / End Users / Projects

Regulatory Environment



SABS

Laws, Regulations and Standards

- ❖ SA Constitution Article 217: cost-effective
- ❖ SITA Act: all ICT Goods and Services must be certified
- ❖ MIOS: Minimum Interoperability Standard
- ❖ Mandatory national standards: **SABS, NRCS, ICASA**
- ❖ Quality, safety and environmental standards: **ISO9000, ISO14000, EPA, CISPR, CB, CE**
- ❖ Devices must comply with these in order to be SITA-certified

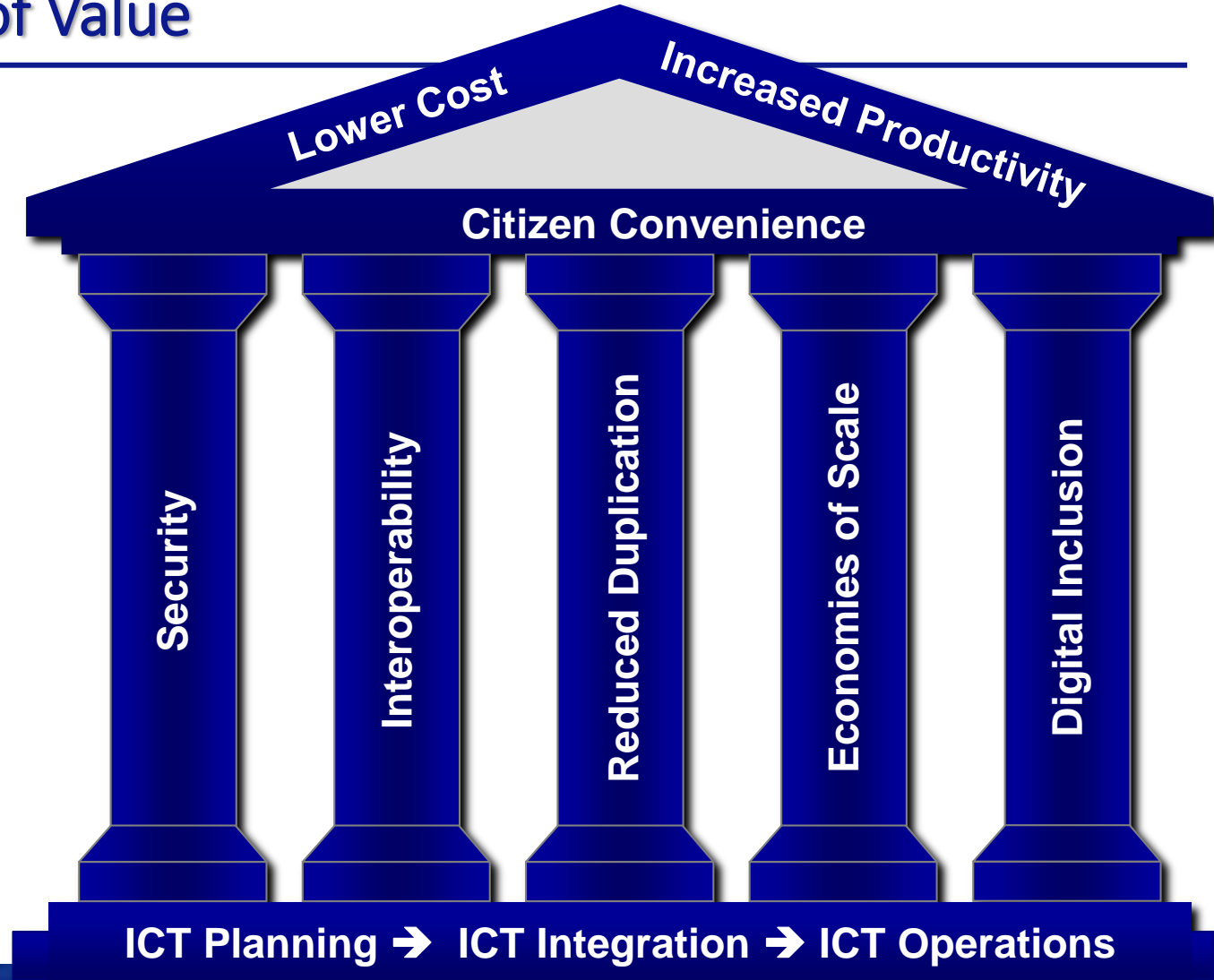


SABS



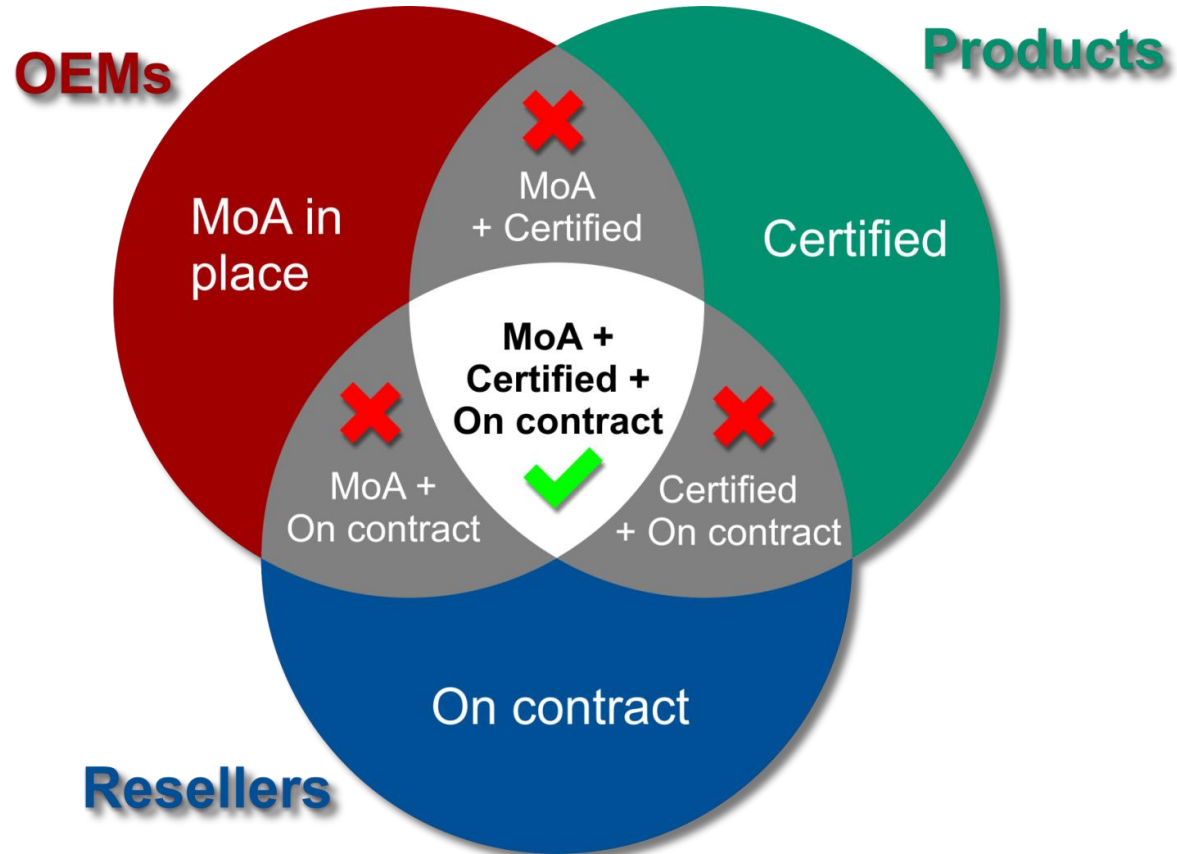
e-Government House of Value

- ❖ Developed by DPSA
- ❖ Strategic guide for all standards and specifications



Legal requirements for supplying via transversal contract

1. Brand must be registered
2. Brand must be listed on contract
3. Supplier must be listed on contract
4. Supplier must be accredited for the brand on contract
5. Product must be certified





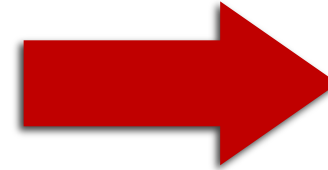
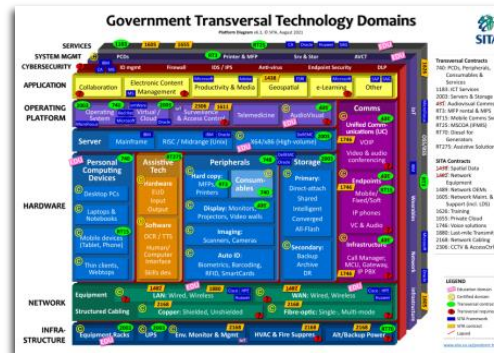
Technology Task Team (TTT)



Fostering Technical Excellence in Government

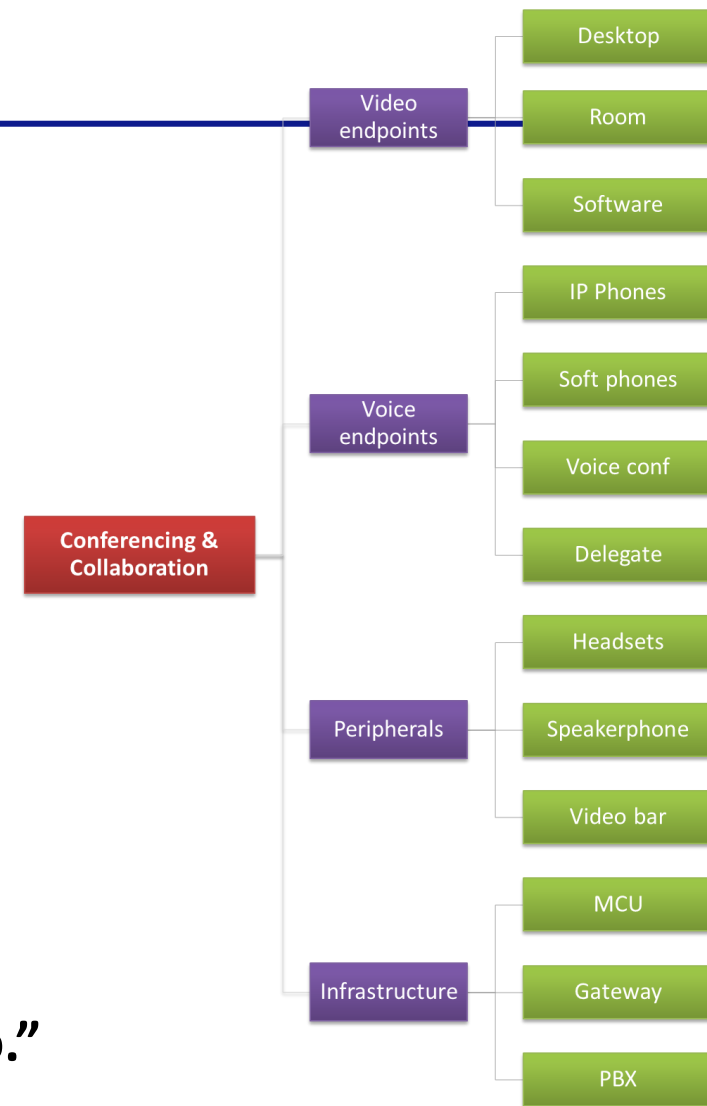
- ❖ Official forum for defining standards and providing feedback into standards and process from Government ICT community
- ❖ Develop technology standards and provide technical advice to **Government IT Officers Council (GITOC)**
- ❖ Develop, ratify, maintain and apply technology standards within Government ICT infrastructure
 - SITA does not originate the standards!
- ❖ Develop best practice guides, collaborate within technical community
- ❖ Representatives from many Departments, incl. DALRRD, DBE, DCDDT, DCS, DEA, DFFE, DHET, DOD, DPME, DTI, DWS, NDT, SAPS, SocDev, Provinces

Technology Certification Process (TCP)



Technology Domain Definition

- ❖ A logical collection of technologies, solutions and services that addresses a specific type of ICT need
 - E.g. AVCT, Networking, Education, Surveillance & Access Control, PCDs
- ❖ Based on accepted industry categorisations of ICT commodities
- ❖ Each domain is divided into sub-categories and commodities, for which individual standards and requirements are developed
- ❖ Foundation for TCP standards
- ❖ **“We write the technical specs so you don’t have to.”**



Transversal Technology Domains

- ❖ 10 domains defined and approved by GITOC
- ❖ **Transversal** = applies to multiple Government Departments



Personal Computing Devices



Computer Peripherals



Education Solutions



Assistive Technologies



Audiovisual & Unified Comms



Surveillance & Access Control



Servers & Storage



Networking



Infrastructure



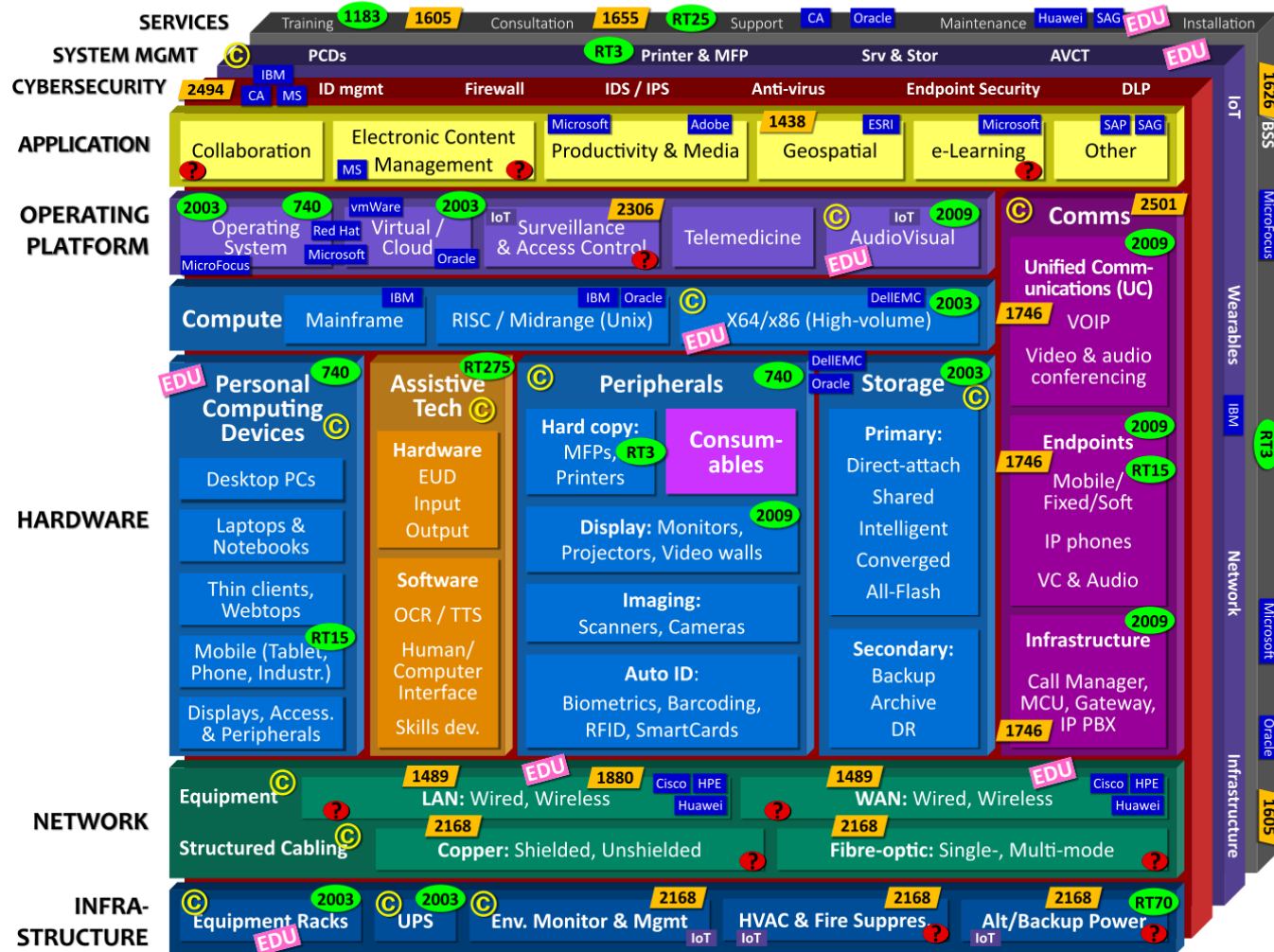
Cybersecurity



Tech Domain Diagram

Government Transversal Technology Domains

Platform Diagram v6.5, © SITA, May 2023



- Transversal Contracts**
- 740: PCDs, Peripherals, Consumables & Services
 - 1183: ICT Services
 - 2003: Servers & Storage
 - 2009: AudioVisual/UC/VC
 - RT3: MFP rental & MPS
 - RT15: Mobile Comms Svc
 - RT25: MSCOA (IFMIS)
 - RT70: Diesel for Generators
 - RT275: Assistive Solutions
- SITA Panels**
- 1489: Network OEMs
 - 1605: Network Maint. & Support (incl. LDS)
 - 1626: Training
 - 1655: Private Cloud
 - 1746: Voice solutions
 - 1880: Last-mile Transmit
 - 2168: Network Cabling
 - 2306: CCTV & AccessCtrl
 - 2494: Cybersecurity
 - 2501: UC & VC Solutions

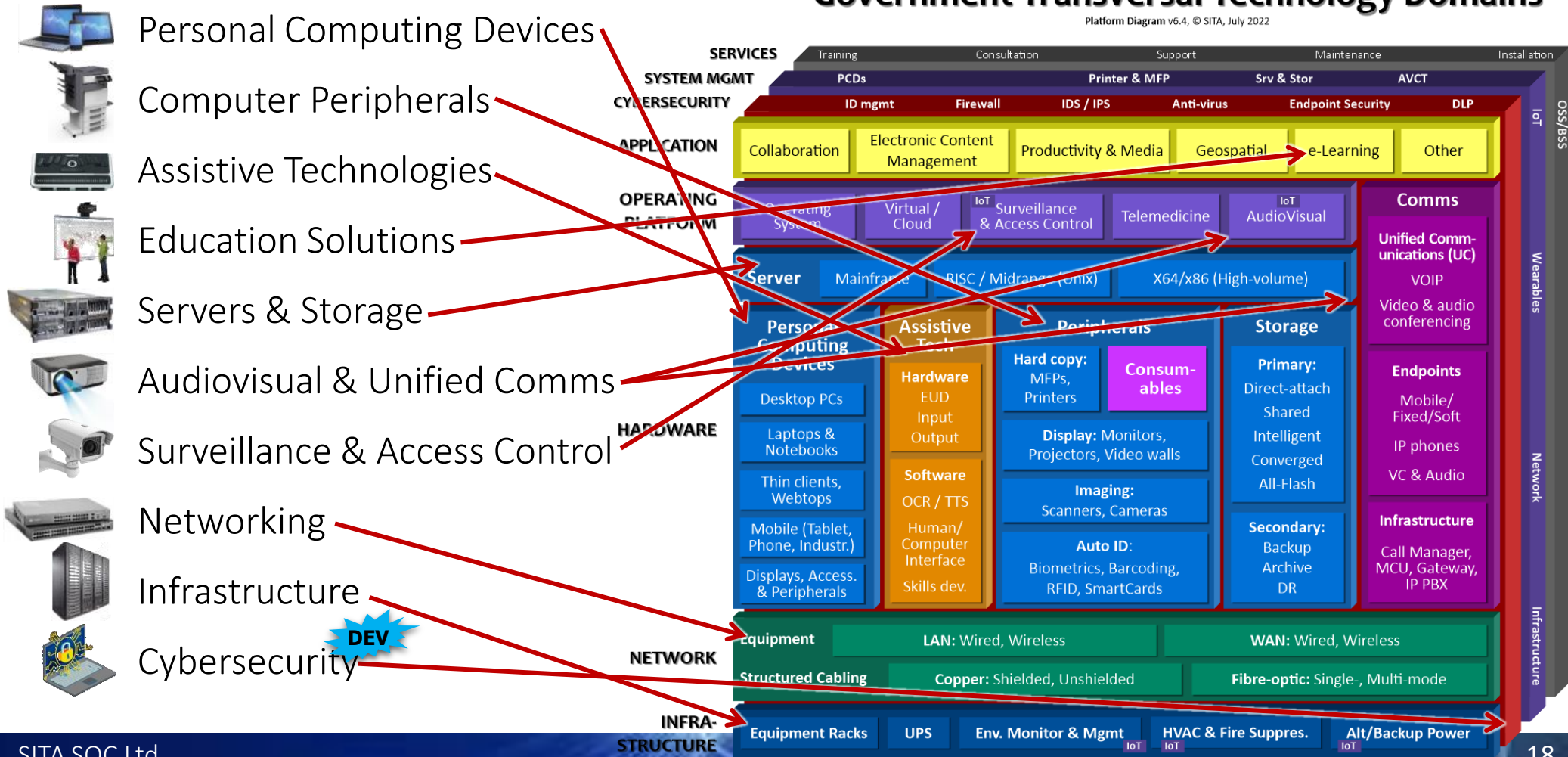
- LEGEND**
- EDU Education domain
 - C Certified domain
 - Transversal contract
 - Transversal required
 - SITA Framework
 - SITA contract
 - Lapsed

- ❖ Relative logical positioning and relationships between domains
- ❖ Procurement contracts per domain
- ❖ Types of procurement contracts
- ❖ TCP applicability
- ❖ Download PDF from www.sita.co.za/prodcert.htm

Mapping of Technology Domains

Government Transversal Technology Domains

Platform Diagram v6.4, © SITA, July 2022



OEM Memorandum of Agreement (MoA)

- ❖ Register product brands (manufacturers)
- ❖ Establish framework for certification with OEMs
 - Government requirements for support, accreditation, partner development
- ❖ 270+ agreements in place across 9 technology domains
- ❖ MoA is a pre-requisite before products can be submitted for certification



Product Certification Process

- ❖ OEMs are responsible for certifying products
- ❖ Download documents from www.sita.co.za/prodcert.htm
 - Product Certification Checklist
 - Detail Spec
- ❖ Complete the documents
- ❖ Get all deliverables (certificates, datasheets)
- ❖ Submit to TAS for processing
- ❖ Schedule Technical Verification Meeting
- ❖ Deliver product to Tech Lab for testing
- ❖ Suppliers must check certification before quoting!

Product Certification Checklist

Product Brand _____

Technology Domain _____

Organisation representing brand (delegated by OEM) _____

Item/Category (e.g. PC2 / Srv3 from submitted Detail Spec) _____

Product to be certified (model name) _____

Notes/Conditions for Certification Process

• This checklist and other related documents must be downloaded from www.sita.co.za/prodcert.htm

SITA Certification: Audiovisual Comms Tech (AVCT) Technical specification
This form must be filled in and submitted in Excel format Version 4.02 - TU4, H2 2021

meeting date: _____

Line #	Specification	Response / OEM price incl. VAT	Comment / Details / Model #
Product brand name _____			
Product name/model number _____			
OEM or OEM representative _____			
SECTION 1: TECHNICAL SPECIFICATION (Mandatory)			
Note: Section 1 specifies mandatory components and capabilities that must be supported by the offered solution (implemented and fully functional across all subsystems).			
A. Functional Requirements			
A.1	VC, meeting and messaging application with support for video and audio peripherals. Support for multiple client platforms, including desktop/laptop, web and mobile devices; prefer on-premise support for cloud systems	No	_____
A.2	Support for connecting with third-party VC systems, cloud-based VC and/or standards-based infrastructure and endpoints	No	_____
A.3	Support for data sovereignty w.r.t. cloud-based solutions:		
A.3a)	System must be able to function within the Government network, and not be dependent on public cloud services preferred	No	_____
A.3b)	Hosting and maintaining entire service and all communications within SA borders preferred	No	_____
A.3c)	On-premise or private cloud version for deployment within SITA WAN preferred	No	_____
A.4	This specification is intended to support a complete solution, supplied, installed and serviced by a certified OEM partner, fulfilling the stated client business requirement in the ad hoc RFP/RFQ. Except where specifically noted in the RFP/RFQ, solutions must include all components specified here, including signal and device management, and services including installation, configuration, maintenance and support	No	_____
A.4a)	Solution must be optimally sized and configured to suit the client's stated business requirement as defined in the Request for Quotation/Proposal (RFQ/RFP)	No	_____
A.4b)	All required components, software, functionality and licences must be included in the total solution cost for the entire SLA period	No	_____
A.5	Support included in solution price: on-line or telephone support during office hours (7.30 - 17.00), all upgrades and fixes, with 4-hour acknowledgement and next business day resolution, with on-site call-out if not resolvable remotely (time for resolution Zone-dependent according to Conditions) for 3 years (36 months) from date of delivery. OEM partner will be responsible for providing on-site services.	No	_____

TCP website

www.sita.co.za/prodcert.htm

The screenshot shows the SITA website's navigation menu. The 'Procurement' link is circled in red. A red arrow points from the 'www.sita.co.za' address bar to the 'Procurement' link. Another red arrow points from the 'Product Certification' link in the 'Standards' sub-menu to the right-hand page. The sub-menu items are: e-Procurement, Central Supplier Database, Transversal Contracts (Software, Hardware, Services), Standards (MISS, MIOS, Product Certification), Request for Quotations (RFQ Below R500 000, RFQ Bulletin, New RFQ Invitations, RFQ Cancellation List, RFQ Consolidation List, Regulations and Processes, Search RFQs), and FAQs.

The screenshot shows the SITA Product Certification page. The page title is 'Product Certification'. The navigation bar includes 'Home', 'About Us', 'Services', 'Procurement', 'Cutting Edge Focus', 'GovTech', and 'Contact Us'. The breadcrumb trail is 'Home > Procurement > Standards > Product Certification'. The main content area lists technology domains addressed by the TCP, including Personal Computing Devices, Peripherals, Education Solutions, Assistive Technologies, AVCT, Servers & Storage, Networking, and Infrastructure. Below the list is a large grid of logos for various technology vendors. The 'Documents and Forms' section includes links for 'Checklist Product Certification Meeting', 'DEM Memorandum of Agreement (MoA)', 'Technology Certification Process', and 'Presentation: TCO Considerations vs Retail Stores'. At the bottom, there is a 'Government Transversal Technology Domains' diagram and a 'Technology Domains' section with sub-headers for 'Personal Computing Devices' and 'Peripherals'.

TECHNOLOGY @ YOUR

Technology Advisory Services (TAS) Technology Lab



Technology Advisory Services (TAS)

- ❖ Based in **Technology Lab** @ SITA Erasmuskloof
- ❖ Document and enforce the standards defined by GITOC
- ❖ Interact with OEMs and Departments, not resellers
- ❖ Support of transversal contracts:
 - Product certification
 - Product testing in the Tech Lab
 - Advisory services and technology consultation
 - Requirements definition and procurement process advice
 - Audit/confirmation of technical solution delivery
 - Dispute resolution
- ❖ All specifications and documents @ www.sita.co.za/prodcert.htm



Lab Testing

- ❖ OEMs deliver samples to Lab
- ❖ Standard test process per device type:
 - Laptops, Printers, Displays, Projectors, Desktops, etc.
- ❖ Examples of tests:
 - Image quality
 - System performance (benchmarks)
 - Battery life
 - Communications
 - Compatibility (e.g. JITSi, Teams)
- ❖ Confirm compliance with specifications
- ❖ Only products that meet all requirements and pass all tests are certified

The collage includes several key components of the lab testing process:

- Color Calibration:** A chart with various color patches and grayscale steps for ensuring accurate image reproduction.
- Technical Specification Form:** A form titled "Item IA_Dis: Interactive display" with fields for product name, model number, and technical specifications. It includes a "SECTION 1: TECHNICAL SPECIFICATION (Mandatory)" section with a note about mandatory components.
- Tech Lab Evaluation Checklist:** A checklist for a "Notebook" with fields for brand, product name, date, and tester name. It includes a "Test Unit Properties" section with fields for OS, CPU, GPU, and storage.
- PCMark 10 Results:** A screenshot of PCMark 10 Modern Office Battery Life test results showing a score of 10 h 31 min. It includes validation, run information, result details, test settings, additional output, and system details.

Technical Documentation Specifications and Forms



A collage of technical documents and test charts. The primary document is a "Product Certification Checklist" from SITA, detailing requirements for a "VC_Soft: Software-based VC system". It includes sections for "Notes/Conditions for Certs", "Verification meeting", and "Functional Requirements". Other visible documents include a "Tech Lab Evolution Checklist Notebook" and various test charts such as "ColorChecker" and "BurosCh" color calibration charts. A computer monitor in the background displays a test pattern.

Item Profiles (AVCT example)

Conferencing and Collaboration Solutions

Video Endpoints

Item	Profile	Description
VC_Desktop	Personal VC system	Personal videoconference system and audio, supporting integrated or external components
VC_Room1	Small room VC system	Videoconference system for "space" (up to 5 participants) supporting integrated or external components
VC_Room2	Medium room VC system	Videoconference system for rooms (up to 15 participants) supporting integrated or external components
VC_Room3	Large room VC system	Videoconference system for large rooms (more than 15 participants), with camera support for integrated or external (software-based) components
VC_Soft	Software-based VC system	VC, meeting and messaging application for desktop/laptop, web and mobile devices. Cloud systems preferred

Voice Endpoints and Conferencing Systems

Item	Profile	Description
Phone_IP1	Basic IP phone	Basic IP-based desk phone with network interface
Phone_IP2	Advanced IP phone	Advanced IP-based desk phone with multiple network interfaces
Phone_Soft	Soft phone/UC client	Voice or UC application with network interface, including desktop/laptop, web and mobile devices. Support for cloud systems preferred
Conf_Voice1	Basic IP voice conference system	Basic IP-based voice conference system
Conf_Voice2	Advanced IP voice conference system	Advanced IP-based voice conference system for complex rooms
Conf_Delegate	Delegate system	Scaleable digital delegate system for large venues; includes chair and delegate units and conference control system

Conferencing Peripherals

Item	Profile
Conf_Headset	UC headset
Conf_Audio	UC peripheral - speaker / handset
Conf_Video	VC peripheral - camera + speaker

Conferencing Infrastructure

Item	Profile
MCU_Soft	Software-based or virtual MCU
MCU_Appl	Appliance-based MCU
VC_Gateway	VC protocol gateway
VC_Gatekeeper	VC gatekeeper
VC_FW	VC firewall traversal solution
PBX_IP	IP-based PBX

Display and Imaging

Projectors

Item	Profile
Proj_Basic	Basic projector
Proj_UltraP	Ultra-portable projector
Proj_Mid	Midrange projector
Proj_Adv	Advanced large venue projector

Large-format Displays

Item	Profile
Mon_AV	Large format AV monitor
Mon_LFD1	Basic large format display
Mon_LFD2	Advanced large format display
Mon_Med	Medical diagnostic display

Collaboration and Information

Item	Profile
IA_Dis	Interactive display
IA_Touch	Interactive touch screen
IA_SW	Interactive software

Presenter1	Wireless presentation switcher
Presenter2	Wired presentation switcher
Dig_Signage	Digital signage solution
Info_Kiosk	Information kiosk

Advanced high-brightness data/video projector for large venues such as auditoriums or training centres

Display Wall Solutions and Components

Item	Profile	Description
VidWall1	Basic display wall solution	Entry-level pre-defined display wall solution (up to 16 hours/day), including control/management, camera and audio components
VidWall2	Advanced display wall solution	Advanced pre-defined display wall solution (24x7) for mission-critical applications. Includes required components (display, control, camera, audio, etc.)
VidWall_Ctrl1	Basic display wall control system	Basic display wall control system with aggregated (combined) display technologies, including touch and gesture
VidWall_Ctrl2	Advanced display wall control system	Advanced display wall control system with aggregated (combined) display technologies, including touch and gesture
VidWall_Panel	Display wall module - LCD panel	LCD-based flat-panel display module
VidWall_Cube	Display wall module - Projection cube	Projection cube-based display wall module for mission-critical applications
VidWall_LED	Display wall module - DV-LED	DV-LED-based flat-panel display module

Cameras and Visualisers

Item	Profile	Description
Cam_Web	Advanced web camera	High-quality web camera for teleconferencing
Cam_VC	VC camera	High-quality video camera for videoconferencing in large meeting rooms, including wide-angle and zoom capabilities
Cam_Vis1	Basic visualiser	Basic desktop visualiser
Cam_Vis2	Advanced visualiser	Advanced visualiser (document camera) for document dissemination, interaction with citizens, queue management, self-service and other applications

Technical requirements

- ❖ TU table + Detail Spec
- ❖ Service & support (3/5-year SLA)
- ❖ Bundled accessories
- ❖ Industry standards (performance, quality)
- ❖ Configurations

All products must be delivered according to these standards!

www.sita.co.za/prodcert.htm

SITA Certification: Audiovisual Comms Tech (AVCT)		Technical specification	
This form must be filled in and submitted in Excel format		Version 4.0 - TU4, H2 2021	
Item Phone_IP2: Advanced IP phone			
Line #	Specification	Response / Price incl. VAT	Comment / Details / Model #
Product brand name Product name/model number OEM or OEM representative			
SECTION 1: TECHNICAL SPECIFICATION (Mandatory)			
Note: Section 1 specifies mandatory components and capabilities that must be supported by the offered solution (implemented and fully functional across all subsystems).			

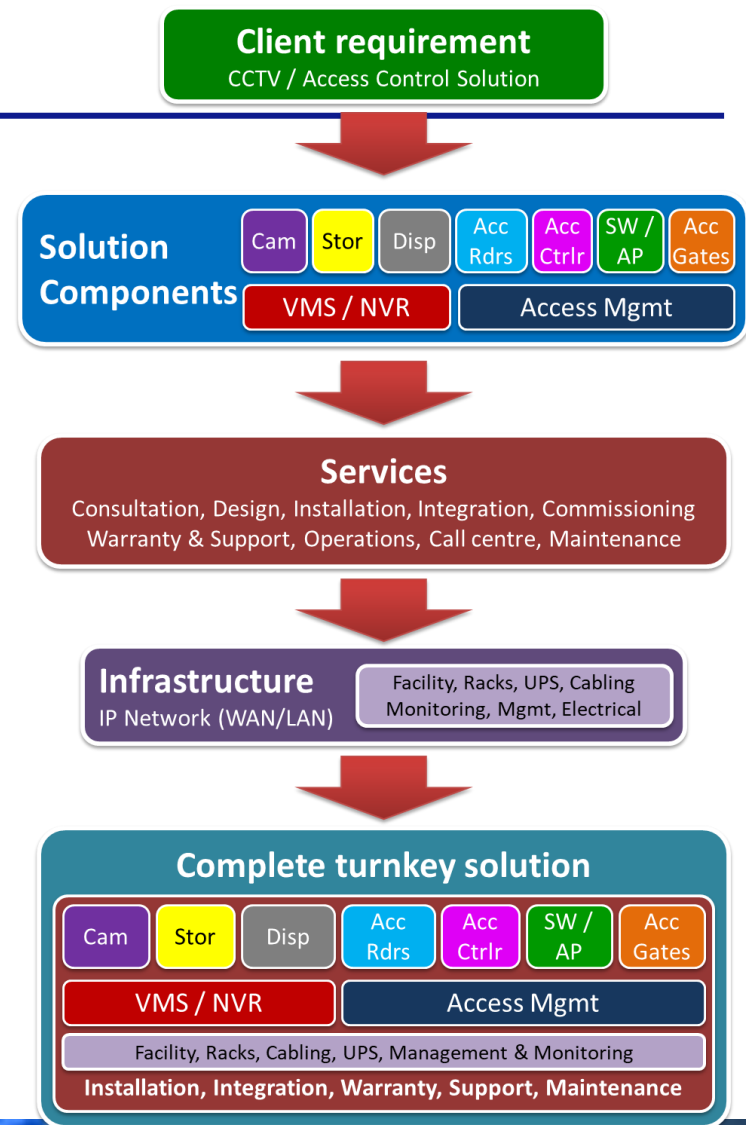
	ThinClient	PC1	PC2	PC3	PC4	PC_AIO1	PC_AIO2	PC_WS1	PC_WS2	
Profile	Thin / Zero Client	Chromebox / Nettop	Entry-level PC (local)	Midrange PC	Advanced PC	Entry-level all-in-one PC	Midrange all-in-one PC	Technical workstation, single-socket	Advanced technical workstation	
Platform	64-bit multi-core									
CPU ¹	-	AMD / ARM / Intel 2GHz	10g Cal/2g Athl (4C 4T)	11g i3/4g Ry3 (4C 8T)	11g i5/4g Ry5 (6C 12T)	10g Cal/2g Athl (4C 4T)	11g i3/4g Ry3 (4C 8T)	11g i7/4g Ry7 (8C 16T)	Xeon / Threadripper (12C 24T)	
RAM (base/max)	-	4GB	8GB / 16GB DDR-4	8GB / 32GB DDR-4	8GB / 16GB DDR-4	8GB / 16GB DDR-4	8GB / 32GB DDR-4	16GB / 64GB ECC DDR-4	32GB / 128GB ECC DDR-4	
GPU	-	120GB	240GB SSD	480GB SSD	480GB NVMe	240GB SSD	480GB SSD	Discrete Pro	OpenGL	
Local storage	-	120GB	240GB SSD	480GB SSD	480GB NVMe	240GB SSD	480GB SSD	1TB NVMe, HW RAID capable	2TB NVMe, HW RAID capable	
Display (base)	18"+ LCD, 80+ ppi, anti-glare	19"+ LCD, 80+ ppi, anti-glare	21"+ LCD, 90+ ppi, anti-glare	23"+ LCD, 90+ ppi, anti-glare	21"+ LCD, 90+ ppi, anti-glare	23"+ LCD, 90+ ppi, anti-glare	Professional 23" LCD, 90+ ppi, anti-glare			
Connectivity OS support ²	100BaseT	ChromeOS / Linux / Win	GigE						2x GigE	
Standards	-	-	Energy Star, 80Plus, DASH				ISV certification			
Security	Lockable pref	TPM pref, Lockable pref	TPM, Secure Boot, Lockable, biometric pref							
Support SLA Bundle ³	3-year on-site, 4-hour response, NBD fix OS + Monitor + keyboard + mouse + Delivery + SLA									

	Note1	Note2	Note3	Note4	Note5	Note_Tab	Note_WS	Note_Rugged1	Note_Rugged2	
Profile	Chromebook / Netbook	Value laptop	Thin and light laptop	Midrange business laptop	Advanced business laptop	Convertible / 2-in-1 laptop	Mobile technical workstation	Semi-rugged laptop	Fully rugged laptop	
Platform	64-bit multi-core									
CPU ¹	AMD / ARM / Intel 2GHz	10g Cal/2g Athl (2C 4T)	11g i5/4g Ry5 (4C 8T)	11g i3/4g Ry3 (4C 8T)	11g i5/4g Ry5 (6C 12T)	11g i5/4g Ry5 (4C 8T)	11g i7/4g Ry7 (8C 16T)	8g i5/ 3g Ry5 (4C 8T)		
RAM (base/max)	4GB	8GB / 16GB DDR-4	8GB / 16GB DDR-4	16GB / 32GB DDR-4	8GB / 16GB DDR-4	16GB / 32GB DDR-4	16GB / 32GB DDR-4	8GB / 16GB DDR-4		
GPU	-	Integrated	Integrated	Discrete	Integrated	Integrated	Discrete Pro			
Local storage	120GB	240GB SSD	480GB NVMe			1TB NVMe	480GB SSD			
Display	13"+ LCD, 100+ ppi	13"+ LCD, 100+ ppi	12-14" LCD, 110+ ppi, anti-glare	14"+ LCD, 120+ ppi, anti-glare	14"+ LCD, 130+ ppi, anti-glare	11"+ multi-touch LCD, 110+ ppi				
Connectivity	WiFi 5, BT 4	WiFi 5, GigE, BT 5	WiFi 6, GigE, BT 5, WWAN upgr.				WiFi 5, GigE, BT 5			
Docking OS support ²	-	USB-C (USB 3 / ThunderBolt 4)					Pref USB C / TB4			
Standards	ChromeOS / Linux / Win		Energy Star, DASH				ISV cert	MIL-STD 810H		
Max weight ³	1.5kg	2.1kg	1.5kg	2.0kg	2.5kg	1.5kg	3.5kg	2.5kg	4kg	
Battery life ⁴	6 hours		8 hours			5 hours		7 hours	8 hours	
Security	Lock slot	TPM pref, Lock slot	TPM, Secure Boot, Lock slot, Biometric support							
Support SLA Bundle ⁵	3-year on-site, 4-hour response, NBD fix OS + Cable lock + Carry bag + Delivery + SLA									

phone with handset, UI and dual	Yes	Please see Datasheets Series) folder
related standards-based functionality	Yes	
and speaker must support optimal the required use case	Yes	
needed to support a complete certified OEM partner, fulfilling the requirement in the ad hoc RFP/RFQ. noted in the RFP/RFQ, solutions are specified here, including signal and services including installation, and support	Yes	
initially sized and configured to suit business requirement as defined in the Request/Proposal (RFQ/RFP)	Yes	All Mitel solutions are customised and built to meet the customers specific requirements
features, software, functionality and included in the total solution cost for	Yes	
included in solution price: countrywide (parts and labour for entire solution, cables and accessories) during office 4-hour acknowledgement and next business day (zone-dependent as per Conditions) on date of delivery. OEM partner included on-site services.	Yes	SLAs are covered by our channel partner network of certified providers. Product warranty is provided by Mitel
(Included in Solution Price)		
components that must be included in the price components are priced		
as specified in Section 1, including port SLA, standard power and installation, packaging and on-site	Yes	
tables as specified in Section 1 (up-front licence fee)	Yes	All licenses are evergreen and owned by the

Solution Focus

- ❖ Flexible scope: Depending on requirement, both **commodities** (“box-drop”) or **turnkey solutions** available
- ❖ For example:
 - Printer / Laptop / Headset
 - vs.
 - CCTV installation / UC system / Auditorium
- ❖ **Solution flow**: Business requirement → Proposal → Components → Services → Infrastructure → Final delivery



Baseline SITA specifications vs. Departmental requirements

- ❖ SITA's specification determines a broad range of brands and products that met a specific pre-defined set of requirements (Category/Item)
- ❖ SITA spec is **not sufficient** for all possible environments!
- ❖ More information is required from Department for RFQ process.
- ❖ In the RFQ the Department defines their specific requirements:
 - Compatibility (existing system?)
 - Environment: venue, communications requirements (e.g. UC)
 - Regional/geographic
 - Support & maintenance
 - Training
- ❖ Then do cost (TCO) evaluation

Deployment Guide – Requirements Checklists

- ❖ Helps to define specific business requirements
- ❖ Complete, then publish with your RFQ
- ❖ Download from www.sita.co.za/prod/cert.htm

SITA Requirements Checklist: Data/Video Projector

This checklist is to be used by Departments to document business requirements when publishing a request to industry for a **projection** solution. The checklist will help define the business requirements, enabling suppliers to provide informed solution designs and bid responses.

Business requirements

For example: "Projector for a training venue that seats 50 students." Or "Portable projector for day-to-day presentations – must fit in existing laptop bag." Or "High-end projector for large auditorium, mounted on ceiling. Full presentation audio included."

Functional requirements (tick with ✓ where applicable)

Portability:	Devices to connect:
Fixed/permanent installation (e.g. auditorium) <input type="checkbox"/>	PC / laptop <input type="checkbox"/> Smartphone/tablet <input type="checkbox"/>
Shared projector (carried between venues) <input type="checkbox"/>	Interactive whiteboard <input type="checkbox"/> USB flash drive <input type="checkbox"/>
Ultraportable (regular travel, small projector) <input type="checkbox"/>	Video switcher <input type="checkbox"/> Videoconference codec <input type="checkbox"/>
Type of information to be projected:	Venue lighting constraints:
Presentations <input type="checkbox"/>	Controlled lighting (no outside/ambient light interference) <input type="checkbox"/>
Documents (Word, PDF) <input type="checkbox"/>	High ambient light interference (e.g. school classroom) <input type="checkbox"/>
Training material <input type="checkbox"/>	Typical boardroom (bright ambient light) <input type="checkbox"/>
Images (photos, diagrams) <input type="checkbox"/>	Venue size/throw distance:
Video <input type="checkbox"/>	Large venue (e.g. auditorium, large training room) <input type="checkbox"/>
High-detail data (spreadsheets, reports, project plans, engineering diagrams) <input type="checkbox"/>	Typical meeting room/boardroom/classroom <input type="checkbox"/>
	Small venue with short throw distances <input type="checkbox"/>
Audio requirements:	Resolution & aspect ratio: (if technical info is available)
Presentation audio (occasional) <input type="checkbox"/>	XGA 1024x768 (4:3) <input type="checkbox"/> FullHD 1920x1080 (16:9) <input type="checkbox"/>
Amplification of presenter's voice <input type="checkbox"/>	WXGA 1280x800 (8:5) <input type="checkbox"/> WUXGA 1920x1200 (16:10) <input type="checkbox"/>
Full audio for video <input type="checkbox"/>	WXGA 1366x769 (16:9) <input type="checkbox"/> UHD 3840x2160 (16:9) <input type="checkbox"/>
Site inspection required? (for fixed installations) Yes <input type="checkbox"/> No <input type="checkbox"/>	

SITA Requirements Checklist: Video Surveillance Solution

This checklist is to be used by Departments to document business requirements when publishing a request to industry for a surveillance solution. The checklist helps to define the parameters and goals for the solution, enabling integrators to provide informed designs and suitable proposals.

Summary of video surveillance business requirement

High-level business need, including what must be protected/surveilled

Site/Project details Click boxes to tick with

Site / project name

Location of site: physical address (province, town, street, building, floor)

Site coordinates (latitude, longitude)

Primary contact person for project

Contact details (cellphone, e-mail)

Projected date for supplier site inspection

Describe access to site for service provider (business hours + after hours)

Is this a new installation or an upgrade of an existing system? Upgrade New

Integration required with existing system or devices? Specify if yes.

Existing CCTV equipment installed on site, if any

Number of Camera Checklists completed for site

Site size classification Small Medium Large

Detailed floor plans available? (must be included in RFP if yes – classified sites **excluded**) Yes No

Areas under surveillance Click boxes to tick with

List all areas that must be covered by CCTV cameras (number areas on floor plan)

Functionality required Click boxes to tick with

Indoor cameras Viewing/monitoring station(s)

Outdoor cameras Control centre

Perimeter security Video transmission to to central site (archive/back-up)

24-hour surveillance Remote viewing station/control room

Low-light/night surveillance Central control room

Technical requirements Click boxes to tick with

Backup power requirement – how long must

Video Surveillance Project Requirements Checklist v1.1 Page 1 of 2

High-level Procurement Process

- ❖ SITA publishes transversal bid for required solutions
- ❖ OEM accredits partners for supply
- ❖ Partners submit tender with OEM accreditation
- ❖ SITA accredits partners via bid process
- ❖ Government engages with accredited partners on contract via RFP/RFQ process
- ❖ Partners provide solutions, support and maintenance to Government

Service and Support

- ❖ Standard warranty and SLA clause (**mandatory**):
 - Warranty and support included in solution price: countrywide on-site with full coverage (parts and labour for entire solution, including upgrades and accessories) during office hours (7:30 - 17:00), with 4-hour acknowledgement and next business day resolution (Zone-dependent as per Definitions) for 3 years (36 months) from date of delivery.
- ❖ 3-year on-site with 4-hour response, NBD repair
- ❖ Service (1st- and 2nd-line, etc.) **only** applicable to the device or solution supplied (e.g. not Windows or application support)
 - Support and other services are available at additional cost (e.g. data transfer)
- ❖ Service delivery Zones:
 - Zone A: All provincial capitals + 50km radius **NBD repair**
 - Zone B: All major towns **2 days repair**
 - Zone C: Entire rest of country **3 days repair**
- ❖ Complementary to SITA LDS support services

TCP Databases Product & OEM



Technology Certification: OEM Database

Certified Product Database					IP	IPV6	JIN	IPV4
Cert #	Domain	Brand	Item	Product	Expire			
2723	AT	Tobi Dynavox	AS_AACDesign	Boardmaker 7	2023-08-31			
2557	AT	Neuroco	AS_STT	Dragon v15 Home / Professional / Pro Group / Medical Practice v	2024-02-08			
2724	AT	Tobi Dynavox	AT_EyeCase	PCEye 5	2023-09-02			
2101	AT	Widge	AT_Software	FireKeys 3	2022-07-01			
2446	AVCT	Philips	AT_Recorder	DVT1150	2024-12-14			
2447	AVCT	Philips	AT_Recorder	DVT1110 / DVT210	2024-12-14			
2448	AVCT	Philips	AT_Recorder	DVT4110	2024-12-14			
307	AVCT	Philips	MCU_Soft	MCU+HCU Soft	2026-07-05			
2069	AVCT	Samsung	Mon_PD1	QBR Series (QB43R / QB49R / QB55R / QB65R / QB75R)	2023-02-04			
1232	AVCT	Huawei	Phone_IP1	eSpace IP10	2022-12-31			
1233	AVCT	Huawei	Phone_IP1	eSpace 7990	2022-12-31			
291	AVCT	Mitel	Phone_IP2	6900 Series IP Phones (6910, 6920, 6930, 6940)	2032-04-03			
1235	AVCT	Huawei	Phone_Soft	eSpace Soft Client	2022-12-31			
2432	AVCT	Acer	Proj_Basic	X122T, X1327W, X152T	2023-10-29			
2433	AVCT	Acer	Proj_Basic	S1286WH, S1386WH	2023-10-29			
2518	AVCT	Epson	Proj_Basic	EB-FH62	2024-05-22			
1791	AVCT	Verifonic	Proj_Basic	PA503X	2023-12-31			
2434	AVCT	Acer	Proj_Mid	P1202BT, P1360WBTL, P1560BT	2023-12-04			
1165	AVCT	Epson	Proj_Upgrade	EB-1795/1770/1760	2023-03-31			
2470	AVCT	Philips	Rec_AutoSW	SpeechExec Dictate / SpeechExec Pro Dictate	2022-12-23			
2467	AVCT	Philips	Rec_Voice	DPA8110	2024-02-02			
2468	AVCT	Philips	Rec_Voice	DPA8900	2024-12-14			
2469	AVCT	Philips	Rec_Voice	DPA6500, DPA7200, DPA8200	2024-12-14			
1236	AVCT	Huawei	VC_Desktop	DPF03	2022-12-31			
2883	AVCT	Crestron	VC_Room1	Flex UC-MMX30-T / Z1	2025-05-16			
2840	AVCT	Crestron	VC_Room1	Flex UC-R30-T / UC-R30-T-Z	2027-05-16			
2941	AVCT	Crestron	VC_Room1	Flex UC-MMX30-T / UC-MMX30-T-Z	2027-05-16			
1241	AVCT	Huawei	VC_Room2	RP10020-A	2022-12-31			
2341	AVCT	Huawei	VC_Room1	IsaSub S / Pro series	2026-02-11			
2842	AVCT	Crestron	VC_Room2	Flex UC-MMX7-T / UC-MMX7-T	2027-05-16			
2961	AVCT	Crestron	VC_Room2	Flex UC-MMX7-T / UC-MMX7-T	2027-05-16			
1243	AVCT	Huawei	VC_Room2	RP10020-A	2022-12-31			
1244	AVCT	Huawei	VC_Room2	TE60	2022-12-31			
1245	AVCT	Huawei	VC_Room2	TE60	2022-12-31			
1246	AVCT	Huawei	VC_Room2	TE60	2022-12-31			
1247	AVCT	Huawei	VC_Room2	TE60	2022-12-31			
2843	AVCT	Crestron	VC_Room2	Flex UC-MMX7-T / UC-MMX7-T	2027-05-16			
1248	AVCT	Huawei	VC_Soft	TE Desktop/Mobile	2022-12-31			
1785	AVCT	CleverTouch	Whiteboard1	Plus series	2022-02-23			
1786	AVCT	CleverTouch	Whiteboard1	Pro series	2022-02-23			
2576	AVCT	CleverTouch	Whiteboard1	Impact series	2024-04-21			
2579	AVCT	CleverTouch	Whiteboard1	Impact Plus series	2024-04-21			
2580	AVCT	CleverTouch	Whiteboard1	LUX series	2024-04-21			
1169	AVCT	Epson	Whiteboard1	EB-695W/EB-695W/EB-680W	2023-03-31			
2342	AVCT	Huawei	Whiteboard1	IsaSub S / Pro series	2026-02-11			
2546	AVCT	Inspireware	Whiteboard1	Inspire Touch LED Series	2024-02-25			

TCP website: Product & OEM Databases

Latest TCP information @
bottom of TCP page:

- ❖ Certified products database (PDF & Excel versions)
- ❖ OEM/brand database
- ❖ Download on-demand

The screenshot shows the footer of the TCP website. It features a dark blue background with white text. The footer is organized into several columns and sections:

- Deployment Guide SAC** (with a red triangle icon)
- Requirements Checklist: Surveillance Solution** (with a PDF icon)
- Requirements Checklist: Surveillance Camera** (with a PDF icon)
- Requirements Checklist: Access Control Solution** (with a PDF icon)
- Project Sign-Off Checklist: SAC** (with a PDF icon)
- Draft/Request for Comment (RFC)** (in a blue bar)
- Certified Product Database and OEMs** (in a blue bar, circled in red)
- Certified Product Database (PDF)** (with a red triangle icon)
- Certified Product Database (Excel)** (with an Excel icon)
- OEM Database (brands)** (with a red triangle icon)
- Quick Links** (with a menu icon):
 - Careers
 - Whistle Blowing
- Photo Gallery**
- Help Desk**
- Tenders Quick Links**:
 - Tenders
 - Request for Quotations
- Quick Contacts**:
 - Castle Walk Shopping Centre (with a map icon)

www.sita.co.za/prodcert.htm

Conclusion

- ❖ Specifications define a **complete solution**, including accessories and SLA
- ❖ Suppliers are bound by contract conditions and technical specs, including **product certification**
 - *Ignorantia iuris non excusat*
 - ❖ OEMs are bound by MOA and technical specs
 - Accountable for brand issues and supplier non-performance
 - ❖ Contract users must check what is delivered!
 - ❖ Specifications and product database available at www.sita.co.za/prodcert.htm
 - ❖ Contact TAS for further info and assistance

