Capability Acceptance Process

Acceptable Capability List*

Version: 7.0

October 2025

*This list is a living document and subject to change. For more information, please contact your CAP Representative or email us at CAP@tsa.dhs.gov.

File: 5000.5

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1. Introduction

1.1. Document Purpose

The Acceptable Capability List (ACL) serves as the Transportation Security Administration's (TSA's) official list of Capabilities[1] or Transportation Security Equipment (TSE) that TSA can accept from Donors with the intent of donating to TSA to be used within operations.

The ACL is a living document that includes all Capabilities currently able to be donated to TSA based on the approval of applicable phases of the Department of Homeland Security (DHS) Acquisition Lifecycle Framework. [2]

1.2. Document Format

This document is arranged by checkpoint TSE, general checkpoint Furniture, Fixtures and Equipment (FF&E), and checked baggage TSE. Furniture, Fixtures and Equipment is also listed per TSE as applicable. Each TSE has FF&E and/or other TSE that is required to be provided with the donated TSE to ensure successful operations. In addition, TSA may require additional associated FF&E, on a case-by-case basis, to improve the efficiency of checkpoint or checked baggage operations. TSA reserves the right to require additional FF&E that is not listed within this document.

1.3. General Donor Guidelines

In support of donations, TSA will authorize the release of the latest TSA algorithm (which is Sensitive Security Information (SSI)) resident on the TSE listed herein exclusively for Donors to donate new equipment to TSA for TSA operational use. This authorization is provided through a Release Letter to the Original Equipment Manufacturer (OEM) once the donation is approved by TSA. OEMs may not install TSE with TSA's software in any location prior to the receipt of this authorization.

All fiduciary risk will be assumed by the Donor for purchases made in advance of the OEM Release letter. The OEM is required to ensure the appropriate handling, storage, and protection requirements and limitations on SSI dissemination during the sale and transfer of equipment to the Donor.

TSA encourages checkpoint and checked baggage TSE be aligned with existing TSE make and models already deployed to that airport. Additional guidelines for specific TSE or other capabilities are listed below.

[1] Any type of technology, property, or equipment such as TSE, emerging technology, or Furniture, Fixtures, and Equipment. Within this document, Capabilities and Transportation Security Equipment are considered synonymous. For the purpose of this document, the TSE list on the ACL is defined as "Acceptable Capability".

[2] Additional information regarding the DHS Acquisition Lifecycle Framework is provided within the DHS Acquisition Directive 102-01-001.

1.4. Disclaimer

TSA reserves the right to add or remove any Capability from the ACL.

1.5. Configuration

The Device Number and Software Version indicate the only configurations that TSA will accept as a donation for use in TSA operations. The Donor shall ensure that the configuration of any donated Capability is in accordance with the configuration listed in the ACL. As there may be a delay between the time a Donor procures a Capability and when it is installed, the Donor is responsible to ensure the latest TSA-approved and certified configuration is installed.

Any changes to the configuration (to include changes to parts, color, exterior of the TSE, TSA branding, etc.) must be approved by a TSA Acquisition Program Management representative prior to delivery and/or installation. The applicable form of acceptance testing may not be deemed acceptable if changes to parts, colors, or exterior of the TSE are approved. Additional testing may be required for any changes to the configuration. The Donor will be responsible for ensuring that the TSE can be and is returned to TSA's standard configuration prior to the TSE being moved.

1.6. Manufacturer Contact Information

Company	Address	Point of Contact	Phone Number	Email Address
Analogic Corporation	8 Centennial Drive Peabody, MA 01960	Chris Steinmann	1-832-352-6390	csteinmann@analogic.com
CEIA USA	6336 Hudson Crossing Parkway, Hudson, OH 44236	Hasbrouck Miller	330-283-1277	Bmiller@ceia-usa.com
Daifuku	30100 Cabot Drive, Novi, MI 48377	Melvin Fernandez	850-822-0459	mfernandez2@daifukuna.com
DESKO GmbH	Gottlieb-Keim-Str. 56 95448 Bayreuth Germany	Jesus Garcia	630-464-8560	Jesus.Garcia@desko.de
Idemia Identity and Security N.A.	296 Concord Road Billerica, MA 01821	Paul McDermott	201-951-6050	Paul.McDermott@us.idemia.com

SureScan Corporation	85 Swanson Rd Suite 110, Boxborough, MA 01719 (Engineering and Services Office) 100 Eldredge Street, Binghamton, NY 13901	Eric DiMare	617-957-1694	edimare@surescaneds.com
Leidos Security Detection & Automation	1 Radcliff Road, Tewksbury, MA 01876	Sissy Presnell Hessenius	813-470-9348 202-993-1229	Sissy.Pressnell@leidos.com
Rohde & Schwarz USA, Inc.	6821 Benjamin Franklin Drive Columbia, MD 21046	Dave Pekarek	1-410-910-7800 1-214-632-7248	Dave.Pekarek@rsa.rohde-schwarz.com
Smiths Detection Inc.	2202 Lakeside Blvd Edgewood, MD 21040	Joseph Kennedy/ Mattias Springer	443-253-6642/ 667-441-9224	Joe.Kennedy@smithsdetection.com Matthias.springer@smithsdetection.com

1.7. Document Updates

Page	Section	Update	Date
4, 5, 8, 9, 12, 13, 14, 16	1.6, 1.7, 2.1.2, 2.3.2, 2.3.3, 2.3.4, 2.5.2, 2.6.1, 2.6.2, 2.7.1, 2.7.2, 2.7.3, 2.9.2	Automated Screening Lane Software Version updated; Added Credential Authentication Technology system; Additional technology description and guidelines included for various Checkpoint Transportation Security Equipment	April 2020
4, 9 -10	1.6, 2.3.3, 2.3.4,	Updated company name and contact information throughout document; Updated ASL software version; Added Anti-Microbial Bins and ASL Training Simulators	August 2020
1, 10, 11,	1.6, 10.4, 1.6	Updated contacts, phone numbers and addresses; Changed Technology Nomenclature; Updated VI Bins; Added VI Covid Protective Shielding Kit	December 2020
10	2.3.4	Added VI Anti-Microbial Bins	April 2021
15,16, 8	2.6, 2.2	Added Analogic Mid-size CPSS; Deleted Advanced Technology (AT) X-ray	September 2021
4, 10-12,	1.6, 2.5, 2.5.2 2.4.3, 2.4.4	Updated POC information; Added CPSS Base and Full-Size systems with FF&E; Updated Site Acceptance Testing (SAT) information; Deleted ASL equipment; Deleted section 10 (Other Capabilities)	March 2022

6, 7	2.1.3, 2.1.4,	Added Rohde and Schwarz AIT and FF&E; Updated CPSS CT equipment and FF&E; Removed ASL exclusive vendors; Added additional FF&E for screening operations	May 2022
4, 12, 14	1.6, 2.4.3, 2.4.4	Added Smiths and Daifuku Mid-size CPSS Systems, Smiths Full-size system, software and related CPSS FF&E; Updated contacts for Leidos, Smiths, and Daifuku; Updated software version for Leidos AIT; Deleted ASL	November 2022
13, 14	2.4.3, 2.4.4	Added Daifuku Full-size; Smiths Base-size and IDSS Mid-size CPSS Systems	January 2023
4, 6, 11	2.1.3, 2.4.2, 2.4.3, 2.4.4, 2.5.2, 2.5.3	Updated Contact list; Updated Leidos AIT Software; Added IDSS Full Size; removed CAT I; Added CAT 2 Upgrade Kit; Added requirement for bins and peripheral equipment to the Donor-procured CPSS warrantee	August 2023
4, 6, 19	1.6, 1.1.3, 2.1.3, 2.6.4	Updated Smiths Contact information; Added section for OEM sales; Updated Rohde & Schwarz AIT Software; Algorithms and physical cyber security enhancements; Updated CEIA OTK, removed Smiths ETD; replaced CAT Upgrade Kit with CAT 2; added additional ETD for Daifuku system and AITs	April 2024
4, 15,21, 24	1.6, 2.4.4, 2.5.3, 3	Updated contact list. Added Dual PVS to Analogic CPSS, changed "None at this time" to No under guidelines for donors, systems authorized for two PVS at each CPSS units will require iSAT, updated Idemia, updated Integrated Defense and Security Solutions (IDSS) to Surescan, updated FF&E vendors for CAT-2	February 2025
4, 8, 12, 13, 14, 22	1.6, 2.1.3, 2.6.4	Updated contact list. Updated R&S software, added Remote Cross Lane Screening to Analogic and Daifuku CPSS, added STIP adapter to EMD	October 2025

2. Checkpoint Transportation Security Equipment

2.1. Advanced Imaging Technology

2.1.1. Technology Description

Advanced Imaging Technology (AIT) detects metallic and nonmetallic anomalies concealed on passengers as they enter the screening checkpoint. AIT systems are used to screen passengers safely for weapons, explosives, and other objects concealed under layers of clothing, without physical contact, thus reducing the need for pat-down searches.

2.1.2. Guidelines for Donors

Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT) will be required for an AIT. An Explosives Trace Detector (ETD) system must be co-located with the AIT. Therefore, the Donor is required to coordinate with TSA regarding whether an ETD is available to be relocated with the donated AIT. If a TSA provided ETD is not available for the donated AIT, an ETD would need to be donated as well. Please see Paragraph 2.7 for technology and FF&E required for an ETD.

2.1.3. Technology

The following is the list of technology that TSA can accept as a Capability.

Vendor	Device Make & Model		Date Added to ACL
Leidos Security Detection & Automation	ProVision 2		September 2019

Vendor	Device Make & Model		Date Added to ACL
Rohde & Schwarz	QPS201		May 2022

2.1.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
Leidos Security Detection & Automation	ProVision 2	Operational Test Kit	L3 Security & Detection Systems, Inc.	N/A	Operational Test Kit

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
Rohde & Schwarz	QPS201	Operational Test Kit	Rohde & Schwarz	N/A	Operational Test Kit

The following is FF&E that TSA requires for efficient operations.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
Leidos and Rohde & Schwarz	ProVision 2/ QPS 201	Stanchions	Lavi Industries	STANCHION-50-3000DL/WB/BK	Between 4 and 8 stanchions to properly queue passengers and hold for additional screening
Leidos and Rohde & Schwarz	ProVision 2/ QPS 201	Anti-Fatigue Mats	Jahanda Group	TBD on size	Sufficient coverage for areas where TSOs operate
Leidos and Rohde & Schwarz	ProVision 2/ QPS 201	Gates and Barriers	Visontron	TBD	Base on approved TSA design
Leidos and Rohde & Schwarz	ProVision 2/ QPS 201	ETD	Leidos	QS B220	1 per AIT
Leidos and Rohde & Schwarz	ProVision 2/ QPS 201	ETD Cart	Spill911	Pucel 23" X 24" Utility Table	1 per AIT

Rohde & Schwarz	QPS 201	Sign Holder			Free standing sign holder. 1 per AIT

2.2. Boarding Pass Scanners

2.2.1. Technology Description

A Boarding Pass Scanner is a device employed to read a passenger's boarding pass and display the passenger's name, flight information, and risk status to the Travel Document Checker (TDC). With this information, the TDC is able to determine if a passenger should be admitted to, and routed through, the checkpoint to receive the appropriate level of security screening.

2.2.2. Guidelines for Donors

None

2.2.3. Technology

The following is the list of technology that TSA can accept as a Capability.

Vendor	Device Make & Model	Software Version	Date Added to ACL
DESKO GmbH	PENTA Scanner BPV2.0	Latest TSA-approved software version	September 2019

2.2.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
DESKO GmbH	PENTA Scanner BPV2.0	Rechargeable Battery	DESKO GmbH	3001659	Rechargeable Battery
DESKO GmbH	PENTA Scanner BPV2.0	Battery Charger	DESKO GmbH	3001878	Battery Charger

DESKO GmbH	PENTA Scanner BPV2.0	Stanchion Mounting Bracket	DESKO GmbH	3001879	Stanchion Mounting Bracket

The following is FF&E that TSA requires for efficient operations.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
DESKO GmbH	PENTA Scanner BPV2.0	Anti-Fatigue Mats	Carolina Industrial	Item number varies based on length and width required	Sufficient coverage for areas where TSOs operate
DESKO GmbH	PENTA Scanner BPV2.0	Stanchion	Lavi Industries	Beltrac Post with 7' single or double belt	For mounting

2.3. Bottled Liquid Scanners

2.3.1. Technology Description

The Bottled Liquid Scanner (BLS) is used to differentiate explosive or flammable liquids from common, benign liquids carried by passengers. BLS units analyze substances within a container, measuring particular characteristics of a container's contents. The device can analyze substances within a container in seconds without having to open the container and can also be used to screen medically exempt liquids.

2.3.2. Guidelines for Donors

FAT and SAT will be required for a BLS. An ETD is required to be deployed with a BLS. Therefore, the Donor is required to coordinate with TSA on whether an ETD is available to be deployed with the donated BLS. If the Donor intends to donate an ETD as well, please see Paragraph 2.7 for technology and FF&E required for an ETD.

2.3.3. Technology

The following is the list of technology that TSA can accept as a Capability.

Vendor	Device Make & Model	Software Version	Date Added to ACL
CEIA USA	EMA-MS		September 2019

2.3.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
CEIA USA	EMA-MS	Test reference bottle	CEIA USA	Part# 45863	Test reference bottle
CEIA USA	EMA-MS	Test reference bottle	CEIA USA	Part# 47967	Test reference bottle

2.4. Checkpoint Property Screening System (CPSS)

2.4.1. Technology Description

TSA established the CPSS Program to test and qualify computed tomography (CT) systems for screening passenger accessible property at airport security checkpoints nationwide. TSA permits the donation of three CT configurations:

- CPSS Base - A CT scanner equipped with gravity rollers, manual diverter, Primary Viewing Station (PVS), Alternate Viewing System (AVS), and version [redacted] threat detection algorithm. Base systems may be used to screen oversized items.
- CPSS Mid-size - A CT scanner equipment with power and/or gravity rollers, ingress/egress conveyors, operator-initiated item divert capabilities, PVS, AVS, and version [redacted] threat detection algorithm.
- CPSS Full-size - A CT scanner equipped with automated ingress/egress conveyors, operator initiated auto divert capabilities, automated conveyance system with parallel divestiture and re-composure, automated bin return, high threat containment box, PVS, AVS(s), and version [redacted] threat detection algorithm.

2.4.2. Guidelines for Donors

Acceptance Testing (e.g., Factory Acceptance Testing (FAT), Site Acceptance Testing (SAT), and Integrated System Acceptance Testing (iSAT) when applicable) will be required for all CPSS configurations. Systems authorized for two Primary Viewing Stations (PVS) at each CPSS unit will require iSATs.

Remote Cross Lane Screening (RCLS) capability will require the installation of network servers, switches, and remote screening monitors as well as the build out of a CPSS Resolution Room. Please refer to the Checkpoint Requirements and Planning Guidelines

(CRPG) for addition information. A successful Network Throughput Testing (NTT) and TSA IT Assessment must be attained prior to TSA operation.

As in the case of other checkpoint technologies, TSA's CPSS deployment strategy intends to maintain consistency of system make and models of CPSS devices in checkpoints whenever possible to support efficient screening operations and reduce costs. TSA may request that Donors be responsible for relocating TSA deployed passenger carry-on screening technology to support this strategy.

With each CPSS unit, Donors must provide an adequate number of bins for operational efficiency throughout the Donor warranty period. As determined by CPSS, the quality and quantity of bins for each system will be identified in Paragraph 2.4.4. Warranty and maintenance for the CPSS shall include bins, bin carts, and all CPSS peripheral equipment to meet TSA's logistic support service level requirements.

For CPSS units with more than one Alternate Viewing Station (AVS) an additional ETD is required.

Changes to the CPSS configuration of conveyor modules may not vary from the approved qualified system unless prior approval is received from TSA. Configuration modifications may require the Donor to support additional security detection and operational tests.

2.4.3. Technology

The following is the list of technology that TSA can accept as a Capability.

Vendor	Device Make & Model	Configuration	Date Added to ACL
Analogic Corporation	Analogic ConneCT	Base	March 2022
Analogic Corporation	Analogic ConneCT	Mid-size*	September 2021
Analogic Corporation	Analogic ConneCT	Full-size*	March 2022

***Authorized for Remote and Cross Lane Screening capability. At a minimum you will require a matrix server.**

Vendor	Device Make & Model	Configuration	Date Added to ACL
SureScan Corporation	DETECT 1000	Mid-size	January 2023

SureScan Corporation	DETECT 1000	Full-size	August 2023

Vendor	Device Make & Model	Configuration	Date Added to ACL
Daifuku	CPSS – CTiX System	Mid-size*	October 2022
Daifuku	CPSS – CTiX System	Full-size*	January 2023

***Authorized for Remote and Cross Lane Screening capability. At a minimum you will require a matrix server.**

Vendor	Device Make & Model	Configuration	Date Added to ACL
Smiths Detection	Smiths HI-SCAN 6040 CTiX	Base	January 2023
Smiths Detection	Smiths HI-SCAN 6040 CTiX	Mid-size	October 2022
Smiths Detection	Smiths HI-SCAN 6040 CTiX	Full-size	October 2022

2.4.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

Analogic CPSS Base-size

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Analogic Corp.	Analogic ConneCT	Viewing Stations (Primary)	Analogic Corp.	10-79026-01	Includes computer and associated components	1 per system

Analogic Corp.	Analogic ConneCT	Viewing Station (Alternate)	Analogic Corp.	10-79026-01	Includes computer and associated components	1 per system
Analogic Corp.	Analogic ConneCT	Bins (Antimicrobial)	Analogic Corp.	103-127378-03 Spare part: 103-12737803S	No RFID tags are used on the bins for CPSS in the Base configuration	140 per system
Analogic Corp.	Analogic ConneCT	Training Simulator	Analogic Corp.	106-121486-01	Includes computer, monitor, monitor, stand, power strip and software	1 per system
Analogic Corp.	Analogic ConneCT	Operational Test Kit	Analogic Corp.	10-78795-01	Image Quality (OTK)	1 per every 2 systems

Analogic CPSS Mid-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Analogic Corp.	Analogic ConneCT	Viewing Stations (Primary)	Analogic Corp.	10-79026-01	Includes computer and associated components	1 per system (2 per system allowed for Dual PVS)
Analogic Corp.	Analogic ConneCT	Viewing Station (Alternate)	Analogic Corp.	10-79026-01	Includes computer and associated components	1 per system
Analogic Corp.	Analogic ConneCT	Bins (Antimicrobial)	Analogic Corp.	103-127378-03	2 RFID tags per bin	140 per system
Analogic Corp.	Analogic ConneCT	Training Simulator	Analogic Corp.	106-121486-01	Includes computer, monitor, monitor stand, power strip and software	1 per system
Analogic Corp.	Analogic ConneCT	Operational Test Kit	Analogic Corp.	10-78795-01	Image Quality (OTK)	1 per every 2 systems

Analogic CPSS Full-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Analogic Corp.	Analogic ConneCT	Viewing Stations (Primary)	Analogic Corp.	10-79026-01	Includes computer and associated components	1 per system (2 per system allowed for Dual PVS)
Analogic Corp.	Analogic ConneCT	Viewing Station (Alternate)	Analogic Corp.	10-79026-01	Includes computer and associated components	1 per system
Analogic Corp.	Analogic ConneCT	Bins (Antimicrobial)	Analogic Corp.	N/A	2 RFID tags per bin	140 per system
Analogic Corp.	Analogic ConneCT	Training Simulator	Analogic Corp.	N/A	Includes computer, monitor, monitor stand, power strip and software	1 per system
Analogic Corp.	Analogic ConneCT	Operational Test Kit	Analogic Corp.	10-78795-01	Image Quality	1 per every 2 systems

SureScan CPSS Mid-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
SureScan Corporation	CPSS Mid-size	Viewing Stations (Primary)	SureScan Corporation	001-0024-01	Computer and associated components	1 per system
SureScan Corporation	CPSS Mid-size	Viewing Stations (Alternate)	SureScan Corporation	1000P400129	Computer and associated components	1 per system
SureScan Corporation	CPSS Mid-size	Bins	SureScan Corporation	12043-SLT	2 RFID Tags per bin	140 per system

SureScan Corporation	CPSS Mid-size	Training Simulator	SureScan Corporation	1000P400500	Computer and associated components	1 per system
SureScan Corporation	CPSS Mid-size	Operational Test Kit	SureScan Corporation	1000A12001		1 per system

SureScan CPSS Full-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
SureScan Corporation	CPSS Full-Size	Viewing Stations (Primary)	SureScan Corporation	001-0024-01	Computer and associated components	1 per system
Vendor	**Device Make & Model**	**Item**	**Peripheral Equipment Vendor**	**Item Number**	**Description**	**Quantity**
SureScan Corporation	CPSS Full-Size	Viewing Stations (Alternate)	SureScan Corporation	1000P400129	Computer and associated components	1 per system
SureScan Corporation	CPSS Full-Size	Bins	SureScan Corporation /Leidos	12043-SLT	2 RFID Tags per bin	140 per system
SureScan Corporation	CPSS Full-Size	Training Simulator	SureScan Corporation	1000P400500	Computer and associated components	1 per system
SureScan Corporation	CPSS Full-Size	Operational Test Kit	SureScan Corporation	1000A12001		1 per system

Daifuku CPSS Mid-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Daifuku	CPSS Mid-size	Viewing Stations (Primary)	Daifuku	34494973	Workstation 3D MSC	1 per system
Daifuku	CPSS Mid-size	Viewing Stations (Alternate)	Daifuku	34485119	Recheck station computer	1 per system

Daifuku	CPSS Mid-size	Bins	Daifuku	SSL01_XA001_NH-A	Daifuku Security Tray	140 per system
Daifuku	CPSS Mid-size	Training Simulator	Daifuku	34494946	Simulator PC	1 per system
Daifuku	CPSS Mid-size	Operational Test Kit	Daifuku	34433595	Image Quality (OTK)	1 per every 2 systems
Leidos Security Solutions	CPSS Mid-size	ETD	Leidos Security Solutions	QS B220		1 per system

Daifuku CPSS Full-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Daifuku	CPSS Full-size	Viewing Stations (Primary)	Daifuku	34494973	Workstation 3D MSC	1 per system
Daifuku	CPSS Full-size	Viewing Stations (Alternate)	Daifuku e	34485119	Recheck station computers	2 per system
Daifuku	CPSS Full-size	Bins	Daifuku	SSL01_XA001_NH-A	Daifuku Security Tray	140 per system
Daifuku	CPSS Full-size	Training Simulator	Daifuku	34494946	Simulator PC	1 per system
Daifuku	CPSS Full-size	Operational Test Kit	Daifuku	34433595	Image Quality (OTK)	1 per every 2 systems
Leidos Security Solutions	CPSS Full-size	ETD	Leidos Security Solutions	QS B220	ETD for secondary screening	1 per system

Smiths Detection CPSS Base:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Smiths Detection	Smiths CTiX	Viewing Stations (Primary)	Smiths Detection	34494973	Workstation 3D MSC	1 per system
Smiths Detection	Smiths CTiX	Viewing Stations (Alternate)	Smiths Detection	34485119	Recheck station computers	1 per system
Smiths Detection	Smiths CTiX	Bins	Smiths Detection	34505744	SD2 Tray with RFID tag	140 per system
Smiths Detection	Smiths CTiX	Training Simulator	Smiths Detection	34494946	Simulator PC	1 per system
Smiths Detection	Smiths CTiX	Operational Test Kit	Smiths Detection	34433595	Image Quality (OTK)	1 per every 2 systems

Smiths Detection CPSS Mid-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Smiths Detection	Smiths CTiX	Viewing Stations (Primary)	Smiths Detection	34494973	Workstation 3D MSC	1 per system
Smiths Detection	Smiths CTiX	Viewing Stations (Alternate)	Smiths Detection	34485119	Recheck station computer	1 per system
Smiths Detection	Smiths CTiX	Bins	Smiths Detection	34505744	SD2 Tray with RFID tag	140 per system
Smiths Detection	Smiths CTiX	Training Simulator	Smiths Detection	34494946	Simulator PC	1 per system
Smiths Detection	Smiths CTiX	Operational Test Kit	Smiths Detection	34433595	Image Quality (OTK)	1 per every 2 systems

Smiths Detection CPSS Full-size:

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description	Quantity
Smiths Detection	Smiths CTiX	Viewing Stations (Primary)	Smiths Detection	34494973	Workstation 3D MSC	1 per system
Smiths Detection	Smiths CTiX	Viewing Stations (Alternate)	Smiths Detection	34485119	Recheck station computer	1 per system
Smiths Detection	Smiths CTiX	Bins	Smiths Detection	34495373	SD3 Tray w/ RFID tag	140 per system
Smiths Detection	Smiths CTiX	Training Simulator	Smiths Detection	34494946	Simulator PC	1 per system
Smiths Detection	Smiths CTiX	Operational Test Kit	Smiths Detection	34433595	Image Quality (OTK)	1 per every 2 systems

The following is FF&E that TSA requires for efficient operations.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
All CPSS vendors	All Makes and Models	Anti-Fatigue Mats	Jahanda Group	Item number varies based on length and width required	Sufficient coverage for areas where TSOs operate
All CPSS vendors	All Make and Model	X-ray Chair	Nobel Sales or Neutral Posture		1 chair per CPSS system (2 required for Dual PVS)
All CPSS vendors	Base Size Unit	Steel Table	Aldevra or Federal Prison Industries		Quantity varies based on length required

2.5. Credential Authentication Technology

2.5.1. Technology Description

The Credential Authentication Technology (CAT) system provides a primary means for authentication of passenger travel documents/identification (ID) that are presented to Ticket Document Checkers (TDC) by passengers before entering the passenger screening checkpoint, and for verifying the Secure Flight pre-screening status for the passenger. CAT

satisfies the mission need to verify passenger IDs effectively and rapidly, and to detect IDs that are fraudulent, expired, and/or show evidence of tampering. Additionally, CAT verifies a passenger's Secure Flight (SF) screening status and validates a passenger's flight reservation status in near-real time and informs the TDC of the results to ensure that only verified passengers proceed into the appropriate screening lane based on passenger's SF screening status. The enhanced CAT system (CAT-2) available for donation adds to the system capabilities by providing the following capabilities: 1:1 facial identity verification, digital ID authentication, and self-service system configuration that allows the passengers to scan their own IDs.

2.5.2. Guidelines for Donors

The CAT-2 systems have been added to the ACL in lieu of previous CAT-1 systems and CAT-2 upgrade kits for CAT-1 systems.

FAT and SAT will be required for a CAT-2 systems. In addition, TSA may require the Donor to buy units including help desk and software support. Not every Donor will be required to provide this support, as it will be dependent on the quantity and timeframe that the CATs are deployed.

CAT requires a local 110-volt power source with grounding plug and connection to an active data port for operation. The Donor will need to confirm there are functional ports with network continuity.

2.5.3. Technology

The following is the list of technology that TSA can accept as a Capability.

Vendor	Device Make & Model		Date Added to ACL
Idemia Identity and Security N.A.	CAT-2		April 2024

The following is FF&E that TSA requires for efficient operations.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
Idemia Identity and Security N.A.	CAT-2	Anti-Fatigue Mats	Jahanda Group	Item number varies based on length and width required	1 per CAT unit

Idemia Identity and Security N.A.	CAT-2	X-ray Chair	Nobel Sales or Neutral Posture		1 per CAT unit

2.6. Enhanced Metal Detectors

2.6.1. Technology Description

Also referred to as Walk-Through Metal Detectors, Enhanced Metal Detectors (EMDs) serve as a primary screening device of airline passengers for prohibited metallic objects at fixed checkpoints at the nation's airports.

2.6.2. Guidelines for Donors

FAT and SAT will be required for an EMD. EMDs are co-located with AIT in standard lanes and are the primary passenger screening capability used in TSA PreCheck® lanes. Therefore, the Donor is required to coordinate with TSA regarding whether an AIT is available to be deployed with the donated EMD. If the Donor intends to donate an AIT as well, please see Paragraph 2.1 for technology and FF&E required for an AIT.

2.6.3. Technology

The following is the list of technology that TSA can accept as a Capability.

Vendor	Device Make & Model		Date Added to ACL
CEIA USA	02PN20/EZ		September 2020
CEIA USA	Standard Lane		September 2020
CEIA USA	Pre-Check Lane		September 2020

2.6.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
CEIA USA	02PN20-EZ	Base Plate	CEIA USA	64355	Stabilizing Plate
CEIA USA	105156U	Operational Test Kit	CEIA USA	105156U	Operational Test Kit

CEIA USA	N/A	EMD STIP Adaptor EZ	CEIA USA	APSIN-STIP/E	Network Adaptor
CEIA USA	N/A	EMD STIP Adaptor PZ	CEIA USA	APSIM-STIP/P	Network Adaptor

The following is FF&E that TSA requires for efficient operations.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
CEIA USA	All Makes and Model	Anti-Fatigue Mats	Jahanda Group	Item number varies based on length and width required	1 per unit

2.7. Explosives Trace Detectors

2.7.1. Technology Description

Explosive Trace Detectors (ETDs) are highly sensitive devices developed to detect various types of commercial and military explosives. ETD technology detects explosive compounds on airline passengers, their accessible property, and checked baggage. ETDs identify explosives by detecting the chemical attributes of microscopic residues of an explosive compound. ETD technology is highly sensitive, thereby enabling fast and accurate screening for trace explosive quantities on a variety of surfaces. Simple operation of these machines further enhances their effectiveness. They are designed to be used as standalone systems or in conjunction with other technologies, such as the CPSS and AIT, to provide a comprehensive program to screen for explosives. Currently, TSA uses ETDs as the primary screening method at very small airports, and for alarm resolution at larger airports.

2.7.2. Guidelines for Donors

FAT and SAT will be required for all ETD units.

2.7.3. Technology

Vendor	Device Make & Model		Date Added to ACL
Leidos Security Detection & Automation	QS B220		September 2019

2.7.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the TSE to be operational.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
Leidos Security Detection & Automation	QS B220	Optional Wand	L3 Security & Detection Systems, Inc.		Optional Wand for QS B220
Leidos Security Detection & Automation	QS B220	Sample Swabs	DSA Detection	ST1269	Sample Swab (100 count)
			Microsilver, Inc.	SWB/220	Sample Swab
Leidos Security Detection & Automation	QS B220	Verific Pen	DSA Detection	BSB1035	Verification Sample B (Positive)
Leidos Security Detection & Automation	QS B220	Calibrant	ETD Direct	IS1272-25	Calibration Trap
			DSA Detection	CT1272	Calibration Trap (25 count)

The following is FF&E that TSA may require for efficient operations.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
Leidos		ETD/BLS Cabinet	Federal Prison Industries		Lockable cabinet that fits both the ETD and the BLS
Leidos		ETD Search Table	Federal Prison Industries		Stainless Steel Search Table that conforms around the AVS and has storage for consumables
Leidos		Anti-Fatigue Mats	Jahanda Group		Sufficient coverage in areas where TSOs operate

3. General Checkpoint FF&E

The following is FF&E that TSA may require for efficient operations. It is the responsibility of the Donor to provide needed FF&E to support the donated equipment.

Vendor	Device Make & Model	Item	Peripheral Equipment Vendor	Item Number	Description
General Checkpoint		Stanchions	Lavi Industries		Stanchions required for separating TSA Pre✓® and Standard passengers in the queue and at screening technology as required
General Checkpoint		Hard Panels	Lavi Industries or Visiontron		Hard panels that attach to the stanchions mentioned above for Pax separation and instructions
General Checkpoint		ReComposure Benches	The Park Facilities or Furniture Leisure		Benches for sterile side passenger area used for recomposure
General Checkpoint		TDC Podiums	Amplivox		Podiums used by the TSOs at the TDC position for checking passenger travel documents
General Checkpoint		Chairs	Noble		Chairs for TSO operations at the TDC and X-ray/CT scanners
General Checkpoint		Supervisor Podiums	iBuyOfficeSupply		Podiums at the back of the checkpoint with locking cabinets, power and data for Supervisors on the checkpoint
General Checkpoint		Barriers	Visiontron or Lavi Industries		Hard barriers to be placed between TSE at the sterile/non-sterile line
General Checkpoint		ADA Gates	Visiontron or Lavi Industries		ADA Gates to be placed in line with the hard barriers above
General Checkpoint		Lights & Loupes			Lights and loupes required for travel document checking at the TDC position
General Checkpoint		Anti-Fatigue Mats	Jahanda Group or Nobel Sales		Sufficient coverage in areas of TSO operations

4. Checked Baggage Transportation Security Equipment

4.1. Explosives Detection Systems

4.1.1. Technology Description

TSA uses Explosive Detection Systems (EDS) as the primary checked baggage screening method to achieve its 100% screening mandate. EDS equipment can exist in two configurations:

- Standalone systems typically are found in lobby screening for small airports, or in larger airports with terminals that have low baggage volumes.
- In-line configurations integrate the EDS equipment into the baggage handling system that is customized for each airport. In-line configurations integrate the EDS equipment into the baggage handling system to form the Checked Baggage Inspection System (CBIS). The CBIS are designed in accordance with TSA's Planning Guidelines and Design Standards (PGDS) to maximize efficiency, throughput, and minimize lifting of bags by TSOs. In-line designs must be submitted for TSA review in accordance with PGDS design phase submittal requirements. FF&E is not specifically listed for in-line configurations as all infrastructure and FF&E requirements are outlined in the PGDS and typically owned and maintained by the airport/project sponsor.

4.1.2. Guidelines for Donors

FAT and SAT will be required for all EDS units. iSAT will also be required for a CBIS configuration.

4.1.3. Technology

Vendor	Device Make & Model	Software Version	Date Added to ACL
Leidos Security Detection & Automation	3DX6700 and 3DX6700-ES	Most recent qualified configuration	September 2019
Smiths Detection Inc.	9800 SEIO SC	Most recent qualified configuration	September 2019
Smiths Detection Inc.	CTX-5800	Most recent qualified configuration	September 2019
Reveal / Leidos	CT-80DR+ and CT80DR	Most recent qualified configuration	September 2019

The following is the peripheral equipment that is required for the TSE to be operational.

Vendor	Item
Leidos Security Detection & Automation	Primary Viewing Station (PVS)

Leidos Security Detection & Automation	Secondary Viewing Station (SVS)
Leidos Security Detection & Automation	Printer
Leidos Security Detection & Automation	Network Equipment Package for 1-3 EDS
Leidos Security Detection & Automation	Network Equipment Package for 4-6 EDS
Leidos Security Detection & Automation	Network Equipment Package for 7-10 EDS
Leidos Security Detection & Automation	Master Control Station
Leidos Security Detection & Automation	Uninterruptable Power Supply (UPS) for 1-3 EDS
Leidos Security Detection & Automation	Uninterruptable Power Supply (UPS) for 4-6 EDS
Leidos Security Detection & Automation	Uninterruptable Power Supply (UPS) for 7-10 EDS
Leidos Security Detection & Automation	Integration support
Leidos Security Detection & Automation	Network Installation support
Leidos Security Detection & Automation	Integration Site Acceptance Test Support
Leidos Security Detection & Automation	Seismic Anchors
Smiths Detection Inc.	Primary Viewing Station (PVS)
Smiths Detection Inc.	Secondary Viewing Station (SVS)
Smiths Detection Inc.	Printer
Smiths Detection Inc.	Network Equipment Package for 1-3 EDS
Smiths Detection Inc.	Network Equipment Package for 4-6 EDS
Smiths Detection Inc.	Network Equipment Package for 7-10 EDS
Smiths Detection Inc.	Master Control Station
Smiths Detection Inc.	Uninterruptable Power Supply (UPS) for 1-3 EDS
Smiths Detection Inc.	Uninterruptable Power Supply (UPS) for 4-6 EDS
Smiths Detection Inc.	Uninterruptable Power Supply (UPS) for 7-10 EDS
Smiths Detection Inc.	Integration support
Smiths Detection Inc.	Network Installation support
Smiths Detection Inc.	Integration Site Acceptance Test Support
Smiths Detection Inc.	Seismic Anchors
Reveal / Leidos	Primary Viewing Station (PVS)
Reveal / Leidos	Secondary Viewing Station (SVS)

Reveal / Leidos	Printer
Reveal / Leidos	Uninterruptable Power Supply (UPS)
Reveal / Leidos	Seismic Anchor Brackets
Reveal / Leidos	Network Equipment Package for 1-4 EDS
Reveal / Leidos	Network Equipment Package for 5-8 EDS
Reveal / Leidos	Master Control Station
Reveal / Leidos	E-Stop switch
Reveal / Leidos	Hardware 24 port switch
Reveal / Leidos	Extended Length (XL) Conveyor kit
Reveal / Leidos	Air Conditioner
Reveal / Leidos	Scanner Pedestal
Reveal / Leidos	Conveyor Pedestal
Reveal / Leidos	XL Conveyor Pedestal
Reveal / Leidos	DR+ Extension Pedestal
Reveal / Leidos	Air Conditioner Pedestal
Reveal / Leidos	Seismic Anchor Brackets with Pedestal
Reveal / Leidos	Integration support
Reveal / Leidos	Network Installation support
Reveal / Leidos	Integration Site Acceptance Test Support

The following is FF&E that TSA may require for efficient operations.

Item	Peripheral Equipment Vendor	Item Number	Description
Gravity Roller conveyor			
Gravity Roller lift gate conveyor			
Chairs			
Anti-fatigue mats			
Ball Transfer Tables			
Flexible Roller Conveyor			
Edge Guard for gravity roller conveyor			
ETD Search Table			
ETD Cabinet			

4.2. Explosives Trace Detectors

Please refer to Paragraph 2.7.