Notice

This document is distributed under the sponsorship of the Transportation Security Administration (TSA) of the U.S. Department of Homeland Security in the interest of information exchange. The U.S. Government assumes no liability for the contents or use.

Note: The Checkpoint Requirements and Planning Guide (CRPG) consists of the main document and three appendices. The main document is available here: <https://www.tsa.gov/sites/default/files/checkpoint-requirements-and-planning-guide.docx>.

Appendix A (what you are currently reading) contains the equipment blocks and tags and is available here: <https://www.tsa.gov/sites/default/files/checkpoint-requirements-and-planning-guide_appendix-a.docx>.

Appendix B contains the electrical and data information and is available here: <https://www.tsa.gov/sites/default/files/checkpoint-requirements-and-planning-guide_appendix-b.docx>.

Appendix C contains checkpoint layout examples and is available here: <https://www.tsa.gov/sites/default/files/checkpoint-requirements-and-planning-guide_appendix-c.docx>. We have made the main CRPG Section 508 compliant. We are working to make the embedded files and appendices 508 compliant. Non-compliant documents will be replaced as soon as possible.

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| **Helpful Instructions** | Accessing Embedded Files & Opening Embedded Files in New Windows |  |

Disclaimer

It is the project sponsor’s responsibility to create drawing concepts, issue construction documents, and provide as-built drawings. Maximum flexibility in the checkpoint size and infrastructure must be considered for future checkpoint reconfigurations and new checkpoint terminal planning. TSA equipment is subject to change, which may affect the checkpoint space and infrastructure requirements. Additionally, adjustments may be required after installation of TSA equipment if there are changes to design and/or operations of the checkpoint. The project sponsor should be prepared to update these documents as needed.

Prior to finalizing checkpoint designs, airports should check with TSA to confirm they have the latest Checkpoint Requirements and Planning Guide (CRPG) standards. The CRPG is subject to change on a case-by-case basis for equipment layout and components of the checkpoint and may include addition or removal of items listed/not listed within this document. Every 12 months, at a minimum, the airport should check with Dale Mason ([dale.mason@tsa.dhs.gov](mailto:dale.mason@tsa.dhs.gov)) from the Requirements Development Branch for the latest documents/standards and/or obtain the updated documents/standards directly from tsa.gov at the links provided above.

TSA does not endorse specific equipment or specific original equipment manufacturers. All equipment shown is for example only.

This guide is dynamic and easily accessed from public domains for all who need to create airport checkpoint drawings and projects. Resource and requirement documents that are embedded in the PDF can be accessed and studied for standard and complex facets of any checkpoint project.

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**Appendix A A-Sheets and E-Sheets**

This section provides equipment blocks and equipment tags and electrical device configurations for equipment, by technology and manufacturer. Various configurations are possible; not all may be depicted in this section.

NOTE: CAD (.dwg) files will only open for those with the CAD programs. If you do not have a CAD program, please use the PDF.

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| **Revision** | **Date** | **Description of Changes** |
| 0 | 08/01/2023 | Initial publication as Appendix A containing A-Sheets and E-Sheets; Added information for IDSS mid, Scarabee mid, Scarabee full, Smiths base, Smiths mid, and Smiths full; Updated Analogic Full E-Sheet |
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A-1 A00 Series Sheets (Equipment Blocks and Equipment Tags)

Please reference the general notes contained within the sheets.

| **Vendor/Equipment** | **File Type** | **Drawing(s)** |
| --- | --- | --- |
| **Legacy Equipment** | .dwg |  |
| .pdf |  |
| **AT-CT - Smiths** | .dwg |  |
| .pdf |  |
| **CPSS – Analogic Base** | .dwg |  |
| .pdf |  |
| **CPSS – Analogic Mid** | .dwg |  |
| .pdf |  |
| **CPSS – Analogic Full** | .dwg |  |
| .pdf |  |
| **CPSS – IDSS Mid** | .dwg |  |
| .pdf |  |
| **CPSS – IDSS Full** | .dwg | TBD |
| .pdf | TBD |
| **CPSS – Scarabee Mid** | .dwg |  |
| .pdf |  |
| **CPSS – Scarabee Full** | .dwg |  |
| .pdf |  |
| **CPSS – Smiths Base** | .dwg |  |
| .pdf |  |
| **CPSS – Smiths Mid** | .dwg |  |
| .pdf |  |
| **CPSS – Smiths Full** | .dwg |  |
| .pdf |  |
| **ASL – Leidos MacDonald Humfrey** | .dwg |  |
| .pdf |  |
| **ASL-Scarabee** | .dwg |  |
| .pdf |  |
| **ASL, Vanderlande** | .dwg |  |
| .pdf |  |

A-2 E00 Series Sheets (Electrical Device Configurations for Equipment)

Please reference the general notes contained within the sheets.

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| **GENERAL ELECTRICAL DETAILS** | | |
| **Vendor/Equipment** | **File Type** | **Drawing(s)** |
| **AIT**  **CT**  **Rohde & Schwarz AIT AVS/ETD/BLS**  **TDC/STSO**  **WTMD**  **IT/Server Cabinet** | .dwg |  |
| .pdf |  |

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| **ADVANCED TECHNOLOGY (AT)** | | |
| **Vendor/Equipment** | **File Type** | **Drawing(s)** |
| **AT** | .dwg |  |
| .pdf |  |

| **COMPUTED TOMOGRAPHY (CT)** | | |
| --- | --- | --- |
| **Vendor/Equipment** | **File Type** | **Drawing(s)** |
| **AT-CT – Smiths** | .dwg |  |
| .pdf |  |
| **CPSS – Analogic Base** | .dwg |  |
| .pdf |  |
| **CPSS – Analogic Mid** | | .dwg |  |
| .pdf |  |
| **CPSS – Analogic Full** | | .dwg |  |
| .pdf |  |
| **CPSS – IDSS Mid** | | .dwg |  |
| .pdf |  |
| **CPSS – IDSS Full** | | .dwg | TBD |
| .pdf | TBD |
| **CPSS – Scarabee Mid** | | .dwg |  |
| .pdf |  |
| **CPSS – Scarabee Full** | | .dwg |  |
| .pdf |  |
| **CPSS – Smiths Base** | | .dwg |  |
| .pdf |  |
| **CPSS – Smiths Mid** | | .dwg |  |
| .pdf |  |
| **CPSS – Smiths Full** | | .dwg |  |
| .pdf |  |

| **AUTOMATED SCREENING LANES (ASL)** | | |
| --- | --- | --- |
| **Vendor** | **File Type** | **Drawing(s)** |
| **Leidos MacDonald Humfrey** | .dwg |  |
| .pdf |  |
| **Scarabee** | .dwg |  |
| .pdf |  |
| **Vanderlande** | .dwg |  |
| .pdf |  |