

TSA Checkpoint Design

Innovation Task Force

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Purpose

The Checkpoint Requirements and Planning Guide provides airport and terminal operators the information necessary to plan and design for future checkpoints in compliance with current security requirements. The CRPG is currently undergoing a refresh of information.



Checkpoint Design Guide (CDG)



The CDG provides security screening checkpoint design requirements to terminal designers to ensure security screening is conducted in a safe and effective way. This guide details the equipment, operational, and safety needs to ensure optimal screening.

Contents Include:

-  Introduction to Design
-  Roles, Responsibilities, and Project Phasing
-  Checkpoint Elements, Layouts, and Specifications
-  Design Aids

Innovation Supplement

The Innovation Supplement to the CDG allows airport stakeholders to consider future infrastructure and design requirements based on the future processes for screening. Airport stakeholders can include risk-based decisions in their infrastructure planning.

Contents Include:

-  Queue Management
-  Passenger Authentication
-  Passenger Screening
-  Ancillary TSA Spaces

Future of Checkpoint Requirements and Planning Guide (CRPG)

ITF is in the process of integrating the CDG and Innovation Supplement to one comprehensive and user-friendly Checkpoint Requirements and Planning Guide (CRPG).

The benefits of using this document is to be able to:

- Rapidly integrate new technologies in operational environments in a variety of locations
- Redesign, modify, and update security checkpoints to accommodate the new technologies



CRPG Update Objectives

- Update existing checkpoint design guide, supplemental design guide, and other documents into a single comprehensive guide in accordance with TSA design standards
- Improve the guide to be easy to navigate, user friendly, and interactive
- Conduct reviews of all materials and develop guidelines in the document that need to be updated or adjusted
- Define current state checkpoints and future state checkpoints in the guide

The CRPG review and update process is a collaborative effort with stakeholders that support Transportation Security Equipment (TSE) needs and who ensure the freedom of movement for people and commerce.

Disclaimer

It is the airport's responsibility to create drawing concepts, issue construction documents, and provide as-built drawings. TSA equipment is subject to change, which may affect the infrastructure requirements. Accordingly, the airport should be prepared to make changes to the above referenced documents if needed.

Additionally, adjustments may be needed after installation of TSA equipment if there are changes to design and/or operations of the checkpoint. Maximum flexibility in the checkpoint size and infrastructure needs to be considered for future checkpoint reconfigurations and new checkpoint terminal planning. Please check with the TSA checkpoint design team/ITF for the latest documents and request updated documents/standards every six (6) months at a minimum.

Please note that TSA does not endorse specific equipment or specific Original Equipment Manufacturers in any way. This document in no way endorses any equipment or vendors' equipment. Any and all equipment is shown only as an example.

**Thank
You**



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