

*The Open Group Standard*

**Open Trusted Technology Provider™ Standard (O-TTPS) –  
Mitigating Maliciously Tainted and Counterfeit Products**

**Part 2: Assessment Procedures for the O-TTPS  
Version 1.2**



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The Open Group Standard

**Open Trusted Technology Provider™ Standard (O-TTPS) – Mitigating Maliciously Tainted and Counterfeit Products**

**Part 2: Assessment Procedures for the O-TTPS, Version 1.2**

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# Preface

## The Open Group

The Open Group is a global consortium that enables the achievement of business objectives through technology standards. Our diverse membership of more than 900 organizations includes customers, systems and solutions suppliers, tool vendors, integrators, academics, and consultants across multiple industries.

The mission of The Open Group is to drive the creation of Boundaryless Information Flow™ achieved by:

- Working with customers to capture, understand, and address current and emerging requirements, establish policies, and share best practices
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The Open Group publishes a wide range of technical documentation, most of which is focused on development of Standards and Guides, but which also includes white papers, technical studies, certification and testing documentation, and business titles. Full details are available at [www.opengroup.org/library](http://www.opengroup.org/library).

## This Document

The Open Group Open Trusted Technology Forum (OTTF) is a global initiative that invites industry, government, and other interested participants to work together to evolve the O-TTPS and other OTTF deliverables.

This document is Part 2 of the Open Trusted Technology Provider Standard (O-TTPS). It has been developed by the OTTF and approved by The Open Group, through The Open Group Company Review process. There are two distinct elements that should be understood with respect to this document: the O-TTPF (Framework) and the O-TTPS (Standard).

**The O-TTPF (Framework):** The O-TTPF is an evolving compendium of organizational guidelines and best practices relating to the integrity of Commercial Off-The-Shelf (COTS) Information and Communications Technology (ICT) products and the security of the supply chain throughout the entire product lifecycle.

An early version of the O-TTPF was published as a White Paper in February 2011, revised in November 2015, and has since been updated and published as a Guide in September 2021 (see [Referenced Documents](#)). The O-TTPF serves as the basis for the O-TTPS, future updates, and additional standards. The content of the O-TTPF is the result of industry collaboration and research as to those commonly used commercially reasonable practices that increase product integrity and supply chain security. The members of the OTTF will continue to collaborate with industry and governments and update the O-TTPF as the threat landscape changes and industry practices evolve.

**The O-TTPS (Standard):** The O-TTPS is an open standard containing a set of guidelines that when properly adhered to have been shown to enhance the security of the global supply chain and the integrity of COTS ICT products. The O-TTPS, Part 1: Requirements and Recommendations (see [Referenced Documents](#)) provides a set of guidelines, requirements, and recommendations that help assure against maliciously tainted and counterfeit products throughout the COTS ICT product lifecycle encompassing the following phases: design, sourcing, build, fulfillment, distribution, sustainment, and disposal.

The O-TTPS, Part 2: Assessment Procedures for the O-TTPS (this document), provides assessment procedures that may be used to demonstrate conformance with the requirements provided in Chapter 4 of the O-TTPS, Part 1.

Using the guidelines documented in the O-TTPF as a basis, the OTTF is taking a phased approach and staging O-TTPS releases over time. This staging will consist of standards that focus on mitigating specific COTS ICT risks from emerging threats. As threats change or market needs evolve, the OTTF intends to update the O-TTPS by releasing addenda to address specific threats or market needs.

The O-TTPS is aimed at enhancing the integrity of COTS ICT products and helping customers to manage sourcing risk. The authors recognize the value that it can bring to governments and commercial customers worldwide, particularly those who adopt procurement and sourcing strategies that reward those vendors who follow the O-TTPS best practice requirements and recommendations.

Note: Any reference to “providers” is intended to refer to COTS ICT providers. The use of the word “component” is intended to refer to either hardware or software components.

### **Intended Audience**

The O-TTPS is intended for organizations interested in helping the industry evolve to meet the threats in the delivery of trustworthy COTS ICT products. It is intended to provide enough context and information on business drivers to enable its audience to understand the value in adopting the guidelines, requirements, and recommendations specified within. It also allows providers, suppliers, and integrators to begin planning how to implement the O-TTPS in their organizations. Additionally, acquirers and customers can begin recommending the adoption of the O-TTPS to their providers and integrators.

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- Members of the OTTF who participated in the Forum Review
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*The original contributing members with their original organization affiliations as they appeared in the previous version(s) of the O-TTPS are listed below.*

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# Referenced Documents

## Normative References

Normative references for this document are defined in Section 1.4.

## Informative References

The following documents are referenced in this document.

(Please note that the links below are good at the time of writing but cannot be guaranteed for the future.)

- ISO/IEC Directives, Part 2: Rules for the Structure and Drafting of International Standards; refer to: [www.iso.org](http://www.iso.org)
- Open Trusted Technology Provider™ Framework (O-TTPF), The Open Group Guide (G21C), published by The Open Group, September 2021; refer to: [www.opengroup.org/library/g21c](http://www.opengroup.org/library/g21c)
- Open Trusted Technology Provider™ Framework (O-TTPF), White Paper (W157), published by The Open Group, November 2015; refer to: [www.opengroup.org/library/w157](http://www.opengroup.org/library/w157)
- Open Trusted Technology Provider™ Standard (O-TTPS) – Mitigating Maliciously Tainted and Counterfeit Products, Part 1: Requirements and Recommendations, Version 1.2, a standard of The Open Group (C225-1), published by The Open Group, September 2023; refer to: [www.opengroup.org/library/c225-1](http://www.opengroup.org/library/c225-1)

# 1 Introduction

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This chapter introduces Part 2 of the Open Trusted Technology Provider™ Standard (O-TTPS).

## 1.1 Objective

Part 2 of the O-TTPS specifies the procedures to be utilized by an assessor when conducting a conformity assessment to the mandatory requirements in the O-TTPS.<sup>1</sup>

## 1.2 Overview

These Assessment Procedures are intended to ensure the repeatability, reproducibility, and objectivity of assessments against the O-TTPS. Though the primary audience for this document is the assessor, an Information Technology (IT) provider who is undergoing assessment or preparing for assessment, may also find this document useful.

## 1.3 Conformance

The Open Group has developed and maintains conformance criteria, assessment procedures, and a Certification Policy and Program for the O-TTPS as a useful tool for all constituents with an interest in supply chain security.

This document defines the conformance requirements and assessment procedures for the Certification Program. Certification provides formal recognition of conformance to the O-TTPS, which allows:

- Providers and practitioners to make and substantiate clear claims of conformance to the O-TTPS
- Acquirers to specify and successfully procure from providers who conform to the O-TTPS

## 1.4 Normative References

None.

## 1.5 Terminology

This section provides a set of terms and their definitions, which should be used when describing and interpreting the requirements and recommendations specified in Chapter 4 of the O-TTPS, Part 1. These terms are aligned with ISO/IEC Directives, Part 2 (Annex H).

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<sup>1</sup> The O-TTPS Part 1 is freely available at: [www.opengroup.org/library/c225-1](http://www.opengroup.org/library/c225-1).

Shall	Indicates an absolute, mandatory requirement that has to be implemented in order to conform to this document and from which no deviation is permitted. Do not use “must” as an alternative for “shall”. (This will avoid any confusion between the requirements of a document and external statutory obligations.)
Shall not	Indicates an absolute preclusion, and if implemented would represent a non-conformity. Do not use “may not” instead of “shall not” to express a prohibition.
Should	Indicates a recommendation among several possibilities that is particularly suitable, without mentioning or excluding others, or that a certain course of action is preferred but not necessarily required.
Should not	Indicates a practice explicitly recommended not to be implemented, or that a certain possibility or course of action is deprecated but not prohibited. To conform to the O-TTTPS, an acceptable justification must be presented if the requirement is implemented.
May	Indicates an optional requirement to be implemented at the discretion of the practitioner. Do not use “can” instead of “may” in this context.
Can	Used for statements of possibility and capability, whether material, physical, or causal.

For the purposes of this document, the following terms and definitions apply. For terms not defined here refer to the Glossary in the O-TTTPS, Part 1: Requirements and Recommendations (see [Referenced Documents](#)).

Throughout this document, the term O-TTTPS is used when referring to The Open Trusted Technology Provider Standard.

Note: The terms listed in the following sections are capitalized throughout this document.

### **Distributor**

Distributors and Pass-Through Resellers distribute products, but do not modify the product or augment the physical composition of the product as they distribute it. Distributors and Pass-Through Resellers do have responsibility for mitigating risk to the physical and logical access to the product.

### **Evidence of Conformance**

Evidence submitted to the assessor performing the assessment to demonstrate conformance to the O-TTTPS Requirements within an Organization’s declared Scope of Assessment.

### **Implementation Evidence**

Artifacts that show the required process has been applied to the Selected Representative Products.

### **O-TTTPS Requirements**

All of the mandatory (i.e., Shall) requirements in the O-TTTPS.

## **Organization**

A technology provider being assessed for conformance to the O-TTPS Requirements; e.g., Original Equipment Manufacturer (OEM), Original Design Manufacturer (ODM), hardware and software component supplier, integrator, Value-Add Reseller (VAR), Distributor, or Pass-Through Reseller.

## **Pass-Through Reseller**

Pass-Through Resellers distribute products, but do not modify the product or augment the physical composition of the product as they distribute it. Distributors and Pass-Through Resellers do have responsibility for mitigating risk to the physical and logical access to the product.

## **Process Evidence**

The evidence/artifacts listed in this document as required to demonstrate that the Organization has the required processes/procedures defined.

Note: The Process Evidence shows they have defined/documented processes, the Implementation Evidence demonstrates that the defined/documented processes/procedures have been implemented.

## **Scope of Assessment**

A description by the Organization of the products, product lines, business units, and/or geographies, which optionally could encompass an entire organization.

## **Selected Representative Product**

A set of products that is a representative sample of all the products from within the Scope of Assessment.

# **1.6 Future Directions**

Refer to the O-TTPS, Part 1: Requirements and Recommendations (see [Referenced Documents](#)).

## 2 General Concepts

---

### 2.1 The O-TTPS

This chapter is included to provide insight into the structure and the naming conventions of the requirements in the O-TTPS, which are also included in the Assessment Requirements in Chapter 3.

The O-TTPS is a standard containing a set of requirements that when properly adhered to have been shown to enhance the security of the global supply chain and the integrity of commercial Off-The-Shelf (COTS) Information and Communication Technology (ICT) products. It provides a set of guidelines, requirements, and recommendations that help assure against maliciously tainted and counterfeit products throughout the COTS ICT product lifecycle encompassing the following phases: design, sourcing, build, fulfillment, distribution, sustainment, and disposal. The assessor shall only assess conformance against the mandatory requirements, the (shall) requirements, in the O-TTPS and shall not assess conformance to guidelines or recommendations.

The O-TTPS is described in terms of the provider's product lifecycle. The collection of provider best practices contained in the O-TTPS are those that the OTTF considers best capable of influencing and governing the integrity of a COTS ICT product from its inception to proper disposal at end-of-life. These provider practices are divided into two basic categories of product lifecycle activities: Technology Development and Supply Chain Security:

- **Technology Development**

The provider's Technology Development activities for a COTS ICT product are mostly under the provider's in-house supervision in how they are executed. The methodology areas that are most relevant to assuring against tainted and counterfeit products are: Product Development/Engineering Methods and Secure Development/Engineering Methods.

- **Supply Chain Security**

The provider's Supply Chain Security activities focus on best practices where the provider must interact with third parties who produce their agreed contribution with respect to the product's lifecycle. Here, the provider's best practices often control the point of intersection with the outside supplier through control points that may include inspection, verification, and contracts.

The O-TTPS is structured by prefacing each requirement with the associated activity area described above. The naming convention is reflected in the O-TTPS and in this document and is listed below:

- Product Development/Engineering Method-related requirements: PD
- Secure Development/Engineering Method-related requirements: SD
- Supply Chain Security Method-related requirements: SC



## 2.2 Assessment Concepts: Relevance of Scope of Assessment and Selected Representative Products

This document introduces the concepts of “Scope of Assessment” and “Selected Representative Products”. Rather than assuming an Organization would only request assessment for conforming to the requirements in the O-TTPS for one specific product, these Assessment Procedures allow for the possibility of an Organization to identify their desired Scope of Assessment, which could be:

- An individual product
- All products within one product-line
- All products within a business unit, or
- All products within an entire organization

If an Organization wants to be assessed for conforming to the O-TTPS Requirements throughout a larger scope, then the concept of Selected Representative Products becomes useful. Depending on the size of the product-line, business unit, or organization, it would likely not be practical or affordable for the Organization to demonstrate conformance on every product in a product-line, business unit, or in an entire organization. Instead, the Organization may identify a representative subset of products from within the Scope of Assessment. It is this set of Selected Representative Products which would then be used to generate Evidence of Conformance to each of the O-TTPS Requirements.

However, if an Organization decides to be assessed for conforming to the O-TTPS Requirements for an individual product, then they are free to do so. In that case, the Scope of Assessment would be that one product and there would be only one Selected Representative Product to be assessed.

Note: Throughout these Assessment Procedures, what is being assessed is the conformance to the O-TTPS Requirements which are, in general, a set of process requirements to be deployed throughout a product’s lifecycle from design through to disposal. Assessors are not assessing the products; they are using the products to aid in demonstrating conformance to the O-TTPS Requirements for the defined and implemented processes.

## 2.3 Relevance of IT Technology Provider Categories in the Supply Chain

The Assessment Procedures contained herein are applicable to all types of Organizations who are ICT technology providers. The nature of the Organization as it applies to their Scope of Assessment is relevant and should be specified by the Organization being assessed and recorded by the assessor. The category selections include:

- Original Equipment Manufacturer (OEM) or Original Design Manufacturer (ODM)  
Indicating product provider or component supplier and whether the product(s)/component(s) in the Scope of Assessment are primarily hardware or software or both. All of the O-TTPS Requirements are applicable to OEMs and ODMs, including both hardware and software technology providers and component suppliers.

- Distributor or Pass-Through Reseller (assumes no value-add to the products/components)  
Chapter 4 indicates which requirements do not typically apply to this group. In general, none of the Product Development/Engineering Method (PD) or Secure Development/Engineering Method (SE) requirements apply, and all of the Supply Chain Security Method (SC) requirements do apply.
- Integrator/Value-Add Reseller (VAR)  
These are integrators or resellers who do add value to the product before they distribute it or resell it. This category of technology provider would need to indicate the type of value they add to the product before reselling or distributing it. This value-add should be relevant to the technology within their Scope of Assessment. These technology providers indicate their value-add by choosing one or more of the attribute categories from the O-TTPS. This additional declaration provides the assessor with a better understanding of the Organization's value-add and, therefore, the Organization will be better informed about the particular requirements that will apply, and the type(s) of evidence that should be provided.

## 3 Assessment Requirements

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This chapter contains the general requirements for the assessor that shall be read, understood, and followed during an assessment. Chapter 4 contains additional specific requirements for the assessor, arranged in table format with specific requirements for assessing each of the O-TTPS Requirements.

### 3.1 General Requirements for Assessor Activities

This section contains general requirements for all assessor activities.

#### 3.1.1 General Requirements for Evidence of Conformance

The Evidence of Conformance, demonstrating the existence of a process and the implementation of a process provided by the Organization, shall meet the following requirements:

General Assessor Requirement No.	Description
1	<p>There are two categories of evidence required: Process Evidence and Implementation Evidence. Each requirement in Chapter 4 is characterized as either requiring Process Evidence, Implementation Evidence, or both.</p> <p>Process Evidence:</p> <ul style="list-style-type: none"><li>• The specific types of Process Evidence listed in Chapter 4 are required. This is because these specific types of Process Evidence are generally considered to be paramount in demonstrating conformance and will help assure consistency across all assessments.</li><li>• When a specific process is cited in the Evidence of Conformance by an Organization and it is different from the process name specified in the assessor activities in Chapter 4 under Process Evidence, the assessor should accept this provided the intent of the requirement is met. The assessor shall record those instances and shall include a rationale for acceptance.</li></ul> <p>Implementation Evidence:</p> <ul style="list-style-type: none"><li>• Implementation Evidence shows the process has been applied to the Selected Representative Products. Acceptable types of evidence/artifacts are listed in the assessor activities in Chapter 4 under Implementation Evidence. This is because each Organization will likely have different ways of demonstrating implementation of the processes, which may include a wide variety of types of evidence.</li><li>• In certain instances, the types of acceptable Implementation Evidence may differ based on whether the Selected Representative Product being assessed is primarily a hardware or software component/product. Therefore, in some instances, the types of recommended evidence in the Assessment Procedures include options for both hardware and software-related evidence, to be provided as appropriate.</li></ul>

General Assessor Requirement No.	Description
2	The Implementation Evidence shall be related to the Selected Representative Products.
3	The Implementation Evidence and Process Evidence provided shall be sufficient to demonstrate conformance to the requirement and shall be retained by the assessor.
4	The evidence provided shall cover the period of time for which the claimed process has been implemented for the product(s) in the Scope of Assessment.
5	There may be one or more processes identified for each attribute; this will be evident from the Evidence of Conformance. Therefore, in some cases it is acceptable for a requirement to be met by evidence from more than one formal process.
6	Evidence specified in the tables in Chapter 4 indicates the expectations of content. The specific names of items and the location of information and document names used within the supplied Evidence of Conformance may vary and is acceptable as long as conformance to the requirement is shown.
7	Terminology used in identifying evidence by Organizations may differ from that used by the O-TTPS provided the terms are understood by the Organization and the assessor.
8	<p>The nature of the Organization as it applies to their Scope of Assessment must be specified by the Organization being assessed and recorded by the assessor. The options include the primary categories of technology providers in the supply chain. Below are the category options and any associated requirements that might be associated with those categories:</p> <ul style="list-style-type: none"> <li>• OEMs All of the requirements apply equally to software or hardware providers. Therefore, if the technology providers that are being assessed are considered to be OEMs, then all of the requirements shall apply and a response of Not Applicable (N/A) is not acceptable based solely on whether a product is primarily hardware or software.</li> <li>• Distributors or Pass-Through Resellers (with no value-add) There are certain cases where requirements do not apply. For those cases in the specific guidelines of those requirements, it will state: “NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable”.</li> <li>• Integrators or Value-Add Resellers (VARs) Depending on the value added for the Selected Representative Product(s) being assessed, different requirements could apply. In instances where the type of evidence required may be slightly different from that required for OEMs, or known by a different name, that evidence is indicated in the specific requirements section or in the Process or Implementation Evidence fields in the tables in Chapter 4 by the following preface: “For integrators and VARs: ...”.</li> </ul>

<b>General Assessor Requirement No.</b>	<b>Description</b>
9	For those O-TTPS Requirements related to training programs, the purpose of receiving the training artifacts evidence is to ensure that the training occurs, not to judge the effectiveness of the training.
10	The term “routinely” is used occasionally in the O-TTPS. For assessment purposes, the assessor shall check that the period is defined. However, the Organization shall provide a rationale for the stated period.
11	When photographic or video evidence is provided as Evidence of Conformance, it shall be current and be indicative of how an Organization is currently applying its processes.
12	The assessor shall record their activities and findings such that the assessment can be repeated and reviewed should the need arise.
13	In instances where the Organization indicates that the requirement is non-applicable, the assessor shall request the rationale for non-applicability in place of evidence, which shall be recorded.

## 4 Assessor Activities for O-TTPS Requirements

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This chapter provides specific assessor activities for each O-TTPS Requirement. The tables in this chapter are arranged as follows:

- There is an overall heading for each O-TTPS attribute, which includes the name and acronym for the attribute, the definition of the attribute, and a reference to where in the O-TTPS the attribute and associated requirements can be found
- Under each attribute heading there are tables for every O-TTPS Requirement associated with that attribute – each table contains the acronym for the O-TTPS Requirement, along with the exact wording of the O-TTPS Requirement

Note: Part 1 of the O-TTPS contains all O-TTPS Requirements, whether mandatory (designated “shall”) or recommended (designated “should”). Part 2 of the O-TTPS contains only the mandatory requirements from Part 1.

Each table also includes the following fields:

- **Assessment Type:** indicates whether the Evidence of Conformance to be provided/assessed is Process Evidence, Implementation Evidence, or both
- **Related Requirements:** indicates which other O-TTPS Requirements shall be considered in the assessment of this requirement; indicates which Requirements may have overlap or relationship to consider when preparing for assessment
- **Specific Requirements for Assessor Activities:** provides additional assessor requirements for the specific O-TTPS Requirement – if any
- **Evidence of Conformance (Process):** indicates the Process Evidence that shall be provided for each requirement
- **Evidence of Conformance (Implementation):** indicates the types of Implementation Evidence that are acceptable

### 4.1 PD\_DES: Software/Firmware/Hardware Design Process

#### **Attribute Definition**

A formal process exists that defines and documents how requirements are translated into a product design.

#### **O-TTPS Reference**

Section 4.1.1.1.

### Assessor Activity Tables

<b>PD_DES.01</b>	A process shall exist that assures the requirements are addressed in the design.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_TAM.02
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product requirements management process, product design process
<b>Evidence of Conformance (Implementation)</b>	Design artifacts, requirements traceability report, quality assurance, audit reports, reports produced by tracking system

<b>PD_DES.02</b>	Product requirements shall be documented.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_OSH.02
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Product requirements document

<b>PD_DES.03</b>	Product requirements shall be tracked as part of the design process.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence Required
<b>Related Requirements</b>	PD_DES.01, PD_DES.02
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product requirements management process, product design process
<b>Evidence of Conformance (Implementation)</b>	Product requirements document

## 4.2 PD\_CFM: Configuration Management

### Attribute Definition

A formal process and supporting systems exist which assure the proper management, control, and tracking of change to product development and manufacturing assets and artifacts.

### O-TTPS Reference

Section 4.1.1.2.

### Assessor Activity Tables

<b>PD_CFM.01</b>	A documented formal process shall exist which defines the configuration management process and practices.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	The configuration management process shall include change management or separate process documentation shall exist that covers change management. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Configuration Management (CM) process
<b>Evidence of Conformance (Implementation)</b>	CM reports, build reports, CM tooling, CM artifacts, CM applications, tools, build tools, change control applications, reports produced from change boards

<b>PD_CFM.02</b>	Baselines of identified assets and artifacts under configuration management shall be established.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	PD_MPP.02
<b>Specific Requirements for Assessor Activities</b>	Baselines shall be current and include the artifacts that constitute each product. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	None.



<b>Evidence of Conformance (Implementation)</b>	Product baselines in the CM system
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<b>PD_CFM.03</b>	Changes to identified assets and artifacts under configuration management shall be tracked and controlled.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_OSH.03
<b>Specific Requirements for Assessor Activities</b>	Starting with a change request to the Selected Representative Product(s) trace that the process for change management has been implemented. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Change management process
<b>Evidence of Conformance (Implementation)</b>	Problem reports, change reviews, build reports, requests for changes, build/scope review

<b>PD_CFM.04</b>	Configuration management shall be applied to build management and development environments used in the development/engineering of the product.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	Implementation Evidence may consist of screenshots from a CM application. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	CM process
<b>Evidence of Conformance (Implementation)</b>	Evidence from CM application (for software or hardware)

<b>PD_CFM.05</b>	Access to identified assets and artifacts and supporting systems shall be protected and secured.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_ACC.all

<b>Specific Requirements for Assessor Activities</b>	An access control policy shall exist and it shall describe the access control policy for each of the artifacts and assets identified in the assessment of PD_CFM.02 and supporting systems. This includes physical access control policies and logical access control policies. The assessor shall check that the evidence demonstrates that the access control policy has been implemented.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Security controls: access control policies and procedures
<b>Evidence of Conformance (Implementation)</b>	Security audit reports, CM access control, problem tracking access control, build management access control, assembly management access control, access controls to physical artifacts, role-based or identity-based access controls, list of supporting systems

<b>PD_CFM.06</b>	A formal process shall exist that establishes acceptance criteria for work products accepted into the product baseline.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_QAT.all
<b>Specific Requirements for Assessor Activities</b>	The acceptance criteria for each artifact and asset (configuration item) that forms part of the baseline should be defined.  NOTE: Types of artifacts and assets may include, but are not limited to: source code, open source code, binary code, hardware or Integrated Circuit (IC) specifications, components, sub-assemblies, drivers, and documentation such as product manuals and configuration guides.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product development process
<b>Evidence of Conformance (Implementation)</b>	Signed or acknowledged acceptance and compliance records, reports or output from the process gate reviews, business process flows

### 4.3 PD\_MPP: Well-Defined Development/Engineering Method Process and Practices

#### Attribute Definition

Development/engineering processes and practices are documented, and managed and followed across the lifecycle.

## O-TTPS Reference

Section 4.1.1.3.

### Assessor Activity Tables

<b>PD_MPP.02</b>	The development/engineering process shall be able to track, as appropriate, components that are proven to be targets of tainting or counterfeiting as they progress through the lifecycle.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_CFM.03, SC_MAL.01, SC_RSM.04
<b>Specific Requirements for Assessor Activities</b>	The process should cover identifying and labeling components that are judged by the Organization as requiring tracking throughout the development/engineering lifecycle.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product development process
<b>Evidence of Conformance (Implementation)</b>	List of components that have been identified as requiring tracking targets of tainting/counterfeiting, CM tool

## 4.4 PD\_QAT: Quality and Test Management

### Attribute Definition

Quality and test management is practiced as part of the product development/engineering lifecycle. Changes in the product are validated as part of the nominal process of product development/engineering.

## O-TTPS Reference

Section 4.1.1.4.

### Assessor Activity Tables

<b>PD_QAT.01</b>	There shall be a quality and test product plan that includes quality metrics and acceptance criteria.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_MPP.02, SC_TTC.01
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.

<b>Evidence of Conformance (Process)</b>	Quality Assurance (QA) process, product test process
<b>Evidence of Conformance (Implementation)</b>	Quality and test product plan, documented acceptance criteria

<b>PD_QAT.02</b>	Testing and quality assurance activities shall be conducted according to the plan.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SE_TAM.03, SC_TTC.01
<b>Specific Requirements for Assessor Activities</b>	The assessor reviews the Evidence of Conformance related to QA of the work products under development. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Test reports which address the acceptance criteria, QA audit report, QA tracking, QA and test plan

<b>PD_QAT.03</b>	Products or components shall meet appropriate quality criteria throughout the lifecycle (i.e., at appropriate stages).
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	PD_CFM.06, SC_TTC.01
<b>Specific Requirements for Assessor Activities</b>	Note that “full lifecycle” should be interpreted as throughout the development/engineering lifecycle (i.e., at appropriate stages). NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Test reports, QA audit report, QA tracking, QA plan

## 4.5 PD\_PSM: Product Sustainment Management

### Attribute Definition

Product support, release maintenance (i.e., changes/updates to an existing product), and defect management are product sustainment services managed throughout the lifecycle of the product and made generally available.

### O-TTPS Reference

Section 4.1.1.5.

### Assessor Activity Tables

<b>PD_PSM.01</b>	A release maintenance process shall be implemented.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_QAT.03, PD_CFM.03, SC_MAL.02
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product release maintenance process
<b>Evidence of Conformance (Implementation)</b>	Design change requests, product update descriptions, defect reports, product lifecycle management tooling reports

<b>PD_PSM.02</b>	Release maintenance shall include a process for notification to acquirers of product updates.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_BPS.01
<b>Specific Requirements for Assessor Activities</b>	NOTE: The type of notification may be called something different for hardware (e.g., notification of a new version <i>versus</i> notification of an update, which is more often the case with software). NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product release maintenance process
<b>Evidence of Conformance (Implementation)</b>	Acquirer notification example

<b>PD_PSM.03</b>	Release maintenance shall include a product update process, which uses security mechanisms.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_RSM.all, SC_STH.all
<b>Specific Requirements for Assessor Activities</b>	NOTE: The type of process may be called something different for hardware (e.g., new version release or new bill of materials for a new release <i>versus</i> product update process, which is more often the case with software). NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product defect management process, product lifecycle management processes, or release management processes and practices
<b>Evidence of Conformance (Implementation)</b>	Security audit report that covers updates, new version release or new bill of materials for a new release, representative updates showing the Organization's security mechanisms being used

<b>PD_PSM.04</b>	A defect management process shall be implemented.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product defect management process
<b>Evidence of Conformance (Implementation)</b>	Evidence of a defect management process, defect reports

<b>PD_PSM.05</b>	The defect management process shall include a documented feedback and problem reporting process.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_MPT.02, SC_RSM.all, PD_DES.01
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Problem reporting process, product defect management process

<b>Evidence of Conformance (Implementation)</b>	Product failure reports, problem reports, change requests, product QA reports, component QA reports
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## 4.6 SE\_TAM: Threat Analysis and Mitigation

### Attribute Definition

Threat analysis and mitigation identify a set of potential attacks on a particular product or system and describe how those attacks might be perpetrated and the best methods of preventing or mitigating potential attacks.

### O-TTPS Reference

Section 4.1.2.1.

### Assessor Activity Tables

<b>SE_TAM.01</b>	Product architecture and design shall be assessed against potential attacks to gain an understanding of the threat landscape.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_RSM.all, PD_DES.all
<b>Specific Requirements for Assessor Activities</b>	The assessor should determine whether the Organization has a process in place to assess their product architecture and design against the threat landscape – and that they have implemented the process. The assessor should not attempt to assess the Organization’s understanding of the threat landscape.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product design process
<b>Evidence of Conformance (Implementation)</b>	List of known potential attacks, threat assessment against product architecture and design, vulnerability analysis during all phases, relevant threat analysis reports

<b>SE_TAM.02</b>	Threat mitigation strategies for tainted and counterfeit products shall be implemented as part of product development.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_DES.01
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.

<b>Evidence of Conformance (Process)</b>	Product development process
<b>Evidence of Conformance (Implementation)</b>	Process and method artifacts

<b>SE_TAM.03</b>	Threat analysis shall be used as input to the creation of test plans and cases.
<b>Assessment Type</b>	Process Evidence required
<b>Related Requirements</b>	PD_QAT.02
<b>Specific Requirements for Assessor Activities</b>	The assessor may choose to consider how threat analysis, from SE_TAM.01, is used as input to the creation of test plans and cases during the analysis of PD_QAT.01. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product test process
<b>Evidence of Conformance (Implementation)</b>	None.

## 4.7 SE\_VAR: Vulnerability Analysis and Response

### Attribute Definition

Vulnerability analysis is the process of determining whether a product contains vulnerabilities and categorizing their potential severity.

### O-TTPS Reference

Section 4.1.2.3.

### Assessor Activity Tables

<b>SE_VAR.01</b>	Techniques and practices for vulnerability analysis shall be utilized. Some techniques include: code review, static analysis, penetration testing, white/black box testing, etc.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_TAM.01, SE_PPR.03



<b>Specific Requirements for Assessor Activities</b>	According to the attribute, the definition of vulnerability analysis is the process of determining whether a product contains vulnerabilities and categorizing their potential severity; therefore, the potential severity of vulnerabilities should be categorized.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Vulnerability analysis process
<b>Evidence of Conformance (Implementation)</b>	Attacks, identified in SE_TAM.01, must be reflected in the vulnerability analysis, using the appropriate techniques and practices (e.g., static analysis reports, white/black box testing reports, code scanning reports, build reports, code review documentation, penetration testing reports, test results, probing, x-ray, tamper detection techniques, hardware penetration testing, solder examination, checking for signal integrity, checks for power consumption, validation of product to spec, side-channel analysis, review of known vulnerability repositories)

<b>SE_VAR.02</b>	A process shall exist for governing notification of newly discovered and exploitable product vulnerabilities.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_BPS.01
<b>Specific Requirements for Assessor Activities</b>	The governing process should include a description of who should be notified.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Vulnerability analysis process
<b>Evidence of Conformance (Implementation)</b>	List of newly discovered exploitable product vulnerabilities and evidence of the appropriate distribution (e.g., Product Security Incident Response Team (PSIRT) process documentation, PSIRT reports, records of notifications)

<b>SE_VAR.04</b>	The impact of published vulnerabilities to the product of the organization being assessed for conformance shall be analyzed and mitigated.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_VAR.01

<b>Specific Requirements for Assessor Activities</b>	There may be cases where no published, exploitable vulnerabilities have been identified for a product or a product line. In this case, an organization may instead provide a rationale explaining why Implementation Evidence is not available.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Vulnerability analysis and mitigation process
<b>Evidence of Conformance (Implementation)</b>	List of exploitable product vulnerabilities and evidence of the appropriate analysis and mitigation (e.g., PSIRT process documentation, PSIRT reports, records of analysis and mitigation)

<b>SE_VAR.05</b>	Vulnerability analysis and response (PSIRT) shall feed into the processes for ongoing product development, product patching, and remediation.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_VAR.01, SE_PPR.01
<b>Specific Requirements for Assessor Activities</b>	Refer to SE_VAR.04.  NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	PSIRT documentation, PSIRT policy, policy for product lifecycle or product development process
<b>Evidence of Conformance (Implementation)</b>	Examples of remediated product vulnerabilities submitted through PSIRT process

## 4.8 SE\_PPR: Product Patching and Remediation

### Attribute Definition

A well-documented process exists for patching and remediating products. Priority is given to known severe vulnerabilities.

### O-TTPS Reference

Section 4.1.2.4.

### Assessor Activity Tables

<b>SE_PPR.01</b>	There shall be a well-documented process for patching and remediating products.
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<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_CFM.03, PD_PSM.all, SE_VAR.05
<b>Specific Requirements for Assessor Activities</b>	For hardware: the patching and remediation process could be firmware patching or product recall/swapping/repair of components/products. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Product patching and remediation process
<b>Evidence of Conformance (Implementation)</b>	Problem reports, patching schedules, release roadmap, release notifications, change requests, etc.

<b>SE_PPR.02</b>	There shall be a process for informing an acquirer of mechanisms for notification and remediation.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Notification process documentation
<b>Evidence of Conformance (Implementation)</b>	Documentation of remediation instructions on website page, in email communications, blog posts, supplemental product documentation, etc.

<b>SE_PPR.03</b>	Remediation of vulnerabilities shall be prioritized based on a variety of factors, including risk.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_PSM.all, SC_RSM.all, SC_VAR.01
<b>Specific Requirements for Assessor Activities</b>	As stated in the attribute definition, vulnerability assessment review should utilize the criteria for prioritization of the remediation of vulnerabilities that are defined by the Organization. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Vulnerability remediation process

<b>Evidence of Conformance (Implementation)</b>	Implementation Evidence as defined in the process documentation (e.g., bug and defect reports, change management documentation for resolutions of vulnerability defects, vulnerability checklists, and vulnerability assessment review)
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<b>SE_PPR.04</b>	Documented development and sustainment practices (e.g., ensuring updates to the project are managed, new capabilities are provided, and continuous roll-forward updates occur) shall be followed when implementing product remediation.
<b>Assessment Type</b>	Process Evidence required
<b>Related Requirements</b>	PD_DES.all, PD_CFM.all, PD_MPP.all, PD_QAT.all, PD_PSM.all
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Documentation indicating development processes used to create products are also used for patch and product update development processes
<b>Evidence of Conformance (Implementation)</b>	None.

## 4.9 SE\_SEP: Secure Engineering Practices

### Attribute Definition

Secure engineering practices are established to avoid common engineering errors that lead to exploitable product vulnerabilities.

### O-TTPS Reference

Section 4.1.2.5.

### Assessor Activity Tables

<b>SE_SEP.01</b>	Secure coding practices shall be utilized to avoid common coding errors that lead to exploitable product vulnerabilities; for example, user input validation, use of appropriate compiler flags, etc.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_TAM.all, SE_VAR.all
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.

<b>Evidence of Conformance (Process)</b>	Product development process
<b>Evidence of Conformance (Implementation)</b>	Acceptable coding patterns, user input validation, use of appropriate compiler flags, results from tooling that enforces coding patterns, results from manual code reviews, minimize footprint

<b>SE_SEP.02</b>	Secure hardware design practices (where applicable) shall be employed; for example, secure boot, zeroing out memory, effective opacity, etc.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_TAM.all, SE_VAR.all
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable. NOTE: Not applicable outside secure hardware development, design, and manufacturing.
<b>Evidence of Conformance (Process)</b>	Product design process
<b>Evidence of Conformance (Implementation)</b>	Evidence that design practices are implemented (e.g., zeroing out of memory and effective opacity, secure boot, results from tooling that enforce secure design practices, results from manual review of the application of secure design practices, artifacts and/or assets indicating use of tagging, tamper detection, deployment of anti-counterfeit technology, etc.)

<b>SE_SEP.03</b>	Training on secure engineering practices shall be provided to the appropriate personnel on a regular basis consistent with changing practices and the threat landscape.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_SEP.all, SE_TAM.01, SE.MTL.02
<b>Specific Requirements for Assessor Activities</b>	NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Training process
<b>Evidence of Conformance (Implementation)</b>	Evidence that training has been provided such as training artifacts (e.g., training certificates, Computer-Based Training (CBT), training attendance statistics)

## 4.10 SE\_MTL: Monitor and Assess the Impact of Changes in the Threat Landscape

### Attribute Definition

The threat landscape is monitored and the potential impacts of changes in the threat landscape are assessed on development/engineering practices, tools, and techniques.

### O-TTPS Reference

Section 4.1.2.6.

### Assessor Activity Tables

<b>SE_MTL.02</b>	Changes to the development/engineering practices, tools, and techniques shall be assessed in light of changes to the threat landscape.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_TAM.01, PD_CFM.03
<b>Specific Requirements for Assessor Activities</b>	There may or may not have been changes, but a process should exist to govern such change. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.
<b>Evidence of Conformance (Process)</b>	Process improvement process
<b>Evidence of Conformance (Implementation)</b>	Quality engineering/management review, changed secure engineering practices, the applicant's assessment of the development/engineering practices, tools, and techniques in light of changes to the threat landscapes, internal responses for dealing with notification from vendors and monitoring of security forums

<b>SE_MTL.03</b>	The cause of product vulnerabilities shall be evaluated and appropriate changes to the development/engineering practices, tools, and techniques identified to mitigate similar vulnerabilities in the future.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SE_VAR.01
<b>Specific Requirements for Assessor Activities</b>	There may or may not have been changes, but a process should exist to govern such change. NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.

<b>Evidence of Conformance (Process)</b>	Vulnerability root cause analysis process, process improvement process
<b>Evidence of Conformance (Implementation)</b>	Changed secure engineering practices, the applicant’s assessment of the development/engineering practices, tools, and techniques in light of changes to the vulnerability analysis

## 4.11 SC\_RSM: Risk Management

### Attribute Definition

The management of supply chain risk around tainted and counterfeit components and products includes the identification, assessment, prioritization, and mitigation of corresponding business, technical, and operational risks.

### O-TTPS Reference

Section 4.2.1.1.

### Assessor Activity Tables

<b>SC_RSM.02</b>	Supply chain risk identification, assessment, prioritization, and mitigation shall be conducted.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_MPP.02
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Risk management and prioritization process
<b>Evidence of Conformance (Implementation)</b>	Supply chain risk/business continuity planning policy documents, playbooks reflecting how to handle supply chain disruption, post-incident summary documents

<b>SC_RSM.03</b>	The output of risk identification, assessment, and prioritization shall be addressed by a mitigation plan, which shall be documented.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	PD_RSM.02
<b>Specific Requirements for Assessor Activities</b>	None.

<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Mitigation plan, output from the risk identification assessment

<b>SC_RSM.04</b>	The output of risk identification, assessment, and prioritization shall be addressed by a mitigation plan, which shall be followed routinely.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_CTM.04
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Evidence that the risk management plan has been followed, component qualification data/reports, snapshot of applicable risk management tools, change history on risk assessment plan, evidence supporting the frequency of updates/reviews matches that described in the risk management process

<b>SC_RSM.05</b>	The mitigation plan shall be reviewed periodically by practitioners, including management, and revised as appropriate.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_RSM.03, SC_RSM.04
<b>Specific Requirements for Assessor Activities</b>	If the mitigation plan is new enough not to have been reviewed yet, the Organization may provide a timeline for reviewing the mitigation plan and revising as appropriate.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Evidence that the mitigation plan has been reviewed and, if revisions were found to be appropriate, updates were made to the mitigation plan

<b>SC_RSM.06</b>	Supply chain risk management training shall be incorporated in a provider's organizational training plan, which shall be reviewed periodically and updated as appropriate.
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<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_STR.01
<b>Specific Requirements for Assessor Activities</b>	The purpose of receiving the training artifacts evidence is to ensure that the training occurs, not to judge the effectiveness of the training.
<b>Evidence of Conformance (Process)</b>	Training process/policy
<b>Evidence of Conformance (Implementation)</b>	Training plan includes supply chain training

## 4.12 SC\_PHS: Physical Security

### Attribute Definition

Physical security procedures are necessary to protect development assets and artifacts, manufacturing processes, the plant floor, and the supply chain.

### O-TTPS Reference

Section 4.2.1.2.

### Assessor Activity Tables

<b>SC_PHS.01</b>	Risk-based procedures for physical security shall be established and documented.
<b>Assessment Type</b>	Process Evidence required
<b>Related Requirements</b>	SC_RSM.all
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Risk management process: physical security
<b>Evidence of Conformance (Implementation)</b>	None.

<b>SC_PHS.02</b>	Risk-based procedures for physical security shall be followed routinely.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_STR.01

<b>Specific Requirements for Assessor Activities</b>	The evidence supplied should be related to the procedures; e.g., if the procedure says Closed Circuit TV (CCTV) is a control, then appropriate CCTV video would be expected to be provided as Evidence of Conformance.  Refer to Section 3.1.1 (General Requirements for Evidence of Conformance) within this document for video reference.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	See Specific Requirements for Assessor Activities above.  Photographs of the relevant physical security controls (e.g., cages, doors, loading bays, fences, rooftop, ceiling, cabling), snapshots of audit reports, CCTV video, video of implementation of personnel ingress/egress searches, security logs

## 4.13 SC\_ACC: Access Controls

### Attribute Definition

Proper access controls are established for the protection of product-relevant intellectual property against the introduction of tainted and counterfeit components where applicable in the supply chain. Access controls may vary by type of intellectual property and over time, during the lifecycle.

### O-TTPS Reference

Section 4.2.1.3.

### Assessor Activity Tables

<b>SC_ACC.01</b>	Access controls shall be established and managed for product-relevant intellectual property, assets, and artifacts; assets and artifacts include controlled elements related to the development/manufacturing of a provider's product.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_MPP.02, SC_RSM.all, SC_ISS.01
<b>Specific Requirements for Assessor Activities</b>	The assessor is not required to determine the effectiveness or appropriateness of access policy. Note that the following requirements are to be viewed as a whole; the intent is to show that access policies are in place and are being followed.
<b>Evidence of Conformance (Process)</b>	Security controls: access control policies and procedures

<b>Evidence of Conformance (Implementation)</b>	System password and access policies, actual audit reflecting an individual's use of access controls, actual audit reflecting badge-based physical access, transport tracking, inventory account reports
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<b>SC_ACC.02</b>	Access controls established and managed for product-relevant intellectual property, assets, and artifacts shall be documented.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Supplier premises logs, access control lists, access logs, Non-Disclosure Agreements (NDAs)

<b>SC_ACC.03</b>	Access controls established and managed for product-relevant intellectual property, assets, and artifacts shall be followed routinely.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_ISS.01
<b>Specific Requirements for Assessor Activities</b>	Refer to Section 3.1.1 (General Requirements for Evidence of Conformance) within this document regarding "routinely".
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Photographs, CCTV video, video of implementation of personnel ingress/egress searches, access logs, badges, time clock reports, split key reports

<b>SC_ACC.04</b>	Access to product-relevant intellectual property, assets, and artifacts shall be reviewed periodically by practitioners, including management; access controls shall be revised and remediated as appropriate.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_ISS.01, SC_ACC.05

<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Policy describing access control review process
<b>Evidence of Conformance (Implementation)</b>	Evidence that the access controls have been reviewed and, if determined to be appropriate, revisions and/or remediations have been applied to the access controls

<b>SC_ACC.05</b>	Access controls established and managed for product-relevant intellectual property, assets, and artifacts shall employ the use of access control auditing.
<b>Assessment Type</b>	Process and Implementation Evidence required
<b>Related Requirements</b>	SC_ISS.01, SC_ACC.04
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Security controls: access control audit process
<b>Evidence of Conformance (Implementation)</b>	Audit reports or communications to management of audit results or internal SC security metric reports For physical assets and artifacts, this may include a sign-in or sign-up sheet For electronic assets and artifacts, this may include audit records from an application/tool used to manage/record access

## 4.14 SC\_ESS: Employee and Supplier Security and Integrity

### Attribute Definition

Background checks are conducted for employees and contractors whose activities are directly related to sensitive product supply chain activities.

A provider has a set of applicable business conduct guidelines for their employee and supplier communities.

A provider obtains periodic confirmation that suppliers are conducting business in a manner consistent with principles embodied in industry conduct codes, such as the Responsible Business Alliance (RBA) Code of Conduct.

### O-TTPS Reference

Section 4.2.1.4.

### Assessor Activity Tables

<b>SC_ESS.01</b>	Proof of identity shall be ascertained for all new employees and contractors engaged in the supply chain, except where prohibited by law.
<b>Assessment Type</b>	Process Evidence and practicable Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	Typically, this may be part of the hiring process, but needs to be explicitly part of that process. Assessors are checking identity not legality. Implementation Evidence may be varied by country.
<b>Evidence of Conformance (Process)</b>	Human Resources (HR) identity check process
<b>Evidence of Conformance (Implementation)</b>	Evidence that the identity is verified by the Organization

<b>SC_ESS.02</b>	Background checks shall be conducted for employees and contractors whose activities are directly related to sensitive product supply chain activities (within reason given local customs and according to local law).
<b>Assessment Type</b>	Process Evidence and Implementation Evidence (as allowed by local law) required
<b>Related Requirements</b>	SC_ESS.01
<b>Specific Requirements for Assessor Activities</b>	Assessors verify that background checks are performed in accordance with local customs and law of the country in which the background check is being performed. Implementation Evidence may vary by country.
<b>Evidence of Conformance (Process)</b>	Policy for background checks
<b>Evidence of Conformance (Implementation)</b>	Evidence that policy for background checks has been followed

<b>SC_ESS.03</b>	A set of business conduct guidelines applicable to its employees and contractors shall exist, consistent with principles embodied in industry conduct codes (e.g., the RBA Code of Conduct).
<b>Assessment Type</b>	Process Evidence required
<b>Related Requirements</b>	None.

<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Employee handbook containing business conduct guidelines
<b>Evidence of Conformance (Implementation)</b>	None.

<b>SC_ESS.04</b>	Training on business conduct guidelines shall routinely be provided to employees.
<b>Assessment Type</b>	Process Evidence required
<b>Related Requirements</b>	SC_ESS.03
<b>Specific Requirements for Assessor Activities</b>	The training policy should describe the nature and frequency of the training.
<b>Evidence of Conformance (Process)</b>	Training policy
<b>Evidence of Conformance (Implementation)</b>	None.

## 4.15 SC\_BPS: Business Partner Security

### Attribute Definition

Relevant business partners follow the recommended supply chain security best practice requirements specified by the O-TTPS.

Periodic confirmation is requested that business partners are following the supply chain security best practice requirements specified by the O-TTPS.

### O-TTPS Reference

Section 4.2.1.5.

### Assessor Activity Tables

<b>SC_BPS.01</b>	Supply chain security best practices (e.g., O-TTPS) shall be recommended to relevant business partners.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_CTM.01, SE_VAR.02, PD_PSM.02

<b>Specific Requirements for Assessor Activities</b>	The Assessment Procedures should be interpreted to mean that O-TTPS is preferred but not required. The assessor, in any event, should follow the requirement, which cites the O-TTPS only as an example.
<b>Evidence of Conformance (Process)</b>	Supplier and customer communication process
<b>Evidence of Conformance (Implementation)</b>	Communication reflecting recommended practices, security requirements for suppliers, list of relevant business partners and best practices

<b>SC_BPS.02</b>	Legal agreements with business partners shall reference applicable requirements for supply chain security practices (e.g., O-TTPS).
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_BPS.01
<b>Specific Requirements for Assessor Activities</b>	The required evidence may be the same or similar to the evidence provided for SC_BPS.01.
<b>Evidence of Conformance (Process)</b>	Legal agreement template
<b>Evidence of Conformance (Implementation)</b>	Signed legal agreement

## 4.16 SC\_STR: Supply Chain Security Training

### Attribute Definition

Personnel responsible for the security of supply chain aspects are properly trained.

### O-TTPS Reference

Section 4.2.1.6.

### Assessor Activity Tables

<b>SC_STR.01</b>	Training in supply chain security procedures shall be given to all appropriate personnel.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_ACC.03, SC_PHS.02, SC_RSM.06
<b>Specific Requirements for Assessor Activities</b>	The assessor does not need to determine what “appropriate” means; this is defined by the Organization.

<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Training materials, minutes or materials from informational, training artifacts, training attendance statistics, training certificates, computer-based training, a list of appropriate personnel

## 4.17 SC\_ISS: Information Systems Security

### Attribute Definition

Supply chain information systems properly protect data through an appropriate set of security controls.

### O-TTPS Reference

Section 4.2.1.7.

### Assessor Activity Tables

<b>SC_ISS.01</b>	Supply chain data shall be protected through an appropriate set of security controls.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_ACC.all
<b>Specific Requirements for Assessor Activities</b>	Supply chain data may include electronic transactions, orders, routing and transit information, and specifications.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	List of the types of supply chain data that are protected, list of associated security controls, examples of access controls on applications that process supply chain data

## 4.18 SC\_TTC: Trusted Technology Components

### Attribute Definition

Supplied components, whether hardware or software, are evaluated to assure that they meet component specification requirements.

Suppliers follow the supply chain security best practices with regard to supplied components (e.g., O-TTPS).



## O-TTPS Reference

Section 4.2.1.8.

### Assessor Activity Tables

<b>SC_TTC.01</b>	The quality of supplied components shall be assessed against the component specification requirements.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_RSM.02, PD_QAT.all
<b>Specific Requirements for Assessor Activities</b>	For Distributors and Pass-Through Resellers, where there is no value-add, they should at least be making sure that the component specifications which were ordered match what they are receiving from the supplier and delivering to the customer.
<b>Evidence of Conformance (Process)</b>	Quality assurance process, quality assurance process for third-party software, Software Development Life Cycle (SDLC) for external development
<b>Evidence of Conformance (Implementation)</b>	For supplied hardware components, this may include component specifications, component quality conformance reports, identification of high-risk components, etc.  For supplied software components, this may include output from the quality assurance process for third-party software, code review of supplied software components for development where access to source code is allowed, adherence to SDLC for externally developed software, etc.

<b>SC_TTC.02</b>	Counterfeit components shall not knowingly be incorporated into products.
<b>Assessment Type</b>	Process Evidence required
<b>Related Requirements</b>	PD_MPP.02, SC_RSM.all, SC_CTM.all
<b>Specific Requirements for Assessor Activities</b>	Note that it is not possible to assess whether the policy has been implemented. Use of an Approved Supplier List (ASL) may support the intention of the policy.
<b>Evidence of Conformance (Process)</b>	Policy on use of authentic components or policy to prevent the use of counterfeit components
<b>Evidence of Conformance (Implementation)</b>	None.

## 4.19 SC\_STH: Secure Transmission and Handling

### Attribute Definition

Secure transmission and handling of assets and artifacts during delivery is needed to lower the risk of product tampering while in transit to their destination.

### O-TTPS Reference

Section 4.2.1.9.

### Assessor Activity Tables

<b>SC_STH.01</b>	Secure transmission and handling controls shall be established and documented.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_ISS.01
<b>Specific Requirements for Assessor Activities</b>	Assessors should note that this requirement applies to both receiving components from upstream suppliers as well as delivering items downstream.
<b>Evidence of Conformance (Process)</b>	Risk management process, security controls, secure transmission and handling procedures
<b>Evidence of Conformance (Implementation)</b>	Photos reflecting CCTV use in manufacturing operations and product transfer locations, review of a portion of CCTV video to validate operation of CCTV, evidence of using encrypted transmission, secure File Transfer Protocol (FTP) server logs, secure packaging, trailer seals

<b>SC_STH.03</b>	Secure transmission and handling controls shall be designed to lower the risk of physical tampering with assets and artifacts that are physically transported.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	NOTE: The assessor is not required to determine the effectiveness of the controls themselves. NOTE: Assets and artifacts include products. NOTE: Physical transport includes movement inside or outside the factory/facility.
<b>Evidence of Conformance (Process)</b>	Risk management process, security controls, secure transmission and handling procedures

<b>Evidence of Conformance (Implementation)</b>	Secure packaging, security tape, shipping logs, badges, guards, bonded transport, photographic evidence, interviews with security staff
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<b>SC_STH.04</b>	Secure transmission and handling controls shall be designed to lower the risk of tampering with assets and artifacts that are electronically transmitted.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_CFM.05
<b>Specific Requirements for Assessor Activities</b>	The assessor is not required to determine the effectiveness of the controls themselves. NOTE: Secure handling also includes secure controls applied to data at rest.
<b>Evidence of Conformance (Process)</b>	Risk management process, electronic delivery process, security controls, secure transmission and handling procedures
<b>Evidence of Conformance (Implementation)</b>	Demonstrated use of encryption, secure FTP server logs, access controls, cryptographic hash verification, hash value comparisons

<b>SC_STH.05</b>	Secure transmission and handling controls shall be followed routinely.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_STH.01, SC_STH.03, SC_STH.04
<b>Specific Requirements for Assessor Activities</b>	NOTE: The assessor should look for evidence that the processes provided for SC_STH.01, SC_STH.03, and SC_STH.04 are carried out routinely. Refer to item 3 and item 10 in Section 3.1 (General Requirements for Assessor Activities) of this document.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	See SC_STH.01, SC_STH.03, and SC_STH.04

<b>SC_STH.06</b>	Secure transmission and handling controls for physically transported and electronically transmitted assets and artifacts shall be reviewed periodically by practitioners, including management, and revised as appropriate.
<b>Assessment Type</b>	Implementation Evidence required

<b>Related Requirements</b>	SC_STH.03, SC_STH.04
<b>Specific Requirements for Assessor Activities</b>	For assets and artifacts that are both physically transported and electronically transmitted, Implementation Evidence must be provided for each mechanism.
<b>Evidence of Conformance (Process)</b>	None.
<b>Evidence of Conformance (Implementation)</b>	Evidence that secure transmission and handling controls have been reviewed and, if revisions were found to be appropriate, updates were made to the controls

## 4.20 SC\_OSH: Open Source Handling

### Attribute Definition

Open source components are managed as defined by the best practices within the O-TTPS for Product Development/Engineering Methods and Secure Development/Engineering Methods.

### O-TTPS Reference

Section 4.2.1.10.

### Assessor Activity Tables

<b>SC_OSH.02</b>	In the management of open source assets and artifacts, components sourced shall be identified as derived from well-understood component lineage.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_CFM.02, PD_CFM.03, PD_DES.02
<b>Specific Requirements for Assessor Activities</b>	Verify that the lineage of open source components is tracked and identified in the development lifecycle tools.
<b>Evidence of Conformance (Process)</b>	Product development process
<b>Evidence of Conformance (Implementation)</b>	Records of component lineage derivation for the open source components

<b>SC_OSH.03</b>	In the management of open source assets and artifacts, components sourced shall be subject to well-defined acceptance procedures that include asset and artifact security and integrity before their use within a product.
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<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_CFM.06, PD_QAT.01, SC_MAL.all
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Product test process
<b>Evidence of Conformance (Implementation)</b>	Security and integrity checking might include activities such as checking hash values of included open source code, vulnerability analysis, and performing malware checks

<b>SC_OSH.04</b>	For such sourced components, responsibilities for ongoing support and patching shall be clearly understood.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_CFM.03, PD_PSM.all
<b>Specific Requirements for Assessor Activities</b>	From the Distributor or Pass-Through Reseller’s perspective, it might not be the “Organization’s” (in this case the Distributor/Reseller’s) point of contact, it might be a point of contact in the open source provider’s organization.
<b>Evidence of Conformance (Process)</b>	Product support policy
<b>Evidence of Conformance (Implementation)</b>	An Organization’s point of contact for customers to request support and patching, a list of such sourced components and their support contacts, examples of how such sourced components will be supported

## 4.21 SC\_CTM: Counterfeit Mitigation

### Attribute Definition

Practices are deployed to manufacture, deliver, and service products that do not contain counterfeit components.

Practices are deployed to control the unauthorized use of scrap from the hardware manufacturing process.

### O-TTPS Reference

Section 4.2.1.11.

### Assessor Activity Tables

<b>SC_CTM.01</b>	Instances of counterfeit activity relating to products shall be reviewed and an appropriate response sent.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	PD_MPP.02, SC_BPS.01, SE_VAR.02
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Counterfeit review and response policy
<b>Evidence of Conformance (Implementation)</b>	Records showing the monitoring of grey market activities, copies of portions of investigation reports and action plans upon counterfeit findings, records of appropriate response sent

<b>SC_CTM.02</b>	Proper disposal procedures upon end-of-life, for both hardware and software-bearing components and final products, shall be employed to protect from re-use in a counterfeit product, such as clearing data from hard drives, rendering a printed circuit board non-functional, etc.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	None.
<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Plan and process evidence for defining and communicating the moving of hardware and software-bearing components and final products through end-of-life stage
<b>Evidence of Conformance (Implementation)</b>	For hardware, this might include communications with customers and/or partners regarding return and disposal, clearing data from hard drives, rendering a PCB non-functional, etc.  For software, this might include sign-offs on end of life procedures, proper archiving of source code, etc.

<b>SC_CTM.04</b>	Techniques shall be utilized as applicable and appropriate to mitigate the risk of counterfeiting, such as security labeling, scrap management techniques, etc.
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_RSM.04. SC_PHS.all, SC_ACC.05

<b>Specific Requirements for Assessor Activities</b>	None.
<b>Evidence of Conformance (Process)</b>	Security controls: risk management process, anti-counterfeit controls
<b>Evidence of Conformance (Implementation)</b>	List of high-risk items that are subject to these controls, use of security labeling, scrap handling procedures, demonstrations of use of labeling and photo of labeling, demonstration of results arising from use of anti-counterfeit technology, demonstration/observation/photos of their use, holograms, inks, Radio Frequency Identification (RFID), checksum values, bill of materials validation, signature mapping, software download validation, etc.

## 4.22 SC\_MAL: Malware Detection

### Attribute Definition

Practices are employed that mitigate as much as practical the inclusion of malware in components received from suppliers and components or products delivered to customers or integrators.

### O-TTPS Reference

Section 4.2.1.12.

### Assessor Activity Tables

<b>SC_MAL.01</b>	One or more up-to-date malware detection tools shall be deployed as part of the code acceptance and development processes.
<b>Assessment Type</b>	Implementation Evidence required
<b>Related Requirements</b>	SC_CFM.04, PD_QAT.01
<b>Specific Requirements for Assessor Activities</b>	<p>The processes for this are described in the related requirements. The assessor should ensure that the acceptance criteria include malware detection.</p> <p>Since some systems may be proprietary or otherwise may not have commercial malware detection tools, this is a non-conformity and the rationale for this must be included in the assessment report.</p> <p>NOTE: This requirement is focused on software, including firmware but not pure hardware.</p> <p>NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.</p>
<b>Evidence of Conformance (Process)</b>	None.

<b>Evidence of Conformance (Implementation)</b>	Acceptance procedures requiring the use of malware detection tools, demonstration and/or copies of records showing application of malware detection tools to code in the development stage, up-to-date signatures being used in the detection tool
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<b>SC_MAL.02</b>	Malware detection techniques shall be applied where appropriate during the development, manufacturing, and/or integration process to mitigate against the inclusion of malware in the final product (e.g., scanning finished components and/or products before they are provided to a customer for malware using one or more up-to-date malware detection tools).
<b>Assessment Type</b>	Process Evidence and Implementation Evidence required
<b>Related Requirements</b>	SC_CFM.04, PD_QAT.01, PD_QAT.03, PD_PSM.01
<b>Specific Requirements for Assessor Activities</b>	<p>The processes for this may be described in the related requirements. The assessor should ensure that the criteria for release include malware detection.</p> <p>NOTE: This requirement is focused on software, including firmware but not pure hardware.</p> <p>NOTE: For Distributors and Pass-Through Resellers, where there is no value-add, this requirement is not applicable.</p>
<b>Evidence of Conformance (Process)</b>	Quality assurance process
<b>Evidence of Conformance (Implementation)</b>	Release procedures requiring the use of malware detection tools, demonstration and/or copies of records showing application of malware detection tools before final packaging and delivery



## **A Assessment Guidance**

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This appendix contains guidelines that are not mandatory, but should be read, understood, and considered by assessors when doing O-TTPS assessments.

### **A.1 Guidance**

There are many security mechanisms that may be used and referenced in the Evidence of Conformance; e.g., digital signatures, encryption, hashing, and bound mechanisms. It is suggested that mechanisms employed by the Organization should be related to the risk analysis of the medium and environment in which the release is made.

The assessor's records should contain supplementary information about the assessment methodology used for each requirement, such as: who was interviewed (names and roles), on what topic, what evidence was reviewed, evidence identifier, date, and location of the interview, whether the location was physical or virtual.

## B Assessment Report Template

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This appendix contains the Assessment Report Template.

**Table 1: Assessment Report Template**

<b>Organization</b>	
<b>Authorized Signatory of the Organization</b>	
<b>Report Submission Date</b>	
<b>Acceptance Date</b>	
<b>Assessment Organization Name and ID</b>	
<b>Assessment Team Leader Name and ID</b>	
<b>Assessors who participated in the Assessment</b>	
<b>Version of the Standard to which the Organization is Certified</b>	
<b>Assessment Team Recommendation</b>	
<b>Designated Certification Authority Individual</b>	
<b>Approved Assessment Outcome</b>	

## Glossary

Refer to the O-TTPS, Part 1: Requirements and Recommendations (see [Referenced Documents](#)).

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