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Suspect Counterfeit EEE Process Flow Diagram		Supplier Quality		i

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# 1 Overview

This flow is designed to illustrate the mechanism to address Viasat's potential suspect EEE Counterfeit Prevention Program.

# 2 Purpose and Scope

#### 2.1 Purpose

This document is designed to illustrate the mechanics of potential suspect counterfeit EEE procurement, without sharing company intellectual property. This documented process is needed to suffice as a suitable document for customers (Commercial or Government) requesting Viasat's counterfeit prevention program detail. This document can be used by Quality Engineering, Supplier Quality and Supply Chain for reference.

#### 2.2 Scope

This process illustrates the various owners and responsibilities to support how Viasat executes the processing and detection of potential suspect EEE component material and materiel. The key owners include Viasat Supplier Quality, Supply Chain with Viasat component engineering when EEE material with lost chain of custody is encountered in the supply chain. The Supply Chain and Electronics Manufacturing Services (EMS) would employ the approved Non-Franchised Distributors and authorized dedicated Validation Test Laboratories. This document could also be used as a summary overview for internal training purposes in support of Viasat's counterfeit prevention program (CPP). The company point of contact for out CPP or the designee would perform this kind of training.

#### 2.3 Inputs & Outputs

This document illustrates the entire process of CPP starting from the mindset priority of EEE procurement from root of trust sources of supply (i.e. Original Component Manufacturers/Original Equipment Manufacturers, Franchised Distributors and Aftermarket Manufacturers). When EEE material that has lost chain of custody, through EOL or hard to find scenarios, this process is applied to prevent potential suspect counterfeit EEE from being installed into deliverable products. After rigorous receiving and inspection/test process a Authentication Validation Test Report is produced for approval (or rejection) by Viasat supplier quality engineering or product quality engineering.

# 3 Authority, Responsibility and Participants

#### 3.1 Authority

This process will be updated and maintained by the Viasat corporate CPP manager and point of contact within the Supplier Quality Group.

#### 3.2 Responsibility

Supplier Quality, specifically the EEE counterfeit prevention point of contact person has the responsibility for the Counterfeit prevention program guidance, selection of service suppliers, conducting audits, program training and interpretation of the related standards.

#### 3.3 Participants

Viasat Supply Chain, Program Management, Product Quality Engineering, Supplier Quality and Component Engineering are the primary stakeholders for this process. Externally, the outsourced Non-Franchised Distributors, Authentication Test Laboratories and approved Aftermarket Manufacturers will cumulatively engage in this process directly or indirectly.

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# 4 Process Flow Diagram(s)

asat program to address potential Suspe	ct EEE material – Process Flow Introduct	ion
Viasat Supply Chain and/or Viasat EMS Supply Chain – Requirements/Standards flowdowns	Activity – Responsibility of Non-Franchised Distribution -Standards, Certifications and Memberships	Activity – Responsibility of Authorized Authentication Test Laboratories – Standards, certifications, memberships
Activity in this swimlane – Responsibility – for Viasat to apply general potential suspect EEE counterfeit program	Activity in this swimlane – Responsibility – for Viasat Non- Franchised Distributors to procure and inspect EEE Material	Activity in this swimlane – Responsibility – for Viasat Authentication Test Laboratories to inspect and additionally test EEE Material

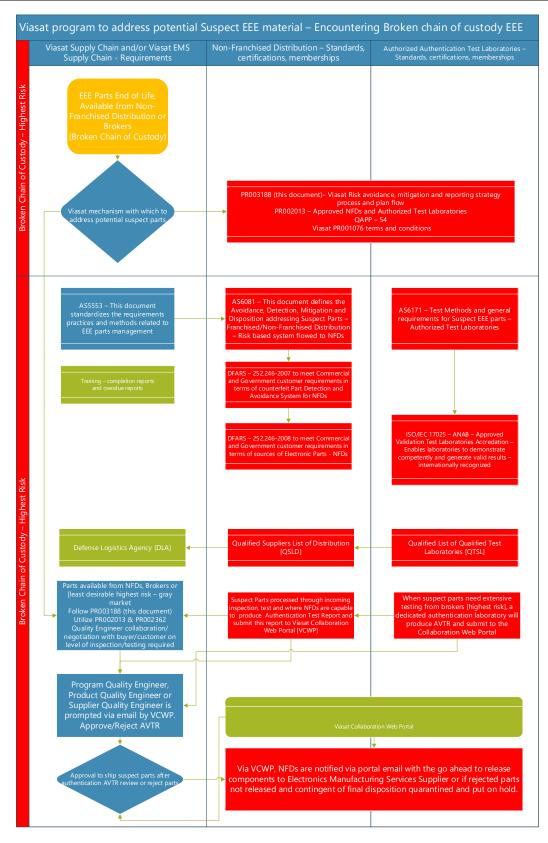
# Figure 1 - Introduction to Framework

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/iasat program to address Potential Suspect EEE material – Emphasis on OCM material				
Viasat Supply Chain and/or Viasat EMS Supply Chain – Requirements/Standards flowdowns from customer	Non-Franchised Distribution – Standards, certifications, memberships	Authorized Authentication Test Laboratories – Standards, certifications, memberships		
Mindset – Specify to procure EEE from OCM, OEM, Authorized Aftermarket Manufacturers and Franchised Distributors   Image: Component Manufacturer – Intel, Micron, Xilinx, Qualcomm, etc.   Image: Component Manufacturer – Intel, Micron, Xilinx, Qualcomm, etc.   Image: Component Manufacturer – Intel, Micron, Xilinx, Qualcomm, etc.   Image: Component Manufacturer – Noriginal Equipment Manufacturer - Sentex Corp, Kennametal Inc,Corning Glass, Keyence Laser, etc.   Image: Component Manufacturer – Rochester Electronics – (takes OCM die and creates new old parts, reverse engineering of EOL parts with OCM IP agreement)   Image: Component Manufacturer – Rochester Electronics – EEE/Material Distributors that have agreements with OCMs to buy large quantities of material and make available smaller quantities over time to Viasat sized companies.   Image: Distributors – Materiel: AS6174   For ol non-EEE materiel (cog, Fosteners, point etc) the Seler sholl only source or purchase either from on OM directly or from one of the OEMs authorized distributors (PR001076)				
EEE Parts End of Life, Available from Non- Franchised Distribution or Brokers (Broken Chain of Custody)				

Figure 2 - OCM Framework

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# 5 Record Management

Authentication Validation Test Reports will be submitted into the Viasat Collaboration Web Portal where reports are stored in a repository, only available internally to Viasat.

# 6 Training

Training will be conducted every two years (for regular employees) and initially for new hires onboarded to Viasat.

### 7 References

PR002013 – List of Approved Non-Franchised Distributors, Aftermarket Manufacturers and dedicated Authentication Test Laboratories.

# 8 Acronyms, Abbreviations and Definitions

- AVTR Authentication Validation Test Report
- CPP Counterfeit Prevention Program
- DFARS Defense Federal Acquisition Regulation Supplement
- DLA Defense Logistics Agency
- EOL End of Life
- EEE Electronic, Electrical, Electro-Mechanical
- NFD Non-Franchised Distributors
- OCM Original Component Manufacturer
- OEM Original Equipment Manufacturer
- POC Point of Contact
- VCWP Viasat Collaboration Web Portal