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# AEROSPACE STANDARD

**AS6030™** **REV. A**

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Superseding AS6030


## (R) Interface Standard, Common Interface Control Plan

RATIONALE

This standard was developed by SAE International. It defines a generic interface control plan that would be used to govern a process to manage an interface between system components. This standard includes guidance for the relationship between the various involved parties, the documents required to manage the data set and the associated processes. It is intended for use as a template to prepare the system specific system interface control plan.

Revision A was generated to update the document with experience gained during the first application. It increases the flexibility in cases where an enterprise decides to participate in the interface control process.

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# 1. SCOPE

## 1.1 Scope

This Common Interface Control Plan (CICP) establishes the methodology for developing, controlling, and managing the technical interfaces between and within systems. An interface defines the interaction at a defined point between entities to achieve a combined system capability. A common interface defines the shared interaction between multiple systems on either side of the interface.

The document is not intended to directly control any other aspects of program management, such as matters of contractual, financial, or those of an intellectual property rights nature. Members in the interface control process include: procurement authorities, design authorities, and other related agencies as defined in the specific System Interface Control Plan (SICP). For the purposes of this plan, only the terms Procuring Organization and Producing Organization will be used. This plan is predicated upon formal agreements between participating organizations that provide:

1. Authority to participate in Interface Control Working Group (ICWG) and decision-making processes.

2. Primary interface control, interface problem resolution, and interface impact assessments through the ICWG.

3. Higher level interface management under the purview of the appellate process as defined by this document and in the SICP.

## 1.2 Purpose

The purpose of this CICP is to define the roles, responsibilities, policies, and procedures to be implemented to control the development and refinement of the System Data Set (SDS). This CICP stipulates the policies and procedures required to manage interface control and assure compatibility between system components. This plan defines the SDS and its developmental, change, and control requirements. This plan further defines the roles and responsibilities of the ICWG, IMB, and any higher levels of the appellate process members (e.g., ICSG).

This CICP standard provides the framework for definition of the System Interface Control Plan (SICP). The developer of the SICP tailors this CICP to the specific needs of the system interface to be developed. The SICP developer can be a procuring or producing organization depending on the extent of interfacing elements (cross organization, cross service, cross country, etc.). The SICP should be approved by organizations of sufficient level to assure compliance across the interfacing elements.

## 1.3 Application

This standard applies to interfaces between and within systems requiring development, control, and management. This standard may be applied to existing systems when they are being revised.

# 2. REFERENCES

## 2.1 Applicable Documents

### 2.1.1 General

This section is intended to list standards and other documents as referenced in the SICP for guidance. The sections below provide a template for Section 2 of the SICP.

### 2.1.2 Government Documents

The following government documents form a part of this document to the extent specified herein.

As required