

Single Source Hardware Suppliers

1.0 Single Source Hardware Suppliers (SSH)

1.1 General Description

Single Source Hardware Suppliers measures the percentage of the organization's suppliers which are the single source of a critical hardware component, subassembly, or system.

1.2 Purpose

This measurement is used to assess the exposure of the organization's supply chain to critical single source suppliers.

1.3 Applicable Business Categories

This measurement applies to all business categories.

1.4 Detailed Description

- a) Terminology
 - Critical Supplier – A supplier whose product or service has a critical impact on the organization's product or service.
- b) Counting Rules
 - 1) The organization shall determine which hardware suppliers are critical.
 - 2) The organization shall determine which of those critical suppliers are the only approved and available source of that hardware.
- c) Counting Rule Exclusions
 - 1) Suppliers which do not provide critical hardware.
 - 2) Suppliers of hardware for which there is another approved and available source.
 - 3) Suppliers which are specified by the organization's customer.

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d) Calculations and Formulas

Table 1-1 SSH Notation

Identifier	Business Categories	Definition
SSHc	All	Number single source critical hardware suppliers
SSHd	All	Total number of critical hardware suppliers

Table 1-2 SSH Measurement Identifiers and Formulas

Identifier	Title	Formula	Note
SSH	Single Source Hardware Suppliers	$100 \times (\text{SSHc} / \text{SSHd})$	% not completed on time

e) Reported Data and Format

- 1) Monthly data shall be reported per the frequency and method noted in the SCS 9001 Data Reporting System documentation.
- 2) The SSH measurement shall be reported for each month and each business category with data elements as shown in Table 1-3.

Table 1-3 SSH Data Table

Identifier	Value
MeasurementID	SSH
SSHc	Number single source critical hardware suppliers
SSHd	Total number of critical hardware suppliers

1.5 Sources of Data

Data for the SSH measurement are derived from

- 1) the organization's supplier information

1.6 Example Calculations

TBD