

## Hardware Integration Services

The Hardware Open Systems Technology (HOST) Hardware Integration Tool Set (HHITS™) is a web-based Model Based System Engineering (MBSE) tool that models hardware systems built using standards such as HOST, SOSA™, and OpenVPX™.

Using an innovative graphical user interface, engineers perform integration by:

- searching and selecting hardware modules from the integrated repository
- virtually integrating modules
- identifying integration issues by applying rule sets
- mitigating issues
- capturing the design details

All of this is done prior to acquiring any hardware, saving time and money.



## Key Features

- Web-based tool for instant access
- A repository of hardware components to search and use for building a hardware system
- A repository of rules (requirements) that a hardware configuration can be evaluated against
- Visual indications of incompatibilities
- Report generation
- Top-down or bottoms-up integration
- Supports the full hardware integration lifecycle from design to sustainment

SOSA™ is a registered trademark of The Open Group in the United States and other countries

## Benefits of Using HHITS™

### System Integrators

- Don't have to analyze hundreds of pages of hardware specifications, but rather search the component database



- Virtually design a hardware system and mitigate any incompatibilities before purchasing hardware
- Save system configurations and share with other integrators, program managers, and procurement officers
- Perform “what-if” scenarios for technology refresh opportunities

### Program Managers

- Visually see the status of a system build and how it is meeting the system requirements
- Share a system configuration with other programs

### Procurement Officers

- Utilize built in repository to streamline the acquisition process.
- Perform simplified obsolete module replacement.

