To	SDL Subcommittee	**Date**	April 6, 2021
From	Scott L. Smith smitty@sae-itc.org tel +1 443-221-8372	**Reference**	21-999/SMA-215 lth

Subject **Meeting Announcement**
Software Distribution and Loading (SDL) Subcommittee

Co-Chairmen Ted Patmore, Delta Air Lines
Chris Kuske, Teledyne Controls

When **May 5, 2021**

Meeting Times	US Pacific	US Eastern	Central European
Start	0800	1100	1700
Adjourn	1000	1300	1900

Host This meeting will be 100% virtual. Details to be provided to those who register.

Instruction Please notify ARINC Industry Activities of your intention to attend by registering online at: *http://www.aviation-ia.com/events/.*

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Scott Smith. Any material to be circulated prior to the meeting should be submitted via e-mail to Scott Smith by **April 30, 2021.**

A detailed agenda will be provided one week prior to the meeting.

Activity Scope The SDL Subcommittee's objective is to develop standards for software distribution and loading. This includes continued development of high-speed data loaders, high-density storage media, and loading protocols. The SDL Subcommittee prepares and updates standards for file format, media type, part numbering, distribution, and terminology.

This subcommittee also defines the interfaces between the software data loader and the target hardware. The SDL Subcommittee sets standard formats for Loadable Software Parts (LSPs) so that all the requirements of configuration management of LSPs may be accomplished.

Meeting Objectives

The primary goal of the meeting is to evaluate comments and inputs intended for inclusion in **ARINC Project Paper 851:** *Software Ground Systems for e-Enabled Aircraft.* This work is chartered by APIM 16-015A.
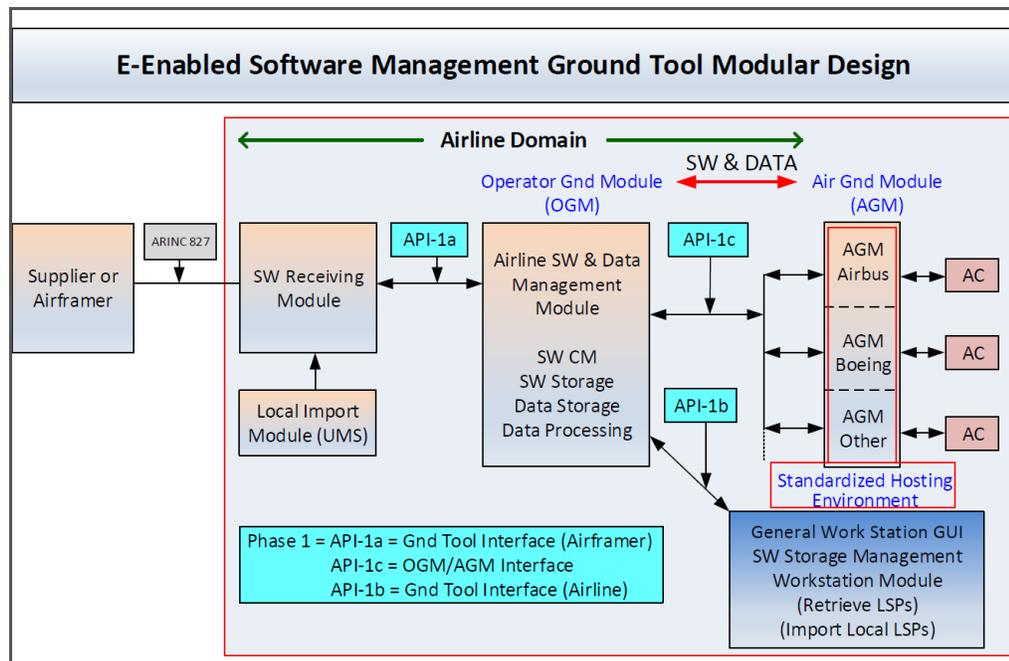
The SDL Subcommittee will discuss the work of standardizing software management ground systems such that an airline or operator could use one ground system for any manufacturer's aircraft.

Airframe manufacturers have different systems, requiring airlines that utilize fleets from multiple manufacturers to install and support divergent software management suites. The resulting cost and resources required is not insignificant.

Having a hosted solution that supports this standard is also desired. Some airlines and operators do not have or want the capability to host the IT infrastructure required to support e-Enabled aircraft.

The discussion will continue documenting features of one or more Application Program Interfaces (APIs) that are envisioned to work with more than one software supplier through a single, standardized function through potentially multiple backplane services.

The SDL Subcommittee will define the airline domain of software distribution, storage, and management as illustrated by Figure 1.

Figure 1 – Modular e-Enabled Ground Support System

cc   SAI Subcommittee