



**To** SDL Subcommittee **Date** January 3, 2019

**From** Scott L. Smith **Reference** 18-999/SMA-106 kpp  
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**Subject** **Meeting Announcement**  
**Software Distribution and Loading (SDL) Subcommittee**

**Chairman** Ted Patmore, Delta Air Lines

**When** February 19-21, 2019  
Tuesday-Wednesday from 0900 to 1700  
Thursday from 0900-1300

**Host** American Airlines is hosting the SDL Subcommittee meeting. They have made arrangements for the meeting space.

**Where** Meeting Location  
**American Airlines Training & Conference Center**  
Meeting Room: TBD  
4501 Highway 360 South, MD 929  
Fort Worth, Texas 76155 USA  
Tel: (817) 956-1000  
Fax: (817) 956-6101  
Travel information is provided later in this AEEC meeting announcement.

**Hotel** American Airlines, the meeting host, may have rates for employees or guests with business at their training center. SDL Subcommittee attendees are advised to call hotels directly to inquire about reservation details.

**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 intended to be circulated prior to the meeting should be submitted before February 15, 2019. The agenda will be finalized 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. All standards are device agnostic and can be used on all data loading devices.

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

The work of this subcommittee allows common tools to be used for the transfer of LSPs from the airline to the target hardware, whether it is installed onboard the aircraft or on the test bench.

## Meeting Objectives

### **ARINC Project Paper 851: *Software Ground Systems for e-Enabled Aircraft***

The SDL Subcommittee will continue work standardizing software management ground systems such that an airline or operator could use one ground system for any manufacturer's aircraft. This work is chartered by APIM 16-015.

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 (API) that are envisioned to work with more than one software supplier through a single, standardized function through potentially multiple backplane services.

This project is expected to be mature in October 2019.

### **Supplement 5 to ARINC Report 665: *Loadable Software Standards***

The SDL Subcommittee will continue work on updating the document and harmonizing the software guidance with:

- **ARINC Report 645: *Common Terminology and Functions for Software Distribution and Loading***
- **ARINC Specification 641: *Logical Software Part Packaging for Transport***
- **ARINC Specification 843: *Aircraft Common Configuration Reporting***

The work is being performed under APIM 18-004. This project is expected to be complete April 2019.

**Supplement 1 to ARINC Specification 843: *Aircraft Common Configuration Reporting***

The SDL Subcommittee will review inputs to Supplement 1 to ARINC Specification 843. This includes clarifying system attributes for some of the XML elements key to data reporting.

The work is being performed under APIM 18-005. This project is expected to be complete April 2019.

**Travel  
Information**

**American Airlines Training & Conference Center**

The meeting site is located 1 mile south of the Dallas-Fort Worth International Airport (DFW). Please make your own air, ground, and hotel arrangements.

Below are directions directly from DFW Airport to the American Airlines Training Center:

1. Take the South Exit out of the airport through the toll booths
2. Take the Highway 360/Arlington exit, which bears to the right
3. Exit 1/4 mile onto access road FAA Blvd
4. Continue to the four-way stop; go straight through the intersection
5. Proceed 500 yards; make a right through the main gate

See Attachment 1 for building maps to locate the meeting room.

**cc**

SAI

# Attachment 1

**American Airlines Training & Conference Center**  
4501 Highway 360 South, MD 929, Fort Worth, TX 76155  
Phone: (817) 956-6073 Fax: 817-956-6101

**February 19-21, 2019**

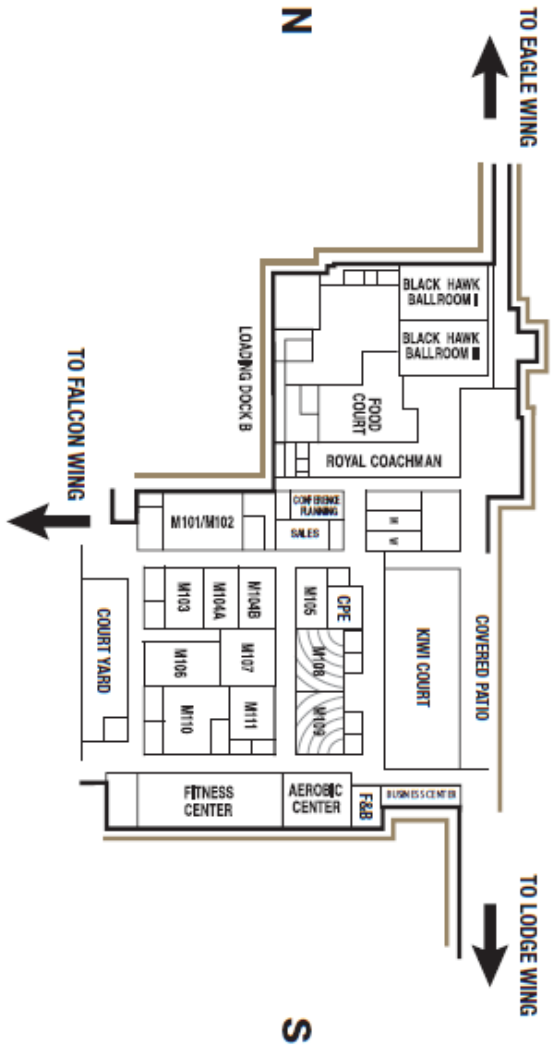
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