



To Software Data Loader Subcommittee **Date** June 21, 2010

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Subject **Meeting Announcement**
AEEC Software Data Loader (SDL) Subcommittee

When August 16-19, 2010, from 0900 to 1700

Where Meeting Location

The meeting will take place at the Hotel Vintage Plaza in Portland, Oregon.

Hotel Vintage Plaza
422 SW Broadway
Portland, Oregon, 97205, USA
800-263-2305
503-228-1212

<http://www.vintageplaza.com/index.html>

The meeting is about 15 miles from the Portland Oregon International Airport.

Instruction **Hotel Reservation:** The meeting will be held at the Hotel Vintage Plaza in Portland, Oregon. The hotel has a nightly room rate of \$119 USD for the SDL meeting attendees. Please make your reservations by July 16, 2010, by calling the hotel in-house reservations direct, and mention any of the following keywords:

- ARINC0815 – Note: (zero-815)

Reservations can also be made through this hotel web link:

Vintage Plaza Web Reservations - ARINC

Guests staying at the Vintage Plaza will receive a discounted parking rate of \$20 USD per day at a parking garage nearby.

Please notify ARINC Industry Activities of your intention to attend the SDL meeting by registering online at:

<http://www.aviation-ia.com/events/>

Note: The hotel reservation cutoff date to obtain the group rate of **\$119 USD** is **July 16, 2010**.

Dress code for this meeting is business casual.

Comments or questions regarding any of the SDL agenda items are invited. If you wish any material to be circulated prior to the meeting, please submit your proposals via e-mail to Scott Smith by **August 12, 2010**.

The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Scott Smith. The agenda will be finalized one week prior to the meeting.

Meeting Objectives

Software Data Loader Subcommittee

The SDL will continue work on **ARINC Project Paper 838: *Data Loading Using XML Software Parts***. The SDL Subcommittee will review the matrix of header files for use in XML metadata structures, develop descriptors for each header element, and further develop the document. The subcommittee will review plans and timetables for this project.

The SDL will continue work on **ARINC Project Paper 835: *Security of Loadable Software Parts***. The group will continue review of the existing methods of software security currently used by aircraft manufacturers and airlines. The draft will continue documenting and adding descriptive material to describe security processes with regard to loadable software parts. The subcommittee will review plans and timetables for this project.

Monday, August 16, 2010, will be dedicated to discussing data transfer and loading using Controller Area Networks. The group will review APIM 10-008 for **Supplement 1 to ARINC Specification 826: *Software Loading Using CAN Interface*** to develop a work plan for required changes and new material. Additional discussions will include discussions on a gateway device to transfer data between networks with dataloading functionality.

The SDL will continue discussion of future data loader issues, to include the proposed updating of ARINC Standards 615, 615A, and 665.

Meeting Schedule

Monday

1. Introductions
2. Review the report of the previous meeting and actions items
3. Discussion of Controller Area Networks protocol translation issues
4. Discussion of CAN Gateway devices, single point dataloading, and off aircraft dataloading
5. Document work plan for ARINC Specification 826-1

Tuesday

1. Discuss ARINC Project Paper 835 on security of loadable software

Wednesday

1. Discuss ARINC Project Paper 838 on data loading using XML

Thursday

1. Discuss APIMs for ARINC Standards 615, 665
2. Review action items and set date and place for next meeting

**Travel
Information**

Portland International Airport (PDX) is the closest airport.

Please make your reservations with the hotel by July 16, 2010. Travel from the airport to the hotel is not provided, but is accessible by taxi or light rail. Please make your own air and ground transportation arrangements.

cc

FLS Working Group, NIS Subcommittee, CAN Technical Working Group