

CR Number: 4760

**External
Reference:**

Category: CVISN - National ITS Architecture

Component: CVISN Architecture and Standards

Synopsis: Update CVISN Architecture to keep pace with changes to the National ITS Architecture (Versions 5.1 and 5.1.1).

Status: Open

Disposition: [2006-09-22] Open for 30-day comment period.

Description: Description:

The CVISN Architecture document should be updated to align with changes made in Version 5.1.0 and 5.1.1 of the National ITS Architecture. The changes include:

1. Architecture flow trip identification number was replaced by trip identification number input from CV Driver to CVSAg(CVS). (Version 5.1)

2. Version 5.1 of the National ITS Architecture organized the functional requirements by Equipment Package (EP) and added them to the physical architecture database and hypertext. In connection with those changes, the descriptions for these Equipment Packages were revised: Credentials and Taxes Administration, CV Information Exchange, CV Safety Administration, International CV Administration, Citation and Accident Electronic Recording, International Border Crossing, Roadside Electronic Screening, Roadside HAZMAT Detection, Roadside Safety and Security Inspection, Roadside WIM, On-board Cargo Monitoring, On-board CV Electronic Data, On-board CV Safety and Security, On-board Driver Authentication, On-board Trip Monitoring, Vehicle Location Determination, Vehicle Mayday I/F (name modification as well), Vehicle Probe Support, Vehicle Toll/Parking Interface, Fleet Credentials and Taxes Management and Reporting, Fleet HAZMAT Management, Fleet Maintenance Management, Freight Administration and Management, and Manage CV Driver Identification. The revised EP descriptions clarify the functions assigned to each package.

3. Updated terminator description: Alerting and Advisory Systems

4. Updated ITS Standards Information (5.1.1) "The ITS standards area was updated to make it consistent with the new ITS Standards Program website. Many minor changes were made to the ITS standards information so that the two sites are completely consistent in the standards information that is presented. Changes were made to standards document numbers and standards titles and several standards were added/removed to match current ITS standards activities. The DSRC 915 Mhz standards group description was updated to reflect feedback from the CVO community." Further analysis required to determine if these changes impact the CVISN architecture.

Fix: Update the CVISN Architecture document to match the new flow name, equipment package descriptions, and terminator description.

[2006-09-22] Presented at the 9/21/06 ACCB meeting.

Attendees recommended that this be approved. The CR will be posted to the CVISN System Architects' listserv for an additional 30-day comment period.

IMPACT SUMMARY:

ACCB Items:
1. CVISN Architecture Document

Fix:

Comment:

**Attachment
names:**

Responsibility:

Modified Time: 9/22/2006 6:47:31 AM

Modified By: Magnusson Nancy C.

Entered On: 9/15/2006 10:00:15 AM

Entered By: Magnusson Nancy C.

Severity: Medium

Priority: No

Type: Adaptive Change

Closed On: