

**Minutes**  
**CVISN Architecture Configuration Control Board**  
16 November 2006

**Attendees:**

Joe Foster (DC)	Steve Hila (NJ)	Bill Giuffre (CSI)
Chris Campbell (ID/Iteris)	Ron Nuel (NJ)	Rick Schulte (CSI)
Jason Dunlap (LA)	Steve Trudell (NY)	Jennifer Dobaczewski (RL Polk)
Cathy Beedle (NE)	Bob Hale (OK)	Gary DeRusha (Volpe)
John Casteel (NE)	Lynne Jones (OK)	Jingfei Wu (Volpe)
Keith Dey (NE)	Jim Leamon (OR)	Val Barnes (APL)
Beth Hartley (NE)	Pete Mason (OR)	Nancy Magnusson (APL)
Gina Johnson (NV)	Hal Rumpca (SD)	Sandy Salazar (APL)
Jim Rhode (NV)	Tammy Duncan (TX)	Mary Stuart (APL)
Doug Wells (NV)	Doug Deckert (WA)	
Doug Deacon (NJ)	Kris Weaver (ACS)	

A meeting of the CVISN Architecture Configuration Control Board (ACCB) was held 16 November 2006. The list of Change Requests (CRs) that were discussed was distributed to the ACCB members via e-mail prior to the meeting. CRs reviewed at the meeting are attached to these minutes.

Action items assigned appear in the relevant section of the minutes. Comments or corrections to these minutes or the CRs should be sent to Sandra Salazar ([sandra.salazar@jhuapl.edu](mailto:sandra.salazar@jhuapl.edu)).

Items that the ACCB recommends submitting to FMCSA for approval are noted below the action item list. In the attached list of CRs discussed at the meeting, the "Description" section of each CR summarizes the discussion and reflects changes to the CR.

The ACCB minutes and architecture CRs are posted on the Change Request page of the CVISN Web site: <http://cvisn.fmcsa.dot.gov>.

For those who wish to join the CVISN System Architects' listserv, please contact Mary Beth Dill, [mdill@wvadmin.gov](mailto:mdill@wvadmin.gov) and ask her to add you to the list. The URL for the listserv Web site is: [http://listserv.wvnet.edu/archives/cvisn\\_sysarchitects.html](http://listserv.wvnet.edu/archives/cvisn_sysarchitects.html).

The URL for the ACCB Collaboration site is <https://partners.jhuapl.edu/BA/hp/cvisn/ACCB>. To get a password for the CVISN Collaboration SharePoint site, contact Nancy Magnusson ([nancy.magnusson@jhuapl.edu](mailto:nancy.magnusson@jhuapl.edu)).

The next meeting will be held **14 December 2006** at 2:00 PM Eastern.

### **Discussion Items**

**SAFER CVIEW Interface Re-certification.** States should contact Volpe ([FMCTechsup@volpe.dot.gov](mailto:FMCTechsup@volpe.dot.gov)) as soon as they are ready to recertify. **This must be accomplished by the end of calendar year 2006.** Only the XML transactions the state is

currently using need to be recertified with SAFER. There is no schema change needed. Volpe will post the recertification process on the CVISN Web site, e-mail it to ACCB members, and post it to the CVISN System Architects listserv.

Thus far, the following states have been recertified: AR, MI, MN, and CT.

**This will remain an additional topic to remind states that they need to recertify by the end of the year.**

**ACCB Focus Groups.** Doug Deckert (WA), champion of the E-Screening Focus Group, and Mary Stuart reported on the Group's telecon on 11/14. Thirty-three people, including representatives from at least 13 states, participated in the telecon. The consensus on this call was that the states want to see any data that is collected from carriers that can be used for screening. A CR will be submitted to request addition of a data element to the registration data in SAFER to enable uploading and tracking of non-authoritative data for e-screening purposes. At the ACCB meeting, NE requested that the subscription capability allow a state to opt-out of receiving non-authoritative data. There was discussion of the need to prevent a state from sending data to SAFER on behalf of a state that is itself sending data to SAFER. Doug also brought up the question of whether a record would be labeled non-authoritative if some but not all of the data elements were supplied by the base state.

As homework for the next teleconference, the group will review the T0022 mandatory and optional fields table again, look at the T0028 transaction, summarize items they use for screening, and identify any additional data elements. Information about the E-Screening Focus Group is available on the ACCB page of the CVISN Collaboration SharePoint site.

**CVISN Architecture Document.** A marked up draft of this document and the associated Flow Diagram have been posted to the CVISN\_Arch document library on the CVISN Collaboration SharePoint site. This document has been the subject of five recent CRs:

- CR 4760 – Synopsis: Update CVISN Architecture to keep pace with changes to the National ITS Architecture (Versions 5.1 and 5.1.1).
- CR 4762 – Synopsis: Slightly expand scope of CVISN Architecture document.
- CR 4763 – Synopsis: Add source and destination equipment packages for CVISN architecture flows.
- CR 4764 – Synopsis: Eliminate distinction between wireline and wireless lines on CVISN Architecture Flow Diagram.
- CR 4778 – Synopsis: Update CVISN Architecture to better address Expanded CVISN capabilities

After coordination with the National ITS Architecture team has been completed, the document will be delivered to FMCSA. Comments may be sent to [valerie.barnes@jhupl.edu](mailto:valerie.barnes@jhupl.edu).

**SAFER Issues.** John Casteel (NE) brought forward to Volpe a number of recent problems with SAFER data availability.

## **CR Discussion**

1. **(New Architecture CR 4788) SAFER CR 1386 – Synopsis:** Vehicle License Plate transferred to another vehicle.

**Summary:**

The business case is that a registrant transfers a license plate from a vehicle (vehicle A) previously in their fleet to a vehicle (vehicle B) that was not in SAFER already. Currently, changes to the SAFER Vehicle Registration Table differ, depending on whether the change was submitted via the CVISN XML or the PRISM PVF method.

When the transfer is made via the XML T0022 IRP Registration (Cab Card) transaction, SAFER updates the registration record for that plate by replacing the vehicle A registration data with vehicle B data. Vehicle A's registration data is no longer in any record. Therefore, a query using state/license plate number will return the one updated vehicle registration record that shows vehicle B's data.

When the transfer is made via the PVF method, a new registration record for vehicle B with the new license plate number is created. Thus, PRISM is able to access both vehicle registration records.

**Proposal:**

The CVISN/PRISM subcommittee of the ACCB recommends that SAFER be changed so that the processing for a license plate transfer via an XML transaction is the same as the processing for a transfer via PVF.

**Discussion:**

With the restructured SAFER tables and the anticipated capability of requesting subscriptions based on last update date, states will have the option of receiving both records or just the most recent record. (A new CR will be written to allow this selection via the subscription process. This would support SAFER CRs 50 and 1386. See #5 below.) Many states have said they want to see both records and let the roadside folks figure out which one is current, while other states say they only want to see the most recent.

2. **(New Architecture CR 4789) SAFER CR 1387 – Synopsis:** Implement capability to process unified carrier registration information.

**Summary:**

Unified Carrier Registration (UCR) is being established to replace the Single State Registration System (SSRS). The FMCSA program office has committed to the UCR board to provide a capability to store the states' UCR registration fee into a centralized application and to display the UCR registration status to the roadside. The current recommendation is to leverage SAFER's architecture to store the UCR information and display to the roadside via Query Central and ISS. According to the requirement, SAFER needs to implement an input transaction using Web service technology to process the UCR data uploaded from states and store it in the SAFER database.

Discussion:

Volpe will need to provide interface control documentation and to implement a certification process with states' UCR systems.

The next step will be for the staff to discuss requirements with the UCR board. This is expected to happen before the end of November 2006. It has not yet been determined whether this change would involve a change to an existing XML transaction or creation of a new transaction type. Jingfei Wu will give an update on the UCR board meeting at the December ACCB meeting.

3. **Architecture CR 66 (SAFER CR 1082) – Synopsis:** Diesel Emissions Data in Inspection Reports and Snapshots

Discussion: No states have expressed an interest recently in pursuing the addition of diesel emissions data in inspection reports and/or snapshots. It has been suggested that this CR be closed.

4. **Architecture CR 733 (SAFER CR 16) – Synopsis:** Need for permit snapshots.

Discussion: Several months ago, Terri Ungerman collected data requirements for hazmat permit snapshots. Some states have expressed an interest in OS/OW and other types of regional permit snapshots. Other states have said they are not interested in any type of permit snapshots for e-screening. It was suggested that this CR needs a State champion to develop the requirements.

5. **Architecture CR 2562 (SAFER CR 50) – Synopsis:** Request to review SAFER business rule regarding multiple VINs

Discussion: The CVISN/PRISM subcommittee of the ACCB recommends that this CR be approved to allow more than one registration record per VIN within the same jurisdiction. Recent changes to the SAFER database structure would accommodate this change. Volpe also noted that there should be a CR written to implement a capability for a state to select to receive the most recent record or all records via the subscription process. This would support SAFER CRs 50 and 1386.

6. **Architecture CR 3670 (SAFER CRs 143, 302, 348) – Synopsis:** Develop a Business Use Case for E-screening Enrollment and Transponder ID Management

Discussion: Volpe has not completed development of a Business Use Case for e-screening enrollment and transponder management, and it was requested that they participate in the E-Screening Focus Group.

7. **Architecture CR 4651 (SAFER CR 705) – Synopsis:** Implement VIN, IRP Account and IFTA Account validation for SAFER XML Service input transaction

Discussion: This CR was originally part of CR 3013. Listserv comments to CR 3013 will be reviewed and this CR will be discussed at the December ACCB meeting.

### **Action Items from ACCB Meeting 16 November 2006\***

- **Action Item 10 (Open):** Volpe will complete writing up the XML subscription process, post instructions to the CVISN Web site, and post a message on the CVISN System Architects listserv to inform the states of the document availability. *Status – In progress. Document has been completed but not yet made available.*
- **Action Item 11 (Open):** Volpe will post the recertification process on the CVISN Web site, e-mail it to ACCB members, and post it to the CVISN System Architects listserv. *Status – In progress. Process has been posted to the listserv.*
- **Action Item 12 (Open):** Volpe will post a message to the CVISN System Architects listserv when the change requested in CR 3671 is deployed. *Status – may be deployed the last weekend of November.*
- **Action Item 13 (New):** APL will create Architecture CRs corresponding to SAFER CRs 1386 and 1387. *Status: Done. CRs 4788 and 4789.*
- **Action Item 14 (New):** Jingfei Wu will write a new SAFER CR to implement a capability for a state to select to receive the most recent record or all records via the subscription process. This will support SAFER CRs 50 and 1386.
- **Action Item 15 (New):** Architecture CR 66 – APL post to the listserv with the recommendation that it be closed as an ACCB CR. *Status: Done.*
- **Action Item 16 (New):** Architecture CR 733 – APL send listserv responses to Hal Rumpca for review. *Status: Done.*
- **Action Item 17 (New):** Architecture CR 4651 – Volpe and APL: review listserv responses and report at December ACCB

\* Action Item numbers line up with the Action Item list on the CVISN Collaboration SharePoint site.

### **Items that the ACCB Recommended for FMCSA ECCB Approval**

- **Architecture CR 4776 (SAFER CR tbd) – Synopsis:** SAFER Upload Change Tracking – A SAFER Web page and/or Web service query capability is needed that will allow a state to retrieve all XML transaction data for a vehicle, fleet, or other uploaded entity that is uploaded by a state using a T0019, 20, 21, 22 or 24 transaction.
- **Architecture CR 4777 (SAFER CR tbd) – Synopsis:** Request for summary reports – Summary data can be used by states to do a quick check of their CVIEW data quality.
- **Architecture CR 4778 – Synopsis:** Update CVISN Architecture to better address Expanded CVISN capabilities.

### **Items that the ACCB Disapproved**

None.