

Minutes

CVISN Architecture Configuration Control Board

20 April 2006

Attendees:

Becky Butler (ID)	Keith Dey (NE)	Andrew Wilson (Volpe)
Chris Campbell (ID/Iteris)	Beth Hartley (NE)	Jingfei Wu (Volpe)
Leonard Campbell (ID)	Jim Rhode (NV)	Al Chande (APL)
Joe Foster (MD)	Tammy Duncan (TX)	Beth Roberts (APL)
DJ Waddell (MD/APL)	Bill Guiffre (CSI)	Sandy Salazar (APL)
Jodee Alm (MT)	Frank Maly (RL Polk)	Mary Stuart (APL)
Cathy Beedle (NE)	Dan Coelho (Volpe)	
John Casteel (NE)	Gary DeRusha (Volpe)	

A meeting of the CVISN Architecture Configuration Control Board (ACCB) was held 20 April 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 Beth Roberts (<mailto:Onna.Roberts@jhuapl.com>).

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/index.html>.

For those who wish to join the CVISN System Architects' listserv, please contact Mary Beth Dill, mdill@wvadmin.gov, and ask her to add you to the list.

The next meeting will be held **18 May 2006** at 2:00 PM Eastern.

Discussion Items

SAFER Release 5.1. Volpe reviewed the first three CRs again and finished reviewing the rest of the CR candidates for SAFER Release 5.1. Some changes/updates were recommended to a few CRs. The updated CRs will be reposted to the listserv. See CR Discussion for more detail.

SAFER CVIEW Interface Re-certification Document. States were given the opportunity to ask Volpe questions regarding the process. Volpe stated that the Test Server database would not be available until 24 April, but that another server would be available for testing 21 April. Only the transactions that the state is currently using need to be recertified with SAFER.

CR Discussion

- 1. Architecture CR 4626. Synopsis:** Several states support the capability for SAFER to store multiple DBA names.

Summary: Currently, SAFER and MCMIS contain one DBA field. Several states have expressed a need for storing multiple DBA names in separate data fields, while several states are against multiple DBA names. Currently, some states concatenate multiple DBA names in the single DBA name field in their input to MCMIS, and state systems handle the download of multiple DBA names in the single DBA field from SAFER. If this change were approved and implemented, both MCMIS and SAFER would need to be changed.

Discussion: The creation of this CR was an action item from the previous ACCB meeting discussion. The CR was presented and will be posted to the CVISN System Architects listserv. No further discussion transpired.
- 2. Architecture CR 4640. Synopsis:** NE reports that it takes approximately 12-15 hours to process baseline XML transaction files due to XML tag overhead.

Summary: During discussion at the March ACCB meeting, states and Volpe suggested several alternatives for alleviating some of the transaction processing time problems.

Proposal: Recommend that FMCSA support further investigation by the developers into methods to alleviate the processing burden of exchanging data between SAFER and state CVIEWS.

Discussion: The creation of this CR was an action item from the previous ACCB meeting discussion. The CR was presented and will be posted to the CVISN System Architects listserv. CR 2555 was linked to this CR in StarTeam as one of the possible solutions to alleviate the processing burden for CVIEWS. One state brought up the fact that CR2555 was completely different from this CR and suggested that the two CRs should be posted separately. APL explained that they were linked together, not incorporated as one, because both had to do with processing transactions.
- 3. Architecture CR 2412 (SAFER CR 10). Synopsis:** Implement SAFER XML subscription capability.

Discussion: APL reopened Architecture CR 2412 to include additional transactions. The T0031 transaction will be included in SAFER Release 5.1.
- 4. SAFER CR 133. Synopsis:** Allow SAFER to store one vehicle record per VIN for each jurisdiction.

Discussion: There are many issues with SAFER database design. In particular, the VIN table has design flaws that can cause data to be overwritten. The update contains the correct information, but the T0028 baseline transaction contains data from two different states. This is a high priority CR for the SAFER Release 5.1 in August. States asked if this could have something to do with CR 50 – PRISM/SAFER Business Rules. The ACCB subcommittee is working on Use Cases to describe how the processing in SAFER is affected by the PRISM/CVISN Business Rules.
- 5. Architecture CR 3013 (SAFER CR 139). Synopsis:** Standardization of data values in XML input transactions.

Discussion: This CR was closed, and the Phase 2 (VIN/IRP/IFTA) validation checks will be documented in Architecture CR 4651 (SAFER CR 705) “Implement VIN, IRP Account and IFTA Account validation for SAFER XML Service input transaction”.

6. **Architecture CR 3094 (SAFER CR 164). Synopsis:** Add a check constraint to SAFER for the value of IRP_weight_carried.
Discussion: Instead of deleting the IRP_Weight_Carried limit from the CR, the ACCB agreed on updating the CR to state that the IRP_Weight_Carried must be a number greater than 6,000 pounds. This CR is a candidate for SAFER Release 5.1 in August.
7. **Architecture CR 3114 (SAFER CR 173). Synopsis:** Enhance T0032 transaction to include additional company information.
Discussion: The enhancements will be incorporated in the T0032v2 transaction.
8. **Architecture CR 2936 (SAFER CR 348). Synopsis:** Enhancement to electronic screening transaction to add a data element to track the source of the transponder data.
Discussion: At the March 2006 ACCB meeting, states requested that Architecture CR 2798 (SAFER CR 122), which addresses management of update authority for vehicle registration data, be implemented in SAFER Release 5.1. Since Architecture CR 2936 addresses management of update authority for transponder data, states suggested that the scope of Architecture CR 2798 be expanded to include other transactions, including transponder data. Volpe pointed out that the testing requirements for implementing the CR would expand significantly. Volpe said that the implementation of Architecture CR 2798 (SAFER CR 122) will create audit tables only and will not involve sending output transactions. Volpe will re-write these CRs. APL suggested they be kept as separate CRs, but reflect this discussion about what the states really want.
9. **Architecture CR 3830 (SAFER CR 431). Synopsis:** Carrier snapshot changes to include Inspection Count for the OS/OW commercial vehicles and HM permit data to the company snapshot and distribute via T0031 V2 transaction.
Discussion: The MCS-150 fields will also be added to this CR. This CR will be implemented in SAFER Release 5.1 in August.
10. **Architecture CR 4529 (SAFER CR 486). Synopsis:** Expand SAFER Web services to other XML transactions to support CVISN users. This includes the six input transactions and five other output transactions with which SAFER interacts with the CVIEW.
Discussion: The input transactions to be included are T0019, T0020, T0021 and T0022. This CR will be implemented in SAFER Release 5.1 in August.
11. **Architecture CR 3670 (SAFER CR 302). Synopsis:** Develop deletion function for T0024 transaction.
Discussion: Transaction T0023 contains a list of states to which a carrier authorizes SAFER to send its vehicles’ transponder IDs. If a carrier wants to remove an authorized jurisdiction, the state sends in another T0023 without the jurisdiction that is no longer authorized. SAFER needs a capability to inform the no-longer-authorized state and delete the transponder information associated with all vehicles owned by the particular carrier. There was some

discussion regarding a similar capability for adding an authorized vehicle. The ACCB suggested that VOLPE update the CR to explain the process in more detail. Volpe needs to modify the CR to make sure the interpretation of the request is correct and resubmit to the ACCB.

Action Items from ACCB Meeting 20 April 2006

1. **Action Item:** Joe Foster will continue to contact northeastern states regarding the need for diesel emissions data included in inspection reports.
2. **Action Item:** APL will post Architecture CR 4626 to the CVISN System Architects listserv for a 30-day comment period and vote.
3. **Action Item:** APL will post Architecture CR 4640 to the CVISN System Architects listserv for a 30-day comment period.
4. **Action Item:** APL will post Architecture CR 2555 to the CVISN System Architects listserv for a 30-day comment period.
5. **Action Item:** APL will post Architecture CR 733 along with the HM Safety Permit fields submitted by Volpe to the CVISN System Architects listserv for a 30-day comment period.
6. **Action Item:** Volpe will update SAFER CR 164 to state that the IRP_Weight_Carried must be a number greater than 6,000 pounds and post to the CVISN System Architects listserv for a 30-day comment period.
7. **Action Item:** Volpe will update SAFER CR 302 for clarity to make sure Volpe is interpreting the request correctly. This CR will be posted to the CVISN System Architects listserv for a 30-day comment period.
8. **Action Item:** Volpe will update SAFER CR 122 for clarity and repost to the CVISN System Architects listserv.
9. **Action Item:** Volpe will update SAFER CR 348 for clarity and repost to the CVISN System Architects listserv.
10. **Action Item:** Volpe will update SAFER CR 431 with the Architecture CR number (3830) and additional MCS 150 fields that will be added to the T0031 V2 transaction. This CR will be posted to the CVISN System Architects listserv.
11. **Action Item:** Volpe will update CR SAFER 486 with the Architecture CR number (4529) and list the input transactions that will be included in SAFER Release 5.1. This CR will be posted to the CVISN System Architects listserv.

12. **Action Item:** 22 States have asked the A&I group/FMCSA to calculate ISS scores on intrastate data. Volpe wanted to know if CVISN-only states want to see this data. Right now the field in the T0031 transaction says insufficient data. Volpe will post this question to the CVISN System Architects listserv to make states aware and check back with the A&I group.

Items that the ACCB Recommended for FMCSA ECCB Approval

None.

Items that the ACCB Disapproved

None.