

## Architecture CR Summary 2005-11-07

**CR Number:** 3958  
**External Reference:** VOLPE CR 432  
**Category:** SAFER Web services  
**Component:** SAFER  
**Synopsis:** SAFER Web service issues  
**Status:** Closed Fixed  
**Disposition:** [2005-09-22]Discussed at ACCB mtg. Should not have been an ARCH CR only SAFER CR for ACCB information. Closed.  
**Entered On:** 9/19/2005 8:10:39 AM

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**CR Number:** 3830  
**External Reference:** CR 3115, Volpe CR 431  
**Category:** SAFER XML  
**Component:** SAFER/CVIEW  
**Synopsis:** Add the count of how many inspections in the last 24 months had the OS/OW field checked to the T0031.  
**Status:** Recommended  
**Disposition:**  
**Entered On:** 8/19/2005 7:22:57 AM

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**CR Number:** 3671  
**External Reference:** SAFER CR 306  
**Category:** SAFER XML  
**Component:** SAFER/CVIEW  
**Synopsis:** Add CANU to GlobalType.xsd  
**Status:** Recommended  
**Disposition:** [2005-08-19] Recommended for FMCSA approval  
**Entered On:** 6/21/2005 8:32:19 AM

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**CR Number:** 3670  
**External Reference:** SAFER CR 302

**Reference:**  
**Category:** SAFER XML  
**Component:** SAFER/CVIEW  
**Synopsis:** Develop deletion function for T0024 transaction  
**Status:** Open  
**Disposition:** [2005-08-02] Open pending further analysis.  
**Entered On:** 6/21/2005 8:29:46 AM

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**CR Number:** 3115  
**External Reference:** SAFER174; Arch CRs 2443,2637,2933,3039,3040,3830, 732  
**Category:** SAFER XML  
**Component:** SAFER/CVIEW  
**Synopsis:** Create T0031V2 transaction to send additional company information to CVISN states  
  
Summary: This transaction will be versioned to add company data to the T0031 transaction.  
  
Action: States are requested to comment as to whether there are additional MCMIS data fields they would like to see added to the T0031v2 transaction not currently seen in the T0031 transaction.  
**Status:** Closed Approved  
**Disposition:** [2005-09-22] Closed Approved. In SAFER Release 4.8  
**Entered On:** 4/15/2005 9:36:52 AM

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**CR Number:** 3114  
**External Reference:** SAFER CR 173  
**Category:** SAFER XML  
**Component:** SAFER/CVIEW  
**Synopsis:** Enhance T0032 transaction to include additional company information.  
  
Summary: This transaction will be versioned to add additional company information to the L&I transaction.  
  
Action: States are requested to comment as to whether there are additional L&I data fields they would like to see added to the T0032v2 transaction not currently seen in the T0032 transaction.  
**Status:** Recommended  
**Disposition:** [2005-05-24] Recommended for FMCSA approval.  
**Entered On:** 4/15/2005 9:32:35 AM

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**CR Number:** 3094  
**External Reference:** SAFER CR 164  
**Category:** SAFER XML, EDI  
**Component:** SAFER/CVIEW  
**Synopsis:** Add a check constraint to SAFER for the value of IRP\_weight\_carried  
**Status:** Closed Disapproved  
**Disposition:** [2005-03-01] Disapproved; incorporated into CR 3013.  
**Entered On:** 2/14/2005 3:46:44 PM

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**CR Number:** 3041  
**External Reference:** SAFER CR 149  
**Category:** SAFER XML  
**Component:** SAFER/CVIEW  
**Synopsis:** Business rule check for T0024.  
  
Summary: Ensure that the Safety USDOT number in the vehicle registration table matches the carrier ID in the carrier authorization table.  
**Status:** Closed Disapproved  
**Disposition:** [2004-12-16] Closed - not an architecture CR  
**Entered On:** 11/16/2004 7:25:53 AM

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**CR Number:** 3040  
**External Reference:** SAFER CR 152  
**Category:** SAFER carrier snapshot  
**Component:** SAFER/MCMIS  
**Synopsis:** Add carrier out-of-service data to the carrier snapshot  
  
Summary: New data elements related to OOS are available in MCMIS and could be added to the carrier snapshot T0031. It is not known whether CVISN stakeholders would like to receive this data via the snapshot.  
  
Action: States are requested to comment as to whether the T0031 should be versioned to include OOS data.  
  
Recommended for FMCSA approval as a versioned T0031.

**Status:** Closed Is Duplicate  
**Disposition:** [2005-06-17] Closed - incorporated into CR 3115  
**Entered On:** 11/16/2004 7:21:43 AM

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**CR Number:** 3039  
**External Reference:** SAFER CR 144  
**Category:** SAFER ELQ  
**Component:** SAFER/MCMIS, CVIEW, PIQ  
**Synopsis:** Modify SAFER to accept New Entrant Code from MCMIS

Summary: A new data element "New Entrant Code" is available in MCMIS and could be added to the carrier snapshot T0031. It is not known whether CVISN stakeholders would like to receive this data element via the snapshot.

Action: States are requested to comment as to whether the T0031 should be versioned to include the New Entrant Code.

Recommended for FMCSA approval as a versioned T0031.

**Status:** Closed Is Duplicate  
**Disposition:** [2005-06-17] Closed - incorporated into CR 3115  
**Entered On:** 11/16/2004 7:18:12 AM

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**CR Number:** 3013  
**External Reference:** SAFER CR 139, SAFER CR 164  
**Category:** SAFER XML, SAFER ICD  
**Component:** SAFER/CVIEW  
**Synopsis:** Standardization of data values in XML input transactions.

Summary: Data elements input to SAFER must be standardized to ensure data quality and integrity.

Proposal: Volpe will draft SAFER data requirements and distribute to stakeholder for review and discussion.

**Status:** Recommended  
**Disposition:** [2004-11-22] Recommended for FMCSA approval. Volpe will report on analysis results.  
**Entered On:** 10/18/2004 2:19:57 PM

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**CR Number:** 3012  
**External Reference:** SAFER CR 119  
**Category:** Inspection reports  
**Component:** SAFER  
**Synopsis:** Expand the inspection report storage in SAFER to 180 days  
**Status:** Closed Approved  
**Disposition:** [2004-10-25] Closed; incorporated into SAFER release 4.6  
**Entered On:** 10/18/2004 8:11:12 AM

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**CR Number:** 3011  
**External Reference:** SAFER CR 112  
**Category:** SAFER ELQ service  
**Component:** SAFER  
**Synopsis:** Add third possible value "U" to post crash field  
**Status:** New  
**Disposition:** [2004-10-18] Incorporated in SAFER release 4.6  
**Entered On:** 10/18/2004 8:09:44 AM

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**CR Number:** 2936  
**External Reference:** SAFER CR 348  
**Category:** New data element needed  
**Component:** CVISN Architecture and Standards  
**Synopsis:** A source, other than the authoritative source, may submit e-screening enrollment data to SAFER. States requested a data element to track the source of the transponder data.  
  
Summary: Any state can update e-screening information (XML T0024). States do not object to an unauthorized state submitting transponder information for another state, as long as the vehicle registration data is not affected.  
  
Proposal: Add a data element to track the source of the transponder data.  
  
**Status:** Recommended  
**Disposition:** [2004-10-25] Recommended for FMCSA approval.  
**Entered On:** 8/23/2004 12:22:08 PM

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**CR Number:** 2798

**External Reference:** DJ Waddell - MD - 240-228-5878

**Category:** Business rules/process to clarify data source

**Component:** SAFER/CVIEW

**Synopsis:** Synopsis: Data integrity issues are resulting from a source, other than the authoritative source, submitting vehicle registration data to SAFER.

Summary: A source other than the authoritative source can submit vehicle registration data to SAFER. If the authoritative source later updates the information, the data already in SAFER may be overwritten. Business rules/process need to be established (a) to clarify the source of data and (b) to coordinate data entry/update by authoritative source and authorized but not 'authoritative' source.

Proposal: The proposal consists of several clauses.

1. A state (in most cases, a "non-participating" state) may authorize another state to send vehicle registration data to SAFER on its behalf; this must be documented by letter/email. Letter/email will also be required to withdraw the authorization.

2. A new table in SAFER will be created to keep track of which states are authorized to send vehicle registration data to SAFER for any given state. The default would be that only the IRP base state would be authorized to send vehicle registration data to SAFER.

3. Volpe will consider whether the new table is also the appropriate place to store contact information.

4. If a state that is not authorized according to the process attempts to send vehicle registration data (XML T0020, T0021, or T0022) for another state to SAFER, the XML transactions will be rejected and the IRP base state will be notified that an unauthorized state has attempted to send vehicle registration data on its behalf.

5. The REGISTRATION\_START\_DATE will be a mandatory field and REGISTRATION\_EXPIRE\_DATE will be a conditionally mandatory field in the vehicle registration data.

6. The table will be posted in some form on the CVISN website.

**Status:** Recommended

**Disposition:** [2004-09-27] Recommended for FMCSA approval. Will be posted to CVISN System Architects list serv for review.

**Entered On:** 7/12/2004 8:59:22 AM

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**CR Number:** 2578

**External Reference:** Volpe CR 29

**Category:** SAFER XML\_in, SAFER ICD, SAFER SCIP

**Component:** SAFER/PRISM

**Synopsis:** Develop an XML input transaction for PRISM states to submit vehicle registration information to SAFER.

**Status:** Open

**Disposition:** [2004-06-17] Open pending further analysis.  
**Entered On:** 4/7/2004 8:21:04 AM

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**CR Number:** 2562  
**External Reference:** SAFER CR # 50  
**Category:** XML, EDI, ICD  
**Component:** CVISN Architecture and Standards  
**Synopsis:** Request to review SAFER business rule regarding multiple VINs  
**Status:** Open  
**Disposition:** [2005-03-01] Open pending further comment and analysis.  
**Entered On:** 3/23/2004 10:13:12 AM

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**CR Number:** 2555  
**External Reference:** WA Bill Goforth GofortB@wsdot.wa.gov - SAFER CR 108  
**Category:** Change to file size limit  
**Component:** CVISN Architecture and Standards  
**Synopsis:** The maximum transaction size should be reduced from 5,000 records to 2,000 records for the T0028 IRP Registration (Cab Card) Output Transaction and the T0031 MCMIS Safety and Census Output Transaction.  
**Status:** Recommended  
**Disposition:** [2004-03-18] Recommended at ACCB meeting. for future SAFER release.  
**Entered On:** 3/19/2004 11:44:28 AM

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**CR Number:** 733  
**External Reference:** Tania Rossouw, WI - VOLPE CR 16  
**Category:** Need for permit snapshots  
**Component:** CVISN Architecture and Standards  
**Synopsis:** Since SAFER was originally developed it contained a capability to process carrier and vehicle permit data in an "assumed" form and data content. Wisconsin requested that an XML permit transaction be included in a future version of SAFER.  
**Status:** Recommended  
**Disposition:** Recommended for Expanded CVISN e-credentialing, open pending further analysis  
**Entered On:** 9/18/2002 8:34:57 AM

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**CR Number:** 66  
**External Reference:** CR 1082  
**Category:** Diesel Emissions Data in Inspection Reports and Snapshots  
**Component:** Snapshots  
**Synopsis:** A group of states is seeking to include diesel emissions data in inspection reports and flags in snapshots for interstate enforcement of environmental regulations. Corresponding CRFs should be issued for changes to ASPEN and/or other inspection support systems. The original emails from Massachusetts and New Jersey are in the folder \PVO\Config Mgmt\CRF Database\CRFs\Attachments\CRF\_1082. Also in that folder are two presentations made originally at the Eastern States CVISN Design Workshop that spell out the proposal.  
  
submitted by DJ Waddell 6/9/2000  
**Status:** Open  
**Disposition:** Open pending more information from states.  
**Entered On:** 12/17/2001 2:30:27 PM

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**Total:** 20