

## Architecture CR Summary – August 2004

**CR Number:** 2805

**External Reference:** WI-Tania Rossouw 608.267.2400 tania.rossouw@dot.state.wi.us

**Category:** SAFER Web services

**Component:** SAFER

**Synopsis:** Add T0032 (Licensing and Insurance Output Transaction) to the SAFER Web services capabilities.

Summary: Implementation of a web service capability is in beta testing for several XML transactions. This capability is expected to be available in SAFER 4.6 due to be released in September, 2004.

Proposal: Add T0032 to the SAFER Web services capabilities.

**Status:** Open

**Disposition:** [2004-07-19] Open pending further discussion.

**Entered On:** 7/14/2004 2:16:46 PM

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**CR Number:** 2798

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

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

**Component:** SAFER/CVIEW

**Synopsis:** 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 and data elements need to be added (a) to clarify the source of data and (b) to coordinate data entry/update by authoritative source and authorized but not 'authoritative' source.

**Status:** Open

**Disposition:** [2004-07-19] Open pending further discussion and analysis.

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

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**CR Number:** 2728

**External Reference:** WA Bill Goforth - GofortB@wadot.wa.gov - 360-705-7365

**Category:** T0022 processing rules

**Component:** CVISN Architecture and Standards

**Synopsis:** LAST\_UPDATE\_DATE and REGISTRATION\_EXPIRE\_DATE are not enough to determine the current base state for a vehicle

**Status:** Open

**Disposition:** [2004-07-19] Open pending further analysis.

**Entered On:** 6/29/2004 6:07:19 AM

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**CR Number:** 2664

**External Reference:** Volpe CR 110

**Category:** SAFER database

**Component:** SAFER

**Synopsis:** Archive inactive carrier and vehicle records

**Status:** Closed Deferred

**Disposition:** [2004-06-17] Closed - turned over to Volpe as SAFER CR.

**Entered On:** 6/3/2004 3:58:56 PM

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**CR Number:** 2639

**External Reference:** Volpe CR 104

**Category:** SAFER XML

**Component:** SAFER/CVIEW

**Synopsis:** Provide L&I data to CVIEW users for carriers that do not have USDOT#.

**Status:** Closed Deferred  
**Disposition:** [2004-06-16] Withdrawn  
**Entered On:** 5/24/2004 8:27:02 AM

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**CR Number:** 2638

**External Reference:** Volpe CR 101

**Category:** SAFER XML service

**Component:** SAFER/CVIEW, SAFER/PRISM

**Synopsis:** Enhance T0022 transaction to allow states to submit temporary authority vehicles to SAFER.

Summary: The SAFER XML service requires that the license plate/state be unique for vehicle records submitted via the T0022 input transaction. This CR requests that SAFER allow states to submit non-unique license plate/state and that SAFER would modify the data to produce a unique code (example: "TEMP + last 6 digits of VIN").

Proposal: States participating in recent ACCB meetings have recommended that this CR be disapproved. States should change their CVIEW or equivalent system so that the license plate/state submitted in a T0022 input transaction to SAFER is unique. SAFER should not modify data received by the state to create unique license plate/state.

**Status:** Closed Disapproved

**Disposition:** [2004-07-19] Closed - disapproved.

**Entered On:** 5/24/2004 8:21:40 AM

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**CR Number:** 2637

**External Reference:** Terri Ungerman (LA)

**Category:** SAFER XML

**Component:** SAFER/PRISM/CVIEW

**Synopsis:** SAFER XML doesn't contain new elements of updated MCS150 form.

**Status:** Open

**Disposition:** [2004-06-17] Open pending further discussion.

**Entered On:** 5/19/2004 3:15:21 PM

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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:** 2577

**External Reference:** Volpe CR 31

**Category:** PRISM XML\_out, SAFER ICD

**Component:** SAFER/PRISM

**Synopsis:** Develop an XML output transaction for the vehicle component of the PRISM Local Target File.

**Status:** Open

**Disposition:** [2004-06-17] Open pending further analysis.

**Entered On:** 4/7/2004 8:19:29 AM

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**CR Number:** 2572

**External Reference:** UT Sharon Holland (801) 944-5778; SAFER CR 107

**Category:** Database and XML schemas

**Component:** SAFER/CVIEW

**Synopsis:** Add account balance information to the CARRIER\_IFTA and CARRIER\_IRP tables in the current CVIEW database.

Summary: Utah proposed a change to XML transactions T0019 and T0020 to add fields of interest only to Utah for data exchange among systems within the state. The discussion at the ACCB meeting led to the more general question of providing the capability in XML transactions to carry state-specific data. States indicated interest in this capability, as long as they don't have to change their processing if they are not using the feature.

Proposal: Volpe will pursue the idea of adding a section to an XML schema to allow state custom data to be optionally carried in an XML transaction; this section would be ignored by SAFER and not passed on to other States.

**Status:** Closed Disapproved

**Disposition:** [2004-07-19] CR withdrawn - closed.

**Entered On:** 4/1/2004 9:55:11 AM

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**CR Number:** 2563

**External Reference:** Volpe CR 51

**Category:** SAFER XML interface

**Component:** SAFER

**Synopsis:** Add capability to delete a record

Summary: This CR requests that an XML Delete transaction be implemented. Currently, the state must call Volpe and ask them to manually delete a record.

Proposal: The XML delete transaction will be implemented in accordance with the requirements expressed in this CR.

**Status:** Recommended

**Disposition:** [2004-07-19] Recommended for FMCSA approval.

**Entered On:** 3/25/2004 9:39:26 AM

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**CR Number:** 2562

**External Reference:** Volpe CR # 50

**Category:** XML, EDI, ICD

**Component:** SAFER

**Synopsis:** Request to review SAFER business rule regarding multiple VINs

**Status:** Open

**Disposition:** [2004-01-15] Open pending further analysis.

**Entered On:** 3/23/2004 10:13:12 AM

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**CR Number:** 2561

**External Reference:** Volpe CR 49

**Category:** SAFER XML service

**Component:** CVISN Architecture and Standards

**Synopsis:** Review business rule for T0019 input transaction

**Status:** Closed Approved

**Disposition:** Closed with release of SAFER 4.4

**Entered On:** 3/23/2004 7:50:02 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:** Open

**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:** 2539

**External Reference:** Volpe CR # 26

**Category:** XML, EDI, ICD

**Component:** SAFER

**Synopsis:** Request to review SAFER business rule regarding USDOT # and IRP account #

**Status:** Closed Approved

**Disposition:** Closed with release of SAFER 4.4

**Entered On:** 3/11/2004 8:45:52 AM

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**CR Number:** 2538

**External Reference:** Volpe CR #10

**Category:** SAFER XML in, SAFER XML out service, ICD

**Component:** SAFER/CVIEW

**Synopsis:** Anticipate need for XML subscription capability

**Status:** Closed Is Duplicate

**Disposition:** [2004-05-19] Closed - duplicate of 2412.

**Entered On:** 3/11/2004 8:37:27 AM

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**CR Number:** 2537

**External Reference:** Volpe CR #9

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

**Component:** SAFER/CVIEW

**Synopsis:** Need for XML inspection report transaction

**Status:** Closed Is Duplicate

**Disposition:** [2004-05-19] Closed - duplicate of 2132

**Entered On:** 3/11/2004 8:34:19 AM

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**CR Number:** 2535

**External Reference:**

**Category:** CVISN - National ITS Architecture

**Component:** CVISN Architecture and Standards

**Synopsis:** Add equipment package descriptions to CVISN Architecture document

**Status:** Closed Approved

**Disposition:** Closed following publication of document

**Entered On:** 3/4/2004 1:53:58 PM

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**CR Number:** 2446

**External Reference:**

**Category:** Communication of Changes

**Component:** CVIEW

**Synopsis:** Notification of User Authorization System changes indicated need for improvement in communicating changes to affected users.



**Status:** Closed Fixed  
**Disposition:** Closed per ACCB meeting 2004-01-15.  
**Entered On:** 1/12/2004 12:43:29 PM

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**CR Number:** 2444  
**External Reference:** SAFER CR 21; Wisconsin  
**Category:** Need query capability for carrier snapshot to support XML CVIEWS  
**Component:** CVISN Architecture and Standards  
**Synopsis:** States using XML CVIEWS do not have the query capability that is available for EDI users.  
**Status:** Closed Approved  
**Disposition:** Closed with release of SAFER 4.4  
**Entered On:** 12/18/2003 5:09:03 PM

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**CR Number:** 2443  
**External Reference:** SAFER CR 11 and CR 12  
**Category:** Changes to SAFER-CVIEW interface to handle REVIEW\_TYPE  
**Component:** CVISN Architecture and Standards  
**Synopsis:** Two new values for CARRIER\_REVIEW\_TYPE are in the carrier data received by SAFER from MCMIS.  
  
Summary: Since the FMCSA-sponsored CVIEW will not accept the new values, Volpe has implemented a workaround to change the values or not send records that would be rejected.  
  
Proposal:  
The CVISN states change their CVIEW to accept the new review type values so that the data in their CVIEW databases will be consistent with the data displayed on the SAFER web site. A schema change will be required; the transaction T0031 will be versioned.  
**Status:** Open

**Disposition:** [20040712] Reopened at Volpe request.

**Entered On:** 12/18/2003 4:49:16 PM

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**CR Number:** 2417

**External Reference:** Volpe CR #2

**Category:** Addition of fields to XML inspection summary transaction

**Component:** SAFER/CVIEW

**Synopsis:** Change to SAFER to process and send Level 6 Radiological data in inspection reports.

The current version of SAFER, v 4.2.3.10, does not accept input files from ASPEN which have radiological records.

**Status:** Closed Is Duplicate

**Disposition:** [2004-05-12] Closed, incorporated into CR 2132.

**Entered On:** 11/13/2003 10:52:26 AM

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**CR Number:** 2416

**External Reference:** Volpe CR #1

**Category:** Change to field sizes in XML inspection summary transaction

**Component:** SAFER/CVIEW

**Synopsis:** Change to SAFER to support extended field sizes used by SAFETYNET 2000 and ASPEN.

The new ASPEN and SAFETYNET releases are sending inspection reports with extended field sizes for a number of fields.

**Status:** Closed Fixed

**Disposition:** [2004-05-07] Closed. Implemented in SAFER 4.3.

**Entered On:** 11/13/2003 10:46:08 AM

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**CR Number:** 2412

**External Reference:** Tania Rossouw, Wisconsin; SAFER CR 10

**Category:** SAFER XML in, SAFER XML out service, ICD

**Component:** CVISN Architecture and Standards

**Synopsis:** Request for XML subscription capability

Summary: This CR requests that a subscription capability, similar to that used for the EDI interface, be made available for the XML interface.

Proposal: The XML subscription capability will be implemented in accordance with the requirements expressed in this CR.

**Status:** Recommended

**Disposition:** [2004-07-19] Recommended for FMCSA approval.

**Entered On:** 10/14/2003 11:53:58 AM

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**CR Number:** 2132

**External Reference:** Tania Rossouw, Wisconsin - Volpe CR 9

**Category:** Need for XML inspection report transaction

**Component:** CVISN Architecture and Standards

**Synopsis:** The XML inspection summary transaction in SAFER 4.2 is an output transaction from SAFER to the states. There is no XML inspection report transaction from the state to SAFER. Wisconsin, a non-ASPEN state, would like an input XML inspection report transaction.

**Status:** Closed Approved

**Disposition:** [2004-07-19] Closed - implemented in SAFER 4.5.

**Entered On:** 6/19/2003 4:50:18 PM

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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 in contained a capability to process carrier and vehicle permit data in an "assumed" form and data content. To this date, no organization or application has ever sent permit data - of any kind - to SAFER. We do not know if the original software and EDI design is correct or at all useful. At this point in time SAFER is not aware of any intention of any organization or application to send either carrier or vehicle permit data to SAFER. Unless a specific source of carrier or vehicle permit data can be identified, SAFER requests that the requirement for carrier and vehicle permit data processing be deleted.

**Status:** Recommended

**Disposition:** [2002-10-18 ncm] Recommended for FMCSA approval. Open pending inclusion in future version of SAFER.

**Entered On:** 9/18/2002 8:34:57 AM

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**CR Number:** 732

**External Reference:** VOLPE CR 15

**Category:** Requirement for OOS information for escreening

**Component:** CVISN Architecture and Standards

**Synopsis:** Is there a requirement for carrier Out of Service information at the roadside when screening vehicles ? If so, which roadside applications require it, what frequency should it be provided, and in what form.

**Status:** Recommended

**Disposition:** [2002-10-18 ncm] Recommended for FMCSA approval. Open pending inclusion in future version of SAFER.

**Entered On:** 9/18/2002 8:29:29 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:** 28