

Recent and Active Architecture CR Summary 2006-04-20

CR Number: 4651
External Reference: CR3013, SAFER CR 705
Category: SAFER XML, SAFER ICD
Component: SAFER/CVIEW
Synopsis: Implement VIN, IRP Account and IFTA Account validation for SAFER XML Service input transaction.
Status: Open
Disposition: [2006-05-04] Open
Entered On: 4/19/2006 10:32:38 AM

CR Number: 4640
External Reference: CR 2555
Category: XML Transaction Processing Time Is Too Long
Component: SAFER/CVIEW
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.

Status: Open
Disposition: [2006-05-04] Open pending stakeholder comments.
Entered On: 4/10/2006 5:24:21 PM

CR Number: 4626
External Reference:
Category: Add capability for multiple DBA names in SAFER
Component: SAFER/MCMIS
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 multiple DBA names, while several states are against multiple DBA names.

Currently, some states concatenate multiple DBA names in the single DBA name field in MCMIS and state systems handle the multiple names. If this change were approved and implemented, both MCMIS and SAFER would need to be changed.

Status: Open

Disposition: [2006-03-24]Review New CR at next ACCB meeting and then Post to Listserv for vote on additional DBA Name fields-obr

Entered On: 3/22/2006 3:15:49 PM

CR Number: 4529

External Reference: SAFER CR 486

Category: SAFER/CVIEW

Component: SAFER Web services

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 CVIEW.

Status: Approved

Disposition: [2006-05-04] Approved and scheduled for release in SAFER v5.1 (Aug 2006)

Entered On: 1/20/2006 6:23:57 AM

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

CR Number: 3830

External Reference: CR 3115, Volpe CR 431

Category: SAFER XML

Component: SAFER/CVIEW

Synopsis: Add the following data to the Carrier Snapshot, which will be distributed via T0031 V2: (1) a count of the number of inspections in the last 24 months that had the OS/OW

field checked, and (2) HazMat permit data.

Status: Approved
Disposition: [2006-03-30] Approved and scheduled for SAFER v5.1 release (Aug 2006)
Entered On: 8/19/2005 7:22:57 AM

CR Number: 3671
External Reference: SAFER CR 306
Category: SAFER XML
Component: SAFER/CVIEW
Synopsis: Add CANU to GlobalType.xsd
Status: Closed Fixed
Disposition: [2006-03-21] Closed-fixed in SAFER v4.9 October 2005
Entered On: 6/21/2005 8:32:19 AM

CR Number: 3670
External Reference: SAFER CR 302; SAFER CR 143
Category: SAFER XML
Component: SAFER/CVIEW
Synopsis: Develop a Business Use Case for E-screening Enrollment and Transponder ID Management
Status: Open
Disposition: [2006-05-04] Open pending further clarification.
Entered On: 6/21/2005 8:29:46 AM

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

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: [2006-03-21] Approved and scheduled for SAFER v5.1 release (Aug 2006)
Entered On: 4/15/2005 9:32:35 AM

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: Approved
Disposition: [2006-03-30] Approved for release in SAFER 5.1.
Entered On: 2/14/2005 3:46:44 PM

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: [2006-03-21] Approved and scheduled for SAFER v5.1 release (Aug 2006)

Entered On: 8/23/2004 12:22:08 PM

CR Number: 2798

External Reference: SAFER 122; 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: [2006-03-30] Recommended for SAFER Release 5.1.

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

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

CR Number: 2555
External Reference: WA Bill Goforth GofortB@wsdot.wa.gov - SAFER CR 108, CR 4640
Category: Change the file size limit
Component: CVISN Architecture and Standards
Synopsis: The maximum transaction size should be reduced from 5000 records to 2000 records for the T0028 IRP Registration (Cab Card) Output Transaction and the T0031 MCMIS Safety and Census Output Transaction.
Status: Recommended
Disposition: [2006-03-30] Recommended 2004-03 but not implemented and reopened for discussion.
Entered On: 3/19/2004 11:44:28 AM

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: Implement SAFER XML subscription capability.
Status: Open
Disposition: [2006-03-29] Recommended for inclusion in SAFER Release 5.1
Entered On: 10/14/2003 11:53:58 AM

CR Number: 733

External Reference: Tania Rossouw, WI - VOLPE CR 16

Category: Need for permit snapshots

Component: CVISN Architecture and Standards

Synopsis: States requested that an XML permit transaction be included in a future version of SAFER.

Summary: This CR was originally proposed by WI in September, 2002. In order to share permit data through SAFER, states need to define what data is needed in the transaction. Long or short term permits? OS/OW permits? HazMat permits? Intrastate or interstate?

Status: Open

Disposition: [2006-03-29] Open pending further analysis

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

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 CRs should be issued for changes to ASPEN and/or other inspection support systems.

Status: Open

Disposition: [2006-03-29] Open pending more information from states.

Entered On: 12/17/2001 2:30:27 PM

Total: 18