

CR Number: 4776

External Reference: WA

Category: SAFER Upload Change Tracking

Component: SAFER

Synopsis: 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.

Status: Open

Disposition: [2006-10-19] Open.

Description: 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 (VIN), fleet or other uploaded entity that is uploaded by a state using a T0019, 20, 21, 22 or 24 transaction.

This is a SAFER data integrity related enhancement. The primary purpose of this enhancement is to aid with troubleshooting of problems where a state is not receiving data from another state or a state's data is not appearing in SAFER.

The queried information needs to include the XML upload file name and time stamp for each XML file where matching data is found.

The process used to extract the XML data must use "relaxed" versions of the XSD's for the above transactions so that no fields are required. The intent here would be to capture as much data as possible from the incoming XML files so that that even XML transactions that are rejected by SAFER would be logged in the tracking database (as much is practical).

14 months worth of data should be kept so we can find the data for the last vehicle renewal for a vehicle.

The primary key fields for each transaction type would be the key fields used to perform a query. The only exceptions to this would be: 1) T0022 transaction – allow query by VIN or LICENSE_PLATE_NUMBER and 2) T0024 transaction – allow query by VIN or TRANSPONDER_ID.

[2006-10-19] Presented at the 10/19/06 ACCB meeting. While several states supported implementation of this capability, others questioned why Volpe's monitoring is not adequate. Volpe noted that this capability would enable states to do their own analysis, as sometimes the reason for an upload failure is related to states' business rules. It was agreed that this CR would be posted to the CVISN System Architects listserv for further comment.

Fix:

Comment:

Attachment names:

Responsibility:

Modified Time: 10/19/2006 6:06:56 PM

Modified By: Salazar Sandra B

Entered On: 10/12/2006 6:49:06 AM

Entered By: Magnusson Nancy C

Severity: Medium

Priority: No

Type: Enhancement

Closed On: