



# SAFER Company Snapshot New Entrant Code

## System Change Request Requirements Specification

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*Prepared for:*

*US Department of Transportation  
Federal Motor Carrier Safety Administration  
400 Seventh Street, SW  
Washington, DC 20590*

*Prepared by:*



*John A. Volpe National Transportation Systems Center (Volpe Center)  
55 Broadway  
Cambridge, Massachusetts 02142*

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## 1 Overview

A request to add the New Entrant Code data element to the SAFER database Company Snapshot has been approved by FMCSA. This document specifies the necessary changes to the system to include the new data element.

## 2 User Impact

The following sections document the projected impact of this change request on the SAFER system stakeholders that use the Company Snapshot.

### 2.1 ISS

ISS is the system with which this Change Request originated. The ISS quarterly database refresh process will access the value directly from the SAFER database.

ISS will require the value to be included in the Company Snapshot output from the SAFER Data Mailbox, which is addressed in section 2.6 below.

### 2.2 SAFER Web

The New Entrant Code will be displayed on the SAFER Web Company Snapshot page.

### 2.3 SAFER/CVISN XML Census and Safety Transaction

The SAFER Company Snapshot is available in the SAFER/CVISN Transaction T0031, which is accessible through the SAFER FTP server and the SAFER Web Service.

A change request will be presented to the CVISN Architecture Configuration Change Board (ACCB) in order for CVISN stakeholders to determine whether to add the New Entrant Code to the T0031 Census and Safety Transaction and if so, when to schedule the change.

### 2.4 SAFETYNET

FMCSA has indicated that SAFETYNET will need to get the New Entrant Code data element. It will need to be determined whether the addition of the New Entrant Code will need to happen before the SAFETYNET Census file processing is updated to use XML, or whether the existing SAFETYNET Census Snapshot format will be modified to include the New Entrant Code.

### 2.5 SAFER/CVISN EDI Census and Safety Transaction

No changes shall be made to support usage of the new data element in the SAFER EDI transactions.

### 2.6 SAFER/CVISN AFF Census and Safety Transaction

The SAFER Company Snapshot is available in AFF format through querying the SAFER Data Mailbox. The New Entrant Code will be added to the AFF file since ISS uses this interface.

### **2.6.1 SAFER Event Mask**

Changes to the Company Snapshot may require the redefinition of the Event Mask associated with the data entity. The Event Mask is used to decide whether to send records out to subscription users.

The SAFER Event Mask will only need to be redefined if SAFETYNET will need to add the New Entrant Code before SAFETYNET upgrades its Census processing to use XML.

### **2.6.2 SAFER Metadata View Version**

Changes to the Company Snapshot also requires the creation of a new entry in the SAFER metadata for any views which would contain the new element.

A new SAFER Metadata View Version for the entity Carrier will need to be created if it is required that versions of ISS with and without the New Entrant Code will continue to operate after this Change Request is implemented in SAFER.

The need to create a new SAFER Metadata View Version may be avoided by careful release planning.

### **2.6.3 Release Coordination with ISS**

In any case, the release of the new AFF format and the new version of ISS must be carefully coordinated because of the format change.

## **2.7 PRISM**

PRISM does not have a current request for the New Entrant Code data element.

## **3 Functional Specification**

The following changes shall be made to the SAFER system in order to support this Change Request.

### **3.1 Data Load Process**

The SAFER/MCMIS load process shall be modified to include the following New Entrant Code related data elements associated with a Company.

- New Entrant Code
- New Entrant Entry Date\*
- New Entrant Exit Date\*

\* It is still being determined whether these elements will be required; it has not yet been determined whether they will be needed for SAFETYNET; they are not required for ISS since the SAFER Database receives daily updates of this value.

The preferred approach is to find a field in the current SAFER Company Snapshot data structure that is currently unused, and re-use it for the New Entrant Code.

### 3.1.1 MCMIS Changes

The MCMIS SAFER Snapshot generation materialized view will need to be changed to include the New Entrant Code.

### 3.1.2 SAFER MCMIS LSI Load Changes

If a re-usable field is found, a database trigger will be added to the SAFER CARRIER table to populate the new NEW\_ENTRANT\_CODE field with the value of the unused field.

## 3.2 Database Schema Changes

The following column shall be added to the CARRIER table in the SAFER database:

NEW\_ENTRANT\_CODE CHAR

### 3.2.1 Possible Values

The New Entrant Code shall be stored as a single character value. The following table specifies the possible values for the New Entrant Code.

<b>Value</b>	<b>Description</b>
N	Never In New Entrant Program
E	Currently In New Entrant Program
X	Exited From New Entrant Program With Safety Audit
R	Revoked From The New Entrant Program (Failed Safety Audit)
Y	Exited From New Entrant Program With Compliance Review
I	Exited Due To Inactivation
C	Exited Due To Change
S	Revoked From The New Entrant Program (No-Show Safety Audit)
T	Revoked From The New Entrant Program (No Contact)