



Captain Allan M. Turner

Colorado State Patrol

Troop 8-C, Hazardous Materials Transport Safety and Response



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

FUTURE DMIS FUNCTIONALITY

SUGGESTED ENHANCEMENTS



COLORADO STATE PATROL

TROOP S-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

SUGGESTED FUTURE ENHANCEMENTS

- Whereas, improving the “future functionality” of DMIS is an excellent objective, I need to begin by expressing the opinion that we should avoid the desire and the tendency to want to add to many “bells and whistles.”
- For example, a “Resource Management “ module is a great idea but I have yet to see anyone maintain an effective RM solution. This is because of the difficulty of obtaining accurate and timely resource information and having the required data entry resources. The existing Special Needs Request (SNR) would be adequate, if we had enough active COGs and they were committed to using that capability to its fullest advantage.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

SUGGESTED FUTURE ENHANCEMENTS

- Many other incident management systems have fallen by the wayside because they are too complex and not user friendly.
- I would prefer not to see that happen to DMIS. We just need to improve on the basic application and market it well.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

SUGGESTED FUTURE ENHANCEMENTS

- ALL HAZARDS: To encourage COGs to use DMIS and to be consistent with FEMA's mission, its focus needs to shift from terrorism related incidents to "All Hazards" related incidents. Data elements need to be added to reflect the change in focus.
- MODIFIABLE DATABASE: Provide the ability for a user to add data elements (fields) based on their agency's mission. This would allow different disciplines to tailor the incident database to meet their specific needs.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

SUGGESTED FUTURE ENHANCEMENTS

- TRANSPORTATION MODULE: Provide a module for gathering information concerning transportation modes involved in an incident, e.g., carrier, operator, vehicle(s), etc.
- MATERIALS INVOLVED: Modify the “Agent Information” module to be more generic so that it addresses hazardous materials in general, including CBRNE/WMD.
- EMAIL POSTING: Provide the ability to POST incident records to interested stakeholders via email.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

SUGGESTED FUTURE ENHANCEMENTS

- PLUME MODELING: Provide the ability to import plume models for inclusion in the current system maps. Currently “shape” files can be imported that include a plume. However, the fact is many agencies do not have immediate access to a GIS application. It would be more convenient if the plume data could be imported direct from a plume modeling tool such as CAMEO.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

ARCHIVING RECORDS

SUGGESTED ENHANCEMENTS



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

DMI-Services - turnera on CO CSP HAZMAT

File DMI-Services Window Help

Incident List

Filter Options

Name Category Type Severity Filter Refresh

COG	Version	Number	Name	Actual	Category	Type	D
HAZMAT		07028C17	Fuel Spill (Diese)	Actual	Transportatio...	02/24/2007	
HAZMAT		07028C16	Fuel Spill (Diese)	Actual	Transportatio...	02/23/2007	
HAZMAT		07028C15	Agency Assist	Actual	Other-Not As...	02/22/2007	
HAZMAT		07028C20	Agency Assist	Actual	Other-Not As...	02/21/2007	
HAZMAT		07028C19	Fuel Spill (Diese)	Actual	Transportatio...	02/21/2007	
HAZMAT		07028C14	Fuel Spill (Diese)	Actual	Transportatio...	02/20/2007	
CO CSP HAZMAT		07028C13	Product Spill (Mineral Oil)	Actual	Other-Not As...	02/19/2007	
CO CSP HAZMAT		07028C10	Fuel Spill (Diese)	Actual	Transportatio...	02/13/2007	
CO CSP HAZMAT		07028C09	Fuel Spill (Diese)	Actual	Transportatio...	02/11/2007	
CO CSP HAZMAT		07028C11	Fuel Spill (Diese)	Actual	Transportatio...	02/11/2007	
CO CSP HAZMAT		07028C07	Agency Assist	Actual	Other-Not As...	02/09/2007	
CO CSP HAZMAT		07028C06	Fuel Spill (Diese)	Actual	Transportatio...	02/08/2007	
CO CSP HAZMAT		07028C05	Fuel Spill (Diese)	Actual	Transportatio...	02/07/2007	
CO CSP HAZMAT		07028C24	Fuel Spill (Diese)	Actual	Transportatio...	02/07/2007	
CO CSP HAZMAT		07028C02	Agency Assist	Actual	Other-Not As...	02/05/2007	
CO CSP HAZMAT		07028C04	Fuel Spill (Diese)	Actual	Transportatio...	02/05/2007	
CO CSP HAZMAT		07028C03	Fuel Spill (Diese)	Actual	Transportatio...	02/03/2007	
CO CSP HAZMAT		07028C08	Fuel Spill (Diese)	Actual	Transportatio...	02/02/2007	
CO CSP HAZMAT		07028C01	Product Spill (Diese)	Actual	Transportatio...	02/02/2007	
CO CSP HAZMAT		07018C13	Fuel Spill (Diese)	Actual	Transportatio...	01/31/2007	
CO CSP HAZMAT		07018C12	Agency Assist	Actual	Other-Not As...	01/31/2007	
CO CSP HAZMAT		07018C09	Agency Assist	Actual	Other-Not As...	01/22/2007	
CO CSP HAZMAT		07018C10	Fuel Spill (Diese)	Actual	Transportatio...	01/21/2007	
CO CSP HAZMAT		07018C08	Fuel Spill (Diese)	Actual	Transportatio...	01/20/2007	
CO CSP HAZMAT		07018C07	Agency Assist	Actual	Transportatio...	01/16/2007	
CO CSP HAZMAT		07018C06	Fuel Spill (Diese)	Actual	Transportatio...	01/16/2007	
CO CSP HAZMAT		07018C05	Fuel Spill (Diese)	Actual	Transportatio...	01/12/2007	
CO CSP HAZMAT		07018C04	Agency Assist	Actual	Other-Not As...	01/12/2007	
CO CSP HAZMAT		07018C01	Agency Assist	Actual	Transportatio...	01/09/2007	
CO CSP HAZMAT		07018C02	Agency Assist	Actual	Other-Not As...	01/08/2007	
CO CSP HAZMAT		07018C03	Fuel Spill (Diese)	Actual	Transportatio...	01/05/2007	

Posted to

COG Name Date Received

Sites

Name Address 1 Address 2 City State Postal County

Ready View Connected Mountain Daylight Time

Ability to select multiple records when archiving previous incidents



Ability to delete additional versions of the incident record from the Archived Incident List

Note: The current version of DMIS saves a record to the archived list when an attachment is not linked. This results in an error message that states the archive failed, whereas in fact it didn't. It just saved a version without the attachment.

CO CSP HAZMAT	1 06058C05	Suspicious Incident	Actual	Other-Not As...	05/06/2006 0
CO CSP HAZMAT	2 06058C04	Fuel Spill (Diesel)	Actual	Transportatio...	05/05/2006 1
CO CSP HAZMAT	1 06058C04	Fuel Spill (Diesel)	Actual	Transportatio...	05/05/2006 1
CO CSP HAZMAT	1 06058C03	Fuel Spill (Diesel)	Actual	Transportatio...	05/03/2006 0
CO CSP HAZMAT	5 06058C02	Fuel Spill (Diesel)	Actual	Transportatio...	05/03/2006 0
CO CSP HAZMAT	4 06058C02	Fuel Spill (Diesel)	Actual	Transportatio...	05/03/2006 0
CO CSP HAZMAT	3 06058C02	Fuel Spill (Diesel)	Actual	Transportatio...	05/03/2006 0
CO CSP HAZMAT	2 06058C02	Fuel Spill(Diesel)	Actual	Transportatio...	05/03/2006 0
CO CSP HAZMAT	1 06058C02	Fuel Spill(Diesel)	Actual	Transportatio...	05/03/2006 0
CO CSP HAZMAT	1 06058C01	Fuel Spill (Diesel)	Actual	Transportatio...	05/02/2006 1
CO CSP HAZMAT	1 06048C20	Product Spill (Hydrotint Liquid Iron Red)	Actual	Transportatio...	04/28/2006 0
CO CSP HAZMAT	2 06048C21	Product Spill (Crude Oil)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	1 06048C21	Product Spill (Crude Oil)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	7 06048C23	Agency Assist (Supp)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	6 06048C23B	Agency Assist (Supp)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	5 06048C23B	Agency Assist (Supp)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	4 06048C23B	Agency Assist (Supp)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	3 06048C23-B	Agency Assist (Supp)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	2 06048C23-B	Agency Assist (Supp)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	1 06048C23	Agency Assist (Supp)	Actual	Transportatio...	04/27/2006 0
CO CSP HAZMAT	1 06048C23	Agency Assist	Actual	Other-Not As...	04/27/2006 0
CO CSP HAZMAT	2 06048C19	Fuel Spill (Diesel)	Actual	Transportatio...	04/25/2006 0
CO CSP HAZMAT	1 06048C19	Fuel Spill (Diesel)	Actual	Transportatio...	04/25/2006 0
CO CSP HAZMAT	2 06048C12	Fuel Spill (Diesel)	Actual	Transportatio...	04/21/2006 1
CO CSP HAZMAT	1 06048C12	Fuel Spill (Diesel)	Actual	Transportatio...	04/21/2006 1
CO CSP HAZMAT	1 06048C11	Agency Assist	Actual	Transportatio...	04/21/2006 1
CO CSP HAZMAT	1 06048C10	Clandestine Lab (Dump Site)	Actual	Other-Not As...	04/20/2006 1
CO CSP HAZMAT	1 06048C08	Agency Assist	Actual	Other-Not As...	04/20/2006 1

DELETE



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

ARCHIVING INCIDENTS

- User needs to be able to select multiple records for archiving. This is a particularly important capability for agencies that use DMIS on a frequent basis.
- The current archiving process in DMIS can result in the unintentional creation of multiple archived versions of the same incident record.
 - Improve error checking to prevent the unintentional creation of archived records.
 - Provide the user with the ability to delete duplicate records.
- There are legal considerations that currently prevent a user from deleting incident records entered in the DMIS.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

ARCHIVING INCIDENTS

- There are however occasions when deleting a record would be desirable:
 - When a later version of a record is revised and it would be preferable to not archive the incorrect version for future reference; or
 - When an incident record was entered in error, or is a duplicate and the user would prefer to create a new record rather than to replace the data in the old one.
- Creating a “Trash “ folder would be an optional solution. This would allow the user to place unwanted records in that folder, thus maintaining the integrity of the records in the Working and Archived Incident Lists.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

CURRENT DMIS FUNCTIONALITY

SUGGESTED IMPROVEMENTS



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

SUGGESTED CURRENT IMPROVEMENTS

- Change the DMIS Messenger window to show the list of on-line operators rather than the New Messenger button, when you first logon to DMIS.
- Change the “Add” button to read “Invite” and change the window heading to “Invite Operator to DMIS Messenger Session.”
- When you are in an “Incident Information” window and print a “Working Incident Detail” report, it does not print the attached map.
- There is no flexibility in reports under the DMIS services drop-down menu to select specific data elements.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE

SUGGESTED CURRENT IMPROVEMENTS

- Being able to print Reports in either portrait or landscape format and on different sizes of paper, e.g., legal.
- In the Map tool, panning to adjacent areas of the map could be expedited by adding a drag and drop option.
- Add the ability to change the date and time of Journal entries.



COLORADO STATE PATROL

TROOP 8-C, HAZARDOUS MATERIALS TRANSPORT SAFETY AND RESPONSE