



E-PLAN QUARTERLY NEWSLETTER

THE UNIVERSITY OF TEXAS AT DALLAS
ERIK JONSSON SCHOOL OF ENGINEERING & COMPUTER SCIENCE (CSEPI)
CYBERSECURITY & EMERGENCY PREPAREDNESS INSTITUTE

Volume 1, Issue 2

June 30, 2008

E-Plan Update from the Executive Director

E-Plan has seen a large increase in the number of hazardous chemical facilities in its database the past year. Last year on June 30, 2007 there were 62,624 facilities in the database and as of June 30, 2008 this year there are 148,395 hazmat facilities. This represents a 137% growth in Risk Management Plan (RMP) and SARA Title III Tier II facilities over the past year. E-Plan registered users have grown from 1,667 to 2,278, up 37% over this same time period. In all of 2007, users logged on to E-Plan a total of 16,440 times and January through June of this year we have had 13,506 of you log-on and use E-Plan (see page 4).

On Friday, June 20th, I received an email from Mary E. Mitton the Contracting Officer from the U.S. General Services Administration informing me that UT Dallas had been awarded a five year GSA contract in Environmental Services. This GSA award

allows UT Dallas to do business with federal and state agencies directly by submitting proposals to their GSA Schedule opportunities.

E-Plan can get a lot better in assisting you. But to do so we need your help. E-Plan success today belongs to the efforts of first responders that made sure we knew what they needed in hazardous chemical emergencies. As we move forward with your help, please plan to attend the E-Plan Users Group Conference schedule for November 25, 2008. I know this is not a good date but it was the only date in the fall that did not interfere with other scheduled conferences and workshops important to you. If you attend you should still be able to have Thanksgiving with your family. However, you will need to book airlines very soon (see conference details on page 3).

Best regards,
Dr. E. Douglas Harris

Special points of interest:

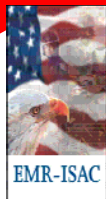
- ◆ The University of Texas at Dallas (UT Dallas) received the U.S. General Services Administration Federal Supply Schedule contract number GS-10F-0267U on June 20, 2008 for Special Item Numbers (SINs) 899-1 (Environmental Planning Services and Documentation) and 899-3 (Environmental Occupational Training Services), as well as Recovery Purchase (RC) SINs 899-1RC and 899-3RC.

<http://csepi.utdallas.edu/GSASchedule899ESAwardLetter.pdf>

<http://csepi.utdallas.edu/UTDallasGSApricelist.pdf>

- ◆ UT Dallas is among the first to be designated by the National Security Agency (NSA) and the Department of Homeland Security (DHS) as National Centers of Academic Excellence in Information Assurance Research (CAE-R) for the years 2008 - 2013. Click on the link below to view the announcement.

http://www.nsa.gov/releases/cae_r.cfm



Emergency Management and Response Information Sharing and Analysis Center (EMR-ISAC)

INFOGRAM 20-08**May 29, 2008**

NOTE: This INFOGRAM will be distributed weekly to provide members of the Emergency Services Sector with information concerning the protection of their critical infrastructures. For further information, contact the Emergency Management and Response- Information Sharing and Analysis Center (EMR-ISAC) at (301) 447-1325 or by e-mail at emr-isac@dhs.gov.

E-Plan Implementation for First Responders

Responding to incidents involving chemical hazards is especially dangerous to first responders because many do not have extensive hazardous materials training or readily available resources. The Department of Homeland Security (DHS) Emergency Services Sector—Sector Specific Agency (ESS-SSA) informed the Emergency Management and Response—Information Sharing and Analysis Center (EMR-ISAC) that the Environmental Protection Agency (EPA) created E-Plan to help satisfy the need of emergency responders for immediate, actionable information about local chemical hazards.

Developed by the EPA, in collaboration with the University of Texas at Dallas, E-Plan is a means of collecting chemical facility reporting information and addressing Federal regulations regarding chemicals in the community. Its purpose is to encourage and support emergency planning efforts at the state and local levels and to provide the public and local governments with information concerning potential chemical hazards present in their communities.

E-Plan is a free access-restricted on-line database of chemicals and chemical facility information, with cross-references to vulnerable assets such as schools and hospitals. The database is fully searchable by company and facility name, chemical name, chemical amount at the facility, placard number, Chemical Abstract Services (CAS) number, and reporting area. Search results will display facility listings, including amounts of chemical stores, high and low volume reporting, as well as corporate and emergency contact information.

To make more information available to sector personnel, the ESS-SSA, in cooperation with the EPA, is working to increase use of the E-Plan database by chemical facility owners and emergency managers for more complete reporting across the nation.

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The National Infrastructure Coordinating Center (NICC) within the Department of Homeland Security (DHS) Office of Infrastructure Protection is the central point for notifications regarding infrastructure threats, disruptions, intrusions, and suspicious activities. Emergency Services Sector personnel are requested to report any incidents or attacks involving their infrastructures using at least the first and second points of contact seen below:

- 1) NICC - Voice: 202-282-9201, Fax: 703-487-3570, E-Mail: nicc@dhs.gov
- 2) Your local FBI office - Web: <http://www.fbi.gov/contact/fo/fo.htm>
- 3) EMR-ISAC - Voice: 301-447-1325, E-Mail: emr-isac@dhs.gov, fax: 301-447- 1034, Web: www.usfa.dhs.gov/subjects/emr-isac, Mail: J-247, 16825 South Seton Avenue, Emmitsburg, MD 21727

First Annual E-Plan Users Group Conference scheduled on November 25, 2008

The First Annual E-Plan Users Group Conference will be held on **Tuesday, November 25, 2008** at The University of Texas at Dallas in Richardson, Texas. The event will highlight best practices for hazardous chemical response and develop ongoing strategies to improve the E-Plan program. Early notification regarding the conference is to help you budget travel expenses for the Conference. Conference Registration fees will be about \$30 per person to cover the costs for breakfast, breaks, and lunch. Great hotels in the Richardson, Texas area (Renaissance & Hyatt) are usually less than \$100 per night for UT Dallas events.

The conference will be one day in length so that your travel plans can be arranged to accommodate any Thanksgiving holiday plans you may have made.

7:30 AM – 8:00 AM: Registration

8:00 AM – 4:30 PM: Conference events

4:30 PM – 6:30 PM: Reception with door prizes

Highly knowledgeable keynote speakers with hazardous chemical response and management experience are being planned to ensure an outstanding program.

Preliminary agenda items include:

E-Plan Best Practices

E-Plan Success Stories

How are users utilizing E-Plan?

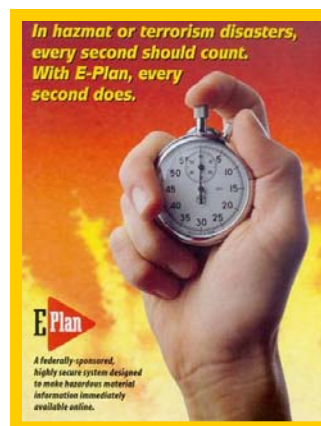
Review how E-Plan's Online Tier II Submit works

What new E-Plan features are needed?

Demonstration of E-Plan (for new users)

E-Plan electronic Bulletin Board demonstration

Many other key aspects of E-Plan will be discussed



We need knowledgeable speakers and session leaders for this conference!

If you have suggestions for the agenda, or would like to volunteer to lead a session, please contact us by using the **"Contact Us"** button on the E-Plan homepage at <https://erplan.net> or by

E-mail: eplan@utdallas.edu

Phone: 972-883-2631

Fax: 972-883-4441

Mail: The University of Texas at Dallas

CyberSecurity and Emergency Preparedness Institute

Attn: E-Plan

800 West Campbell Road, WT-11

Richardson, TX 75080

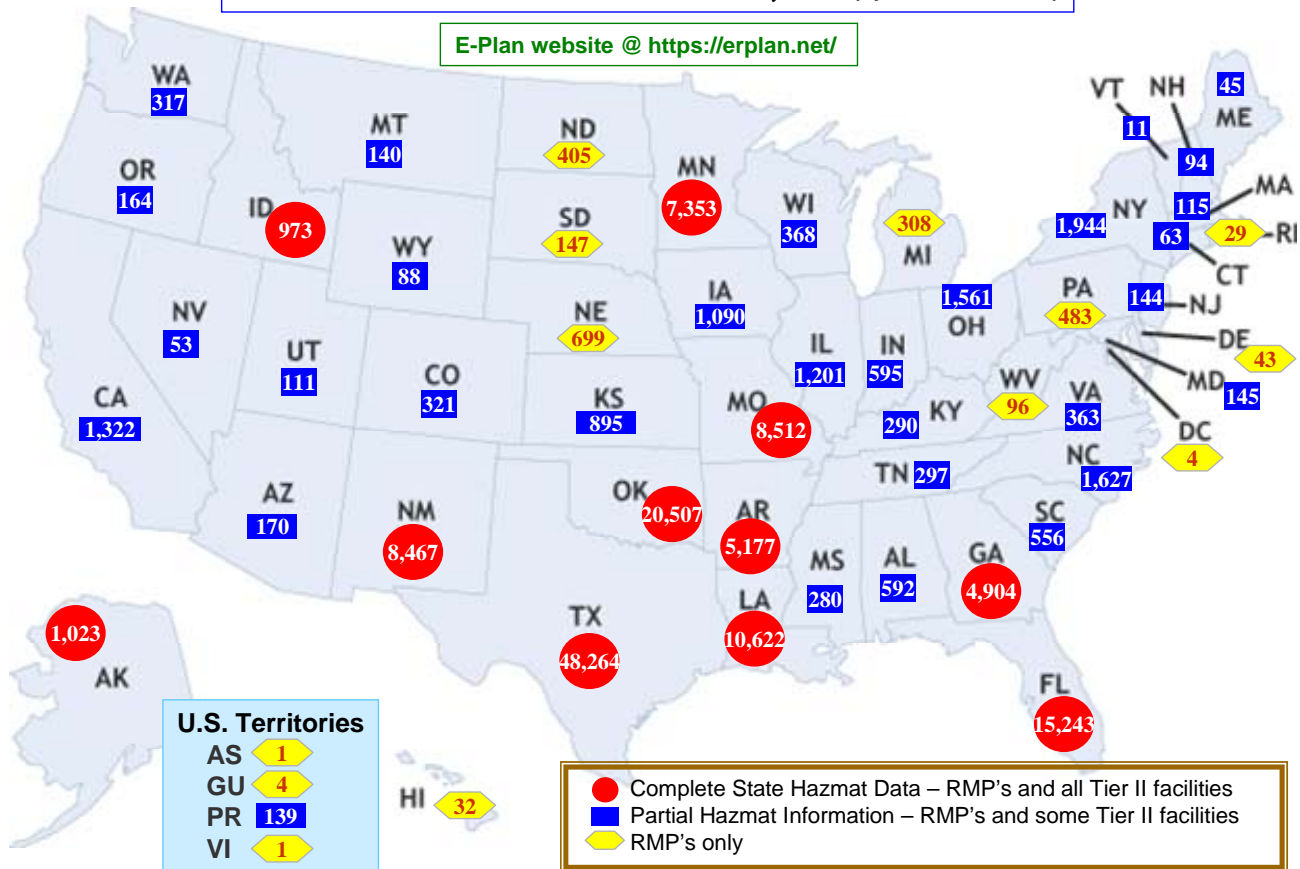
E-Plan Statistics (as of 6/30/2008)

- E-Plan coverage
 - ⇒ All EPA collected RMP facility data in 50 States and 4 U.S. Territories
 - ⇒ All Tier II facilities in 11 states (Alaska, Arkansas, Florida, Georgia, Idaho, Louisiana, Minnesota, Missouri, New Mexico, Oklahoma, and Texas)
 - ⇒ Some Tier II facilities in 30 other states
- Unique chemicals in E-Plan: 22,777

- E-Plan registered users: 2,278
- E-Plan presentations / training were held in Arkansas, Florida, Illinois, Louisiana, Maryland, Minnesota, Nevada, North Carolina, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, Texas, Virginia, and Washington D.C.
- E-Plan website visits
 - ⇒ 2007: 16,440
 - ⇒ Jan-June 2008: 13,506

Total Facilities in E-Plan = 148,395 (updated 6/30/2008)

E-Plan website @ <https://erplan.net/>



Hazardous chemical shipments face rerouting

By Lynn Bergeson, regulatory editor
ChemicalProcessing.com

DOT issues new railway rules to keep safety and security on right track

An interim final rule that will have important implications for railway and chemical interests was issued on April 16, by the Pipeline and Hazardous Materials Safety Administration, in coordination with the Federal Railroad Administration and the Transportation Security Administration issued (73 Fed. Reg. 20752).

New shipping requirements for chemicals

The interim final rule is intended to fulfill requirements under Section 1551 of the Implementing Recommendations of the 9/11 Commission Act of 2007. Under the rule, the U.S. Department of Transportation (DOT) is requiring rail carriers to compile annual data on certain shipments of explosive, toxic by inhalation, and radioactive materials, use the data to analyze safety and security risks along rail routes where those materials are transported, assess alternative routing options, and make routing decisions based on those assessments. DOT also clarified rail carriers' responsibility to address in their security plans issues related to en route storage and delays in transit. In addition, DOT adopted a new requirement for rail carriers to inspect placarded hazardous materials rail cars for signs of tampering or suspicious items, including improvised explosive devices (IED).

Key provisions for rail carriers in this new rule include:

- ◆ Those transporting certain explosives, poison inhalation hazard (PIH) materials, and radioactive materials must compile information and data on the commodities transported, including the routes over which these commodities are transported.
- ◆ Those transporting the specified hazardous materials must use the data they compile and relevant information from state, local and tribal officials, as appropriate, regarding security risks to high-consequence targets along or in proximity to a route to analyze the safety and security risks for each route used and practicable alternative routes to the route used.
- ◆ Using these analyses, rail carriers must select the safest and most secure practicable route for the specified hazardous materials.
- ◆ In developing security plans, rail carriers must specifically address the security risks associated with shipments delayed in transit or temporarily stored in transit.
- ◆ Those transporting the covered hazardous materials must notify consignees of any significant unplanned delays affecting the delivery of the hazardous material.
- ◆ They must work with shippers and consignees to minimize the time a rail car containing one of the specified hazardous materials is placed on track awaiting pick-up, delivery or transfer.
- ◆ They must conduct security visual inspections at ground level of rail cars containing hazardous materials to check for signs of tampering or the introduction of an IED.

The rule's impact

The new rule is certain to have broad implications for many sectors. A few key implications include the need to carefully characterize certain materials. For example, rail carriers must obtain "information and data" from entities transporting certain materials. One category is PIH materials. It isn't entirely clear what materials are considered PIH and what kind of information and data are required to satisfy the rule's requirements.

Also, rail carriers shoulder a heavy burden in selecting the "safest and most secure practicable route" for certain hazardous materials. Reasonable people will disagree over what's "safest," "most secure," and "practicable." As with any selection process, trade-offs are involved and, almost certainly, rail carriers will need to carefully balance competing interests. Other important, but somewhat open-ended, requirements must be met by rail carriers who will rely upon information from their customers to discharge their legal burdens under the rule. How this information will be shared and assessed remains unclear, as are the financial implications of designing new routes. The day-to-day commercial implications of new rail delivery routes also remain to be seen. It's reasonable to expect, however, that some dislocation and unpredictability will occur.

The rule was effective as of June 1. Readers should track this new measure.

Lynn Bergeson is managing director of Bergeson & Campbell, P.C., a Washington, D.C.-based law firm that concentrates on chemical industry issues. Contact her at lbergeson@putman.net. The views expressed herein are solely those of the author. This column is not intended to provide, nor should be construed as, legal advice.

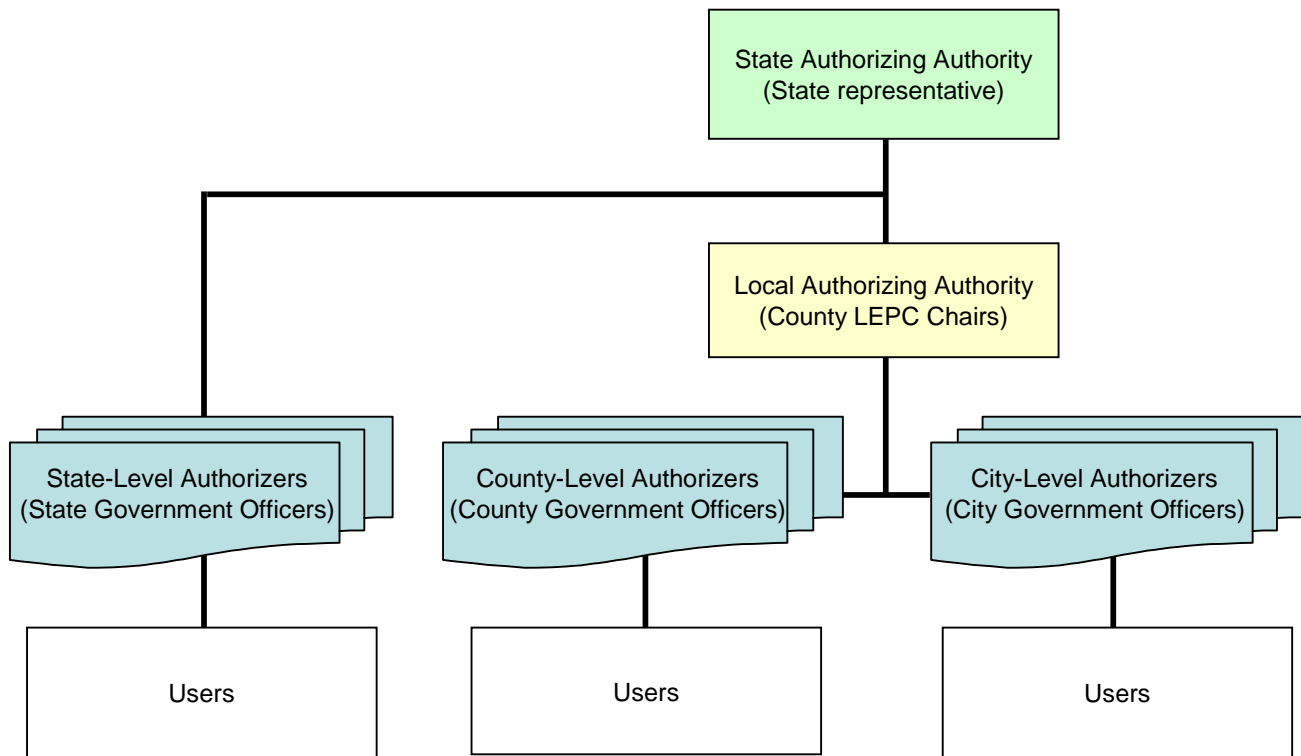


E-Plan Authorizing Authority Hierarchy

The rate of requests for E-Plan accounts and administration is gaining speed quickly. Most of the states do not have the E-Plan Authorizing Authority hierarchy in their state and counties. Therefore, many account requests are still pending for approved by authorizers. We encourage State Emergency Management Offices and County LEPC Offices to contact us so we can setup the E-Plan Authorizing Authority hierarchy in their state and counties.

The chart below is to serve State Emergency Management Offices and County LEPC Offices as guidance in determining the E-Plan Authorizing Authority hierarchy in their state and counties. This approach would support keeping the authorizing authority centralized for users. Our goal is to have multiple authorizers in each county, each one representing their specific response discipline (i.e., police, fire, ems). From there, users (from those disciplines) can request user access to the system through their appropriate discipline-specific authorizer.

Using this centralized manner will alleviate a bottleneck or backlog of requests to access the system and will support one of our overarching goals—maintaining the security of the system and the information it contains.



About E-Plan

E-Plan is a proven system that provides first responders and others with on-site hazardous chemical information for facilities around the U.S. E-Plan is a web-based system that is very secure, easy to use, extremely fast and highly available. E-Plan also has a searchable chemical feature to be used in hazmat transportation incidents.

E-Plan's database contains fixed facility hazardous chemical information with an individual chemical search capability that can be used in transportation accidents. This database is the largest repository of its kind in the United States. It delivers the hazmat information anywhere that wired or wireless internet access is available. E-Plan's database has GIS and Google mapping capabilities, providing detailed information when every second counts.

Best of all, this service is free of charge to first responders and state and federal users.



E-Plan website
<https://erplan.net>

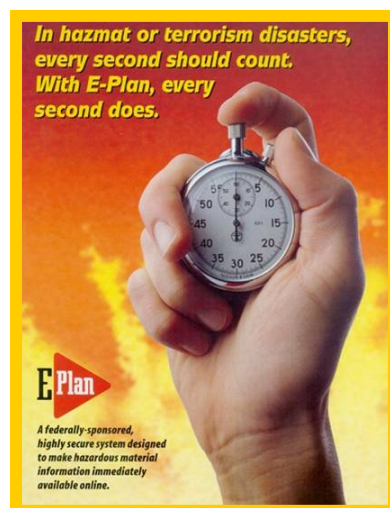
About the CSEPI Institute

The CyberSecurity and Emergency Preparedness Institute (CSEPI) at The University of Texas at Dallas (UT Dallas) is recognized nationally and internationally as a service provider in emergency preparedness, benchmarking, and cyber security to local, state, national and international organizations. The Institute has three Centers; CyberSecurity Research Center (CSRC), Global Information Assurance Center (GblAC) and Emergency Preparedness Center (EPC), each of which addresses a separate set of issues in cyber crime, information assurance, and emergency preparedness. The Institute is one of only a handful of entities of its kind in the United States.

The Erik Jonsson School of Engineering and Computer Science at UT Dallas supports this initiative with a broad offering of courses in Information Assurance, Cryptography, Biometrics, Intrusion Detection, Cyber Security, Network Security, Data Mining and

About the Jonsson School

With more than 2,600 students, nearly 100 faculty and over \$27 million in research funding, the Erik Jonsson School of Engineering and Computer Science at UT Dallas is in the midst of a \$300 million public-private initiative that includes the recent completion of a 192,000-square-foot interdisciplinary research building. Named after Texas Instruments co-founder J. Erik Jonsson, the school awards degrees in electrical engineering, computer science, telecommunications engineering, computer engineering, software engineering, and materials science and engineering.

**Contact Us**

Send your comments and questions and suggestions to:

By e-mail: erplan@utdallas.edu

By phone: 972-883-2631

By fax: 972-883-4441

By mail: The University of Texas at Dallas
CyberSecurity & Emergency Preparedness Institute
Attn: E-Plan WT-11
800 West Campbell Road
Richardson, TX 75080-3021

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