

## ITS/PS INFORMATION EXCHANGE PROJECT

Initiated in 2005, the **Intelligent Transportation Systems (ITS) and Public Safety (PS) Information Exchange Project** is a collaborative effort of the transportation and public safety communities. The U.S. Department of Transportation (DOT) and the U.S. Department of Justice (DOJ) co-sponsor the project with management support provided by the IJIS Institute.

Both the transportation and public safety communities have been developing information exchange standards unique to their own needs and systems. Transportation incident management utilizes standards developed in conjunction with the **Institute of Electrical and Electronics Engineers (IEEE)**. The public safety community has developed the U.S. Department of Justice **Global Justice XML Data Model (GJXDM)**, supported by the Global Justice Information Sharing Initiative (Global).

Led by a steering committee composed of both practitioners and industry representatives, and supported by technical working teams and subject-matter experts, the project is engaged in the development of standardized Information Exchange Packages incorporating both GJXDM and IEEE standards. This project does not seek to supplant those existing intra-community standards, but instead the project focus is on identifying the common information interests of the two communities and developing exchange methods for data sharing where their interests intersect. These GJXDM/IEEE exchanges provide a flexible method for the transfer of essential information now and in the future.

**E**mergencies demand effective communication of information between public safety and transportation agencies responding to any situation, but the absence of a uniform approach for data sharing remains a barrier. To fill this void, the Intelligent Transportation Systems and Public Safety Information Exchange Project is establishing a standards-based approach to critical information exchange.

[www.its.dot.gov/PS\\_Transinfoexchange.htm](http://www.its.dot.gov/PS_Transinfoexchange.htm)

**B**y facilitating faster and better communications, this project will enhance daily operations and help ensure more immediate, safe, and effective response to routine incidents, natural disasters, terrorist acts, and other major incidents. Public safety and transportation agencies will have more accurate and timely information to perform their role, and the public will be better served in times of emergency.

### The benefits to agencies implementing these exchanges include:

- Faster exchange of information between agencies.
- Increased accuracy of information exchanged between agencies.
- Savings in costs by using the same exchanges with a variety of agencies.
- Better personnel utilization and efficiency.
- Shortened response times.
- Faster clearance of events.
- Improved responder safety through better information.

## INCIDENT MANAGEMENT EXCHANGES

The 12 traffic-related incident management information exchanges modeled in the ITS/PS project include:

1. Incident Notification
2. Incident Status Update
3. Incident Summary
4. Request Incident List
5. Event Information
6. Event List
7. Request for Specific Event Information
8. Request Event List
9. Request for Service
10. Decision Response
11. Request Road Conditions
12. Road Conditions



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**BJA** Bureau of Justice Assistance

This project is supported by Grant No. 2003-LD-BX-0007 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime. Points of view or opinions in this document are those of the author and do not represent the official position or policies of the United States Department of Justice.



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