

Information Technology Committee

Purpose Statement

The Information Technology Committee's charge is to improve the domestic preparedness of Illinois through the collaboration and integration of information technology on an enterprise scale, which fosters information sharing throughout the first responder community. The integration of hardware, software, applications, and other technology-related resources is centered on first responder and constituency safety. These endeavors prove vital to the success of the Illinois Terrorism Task Force and have a leading affect on national collaboration efforts.

2008 Key Activities

- The Illinois Citizen and Law Enforcement Analysis and Reporting System (ICLEAR) Data Warehouse continued to grow in size and users throughout 2008. In addition to the 40 million records from the statewide Criminal History Records Information System (CHRIS) and 6.1 million mugshots, the Illinois State Police (ISP) continued working to obtain police case and incident data. With a vendor partner, ISP added one year (CY2007) of original and supplementary case reports from the Chicago Police Department's (CPD) CHRIS system, representing hundreds of thousands of documents and several times that of people, places, property, and incidents. ISP has also put into production technology that loads case data from CPD into the Data Warehouse (DWH) on a nightly basis. Currently the DWH houses more than 553,000 CPD incident and case reports. At the end of 2008, approximately 250 law enforcement and homeland security professionals were accessing the Data Warehouse.
- In 2008, ISP developed a prototype management dashboard to provide user-driven analysis of various data sets contained in the DWH. ISP and the Illinois Law Enforcement Alarm System (ILEAS) are currently seeking to acquire a Business Intelligence and Analytics tool. This tool will expand law enforcement's ability to report, analyze, and present the data stored in the ICLEAR DWH in a manner that will provide for the proactive allocation of resources to better protect the citizens of Illinois.
- The flagship ICLEAR application is an incident/case reporting application called ICase. In a partnership with CPD and ILEAS, the ISP completed development of ICase in August 2007. Following a "beta" testing period, the ISP began rolling out ICase to the ISP in 2008. Currently, 140 patrol and investigative officers in multiple areas of the state are using ICase, with significant expansion to occur in 2009.
- In 2008, ISP achieved its goal of successfully launching the Emergency Responder Biometric Credentialing Program. Initial issuance of the new credentials began in early autumn, which



involved reaching out to team leaders in core constituencies of the emergency responder community. Illinois is the first state to have successfully launched such an initiative, and the project team has worked closely with the federal government to provide feedback on integration of non-federal jurisdictions into the Federal Response Framework. To supplement this initial issuance, the project began planning for follow-on system enhancements.

- The credentialing project also issued incident-specific credentialing materials to ILEAS command vehicles throughout the state. This equipment is bundled in a kit – consisting of two laptops, a driver's license scanner, a large four-color card printer, a digital camera and cardstock – and provides for immediate issuance of temporary photo identification to emergency responders and other individuals with incident-specific needs. Within a week of issuance, one of the kits was deployed to a large-scale crime scene in Northwestern Illinois. In addition to this deployment, temporary credentialing was used after Hurricane Ike and during the historic Barack Obama rally on election night.
- The statewide Learning Management System (LMS) contract was finalized in February and kick-off sessions were held at the annual ILEAS conference in March. ILEAS, CPD, law enforcement agencies, IEMA and the Illinois Law Enforcement Training Board were all involved in requirements gathering meetings. Meetings with the Illinois Fire Service Institute were held to discuss the synergy between their training and the LMS.
- The LMS implementation team was provided training on the development tools, and technical requirements were defined. During the summer, configuration and testing of the application occurred. Requirements gathering for the LMS weapons inventory subsystem was completed, and work began on this subsystem. The online training conversion and development began in September, which included updates to the hazmat training module and Law Enforcement Agencies Data System (LEADS).
- The Illinois Livestock Emergency Response Tool (ILERT) collects premise GIS information as livestock are registered and is used as needed for outbreak notification. This GIS application is in production and is available to all 102 counties. The Illinois Department of Agriculture is currently in the process of expanding its GIS infrastructure with the intent of improving the collection, storage and distribution of spatial data to first responders and key decision makers.

2009 Initiatives

Committee work in 2009 will begin a transition from a focus on large initiatives to technical research and the pursuit of additional funding sources.

- ISP and ILEAS are currently seeking to acquire a business intelligence and analytics tool that will expand law enforcement's ability to report, analyze, and present the data stored in the ICLEAR DWH in a manner that will provide for the proactive allocation of resources to better protect the citizens of Illinois.
- The committee will complete programming to move ICase data to DWH. This makes incident and case data broadly available to DWH users for query, analysis, and reporting. In



addition, the ICLEAR DWH will begin to receive case data from local law enforcement to further facilitate statewide information sharing.

- Significant progress will be made on programming to send Illinois' police incident reports to the new FBI NDEx (National Data Exchange) program. This should be completed in early 2010.
- Statewide rollout of ICase will expand to additional ISP Districts and pilot city and county agencies.
- ISP's Identity Management (IDM) product will be configured and implemented in an initial environment and application. IDM will be used for user authentication and authorization and will provide single sign-on capability for users of ICLEAR systems.
- The credentialing project will issue approximately 5,000 production credentials to the emergency response community including, but not limited to, the State Weapons of Mass Destruction Teams, the Mutual Aid Box Alarm System (MABAS) teams, and the ILEAS teams. In addition, the project will coordinate technical and procedural enhancements to improve the credentialing process
- The LMS system will be implemented, tested and accepted, with 10 law enforcement agencies live by March 31, 2009. The remaining 1,200 law enforcement agencies will be brought online throughout the year with full implementation expected by Dec. 31, 2009.

