

FIRST RESPONDER CREDENTIALING

CGN helped our client develop a system for providing biometric smart card credentials to all first responders in the state of Illinois.

Business Problem

In the event of a natural or man-made emergency, Hazardous Materials (HAZMAT), Weapons of Mass Destruction (WMD), Technical Rescue, and other teams of highly trained responders will arrive at the scene from locations scattered across the state. The members of the Emergency Response Teams (ERT) need rapid access through the security perimeter of the incident.

CGN Solution

The system issues biometric smart card credentials to all first responders in the state of Illinois. This system allows ERT members to be positively identified at the established perimeter, regardless of whether network access is available at the scene. Identities are verified using a biometric template stored on the smart card along with a digital certificate issued by the state Public Key Infrastructure (PKI). This includes permanent smart cards with fingerprint and PIN identification encrypted on a 64K chip compatible with federal First Responder Access Cards (FRAC) and FIPS-201. The identity cards are acceptable at the Federal, State, and local level. This is a Department of Homeland Security funded project implementing Presidential Directive 12 (HSPD-12). Also included is a system for producing temporary ID cards for volunteers at the scene of an incident, a system for checking people in and out of an incident scene, and development of applications for verifying credentials on a PDA (hand held device). Equipment was procured along with rugged packaging for up to 16 command vehicles stationed around the state. Training was developed for all users as well.



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CGN CASE STUDY: LEAN OFFICE

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Customer Benefit

Allowed the client to collect and view customer information from one application as well as target marketing efforts to specific customer groups.



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