

Smart DSMS™

*Aside from your first responders and their equipment,
the only thing you need at a disaster site*



SmartDSMS is NIMS compliant AEL Reference Number 4.1.3.2 (approved for all grant programs)

Disaster Site Management System

SmartDSMS



SuperCom's Total Solution for Incident Site Management

SuperCom, a global provider of smart card systems, develops, manufactures and sells authentication and security solutions. Smart DSMS™ provides the most robust and comprehensive solution available for incident site management. It solves the problem of diverse or incompatible authentication and credentialing processes and standards, for different agencies and jurisdictions, through the flexibility of the smart card equipped identification badge. SmartDSMS establishes a portable, extensible, adhoc, wireless *wide area network* (900 MHz, or other customer selected frequencies, such as 800MHz) at the incident site, providing the communications infrastructure for authentication, accountability, and multi-agency interoperable communications applications.

The wireless wide area network (W-WAN) currently supports three primary application modules:

- ***An Interoperable, Stand-alone Communication System*** that supports any emergency communications device (RF, LMR walkie talkie, cell phone, CDPD) at the disaster site, by converting all transmissions to voice over IP, and leveraging the SDSMS stand alone communications infrastructure, with self-contained power.
- ***Badging and Credentialing*** with flexible vetting options, based on the issuing agency's policies and standards. The local first responders to the incident are pre-credentialed prior to the event. Other responding personnel are provided with badges at the on-site enrollment stations. The advantages of this "smart" solution include the ability to store personal data on the card such as fingerprint, blood type, allergies and emergency contact information and the ability to appoint an authorization level to each access station and/or enrollee. Access data is maintained in real-time at the command center and enrollment stations operate in both online or offline modes.
- ***Accountability/Database Management System*** tracks the ingress and egress of all credentialed personnel, records all transactions and assists in personnel management at the incident site. This database is a critical tool in ensuring that incident managers know who is on or off site. It provides reliable real-time reports that account for all personnel, grants or denies access into specified zones, and exports transaction data remotely in standard XML.

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SuperCom
Pure e-ID



A Total Solution that is Interoperable, Scalable and Portable

SmartDSMS distinguishes itself from older bar code systems that use WiFi for site communications in three ways:

The system interoperates with most statewide emergency communication frequencies: The smart card is also flexible enough to accommodate varied vetting procedures and credentialing standards. The interoperable communications system supports all first responder emergency communication devices, on or off the incident site.

The system is highly scalable: An organization can start out with a system as small as a briefcase and expand through adding components, on a modular basis, up to a system capable of surrounding a significant portion of a metropolitan area. The system supports both WiFi (802.11) as well as a wide area 900 or 800 MHz network at the disaster site.

The system is portable: Built as a modular solution, it is intended for mobility and can easily be moved from one disaster site to the next. SmartDSMS can also be assembled by two people in under 15 minutes at the incident site.

Challenge

SmartDSMS Solution

Interoperability

- Instantly authenticates personnel from multiple agencies and jurisdictions using the same smart card, regardless of vetting and credential process.
- Interoperates with most types of emergency communications devices by establishing a wide area IP based network at the incident site.
- Interoperates with most state-wide and local emergency communications networks.

Scalability

- Scales effectively to fit all the authentication and communications needs of first responders at an incident site, from a single, small site, up to an area that can extend for miles.
- Modular design allows for selective configuration of system components based on site condition and situation.

Durability

- Rugged, portable, weather-proof equipment designed for difficult physical conditions and extreme elements.
- DynaGate™ enclosure is moisture proof and heat and cold resistant (IP67).

Accountability

- Database tracks and archives all events and easily generates a variety of standard and customized reports, easily exportable to any spreadsheet or database.
- Provides a remote view of command center transactions via network connected clients and exports data via XML.

Flexibility

- Operates both on and offline, sustaining the database offline and updating the master database when connectivity is available.
- Dual chargeable batteries provide power with redundant battery continuously charging and optional back-up generators.
- Self-contained wireless network operates without outside communications and with or without optional Internet connectivity (additional hardware may be required).

Portability

- Quick and easy assembly of DynaGate station, enrollment station and command center by one or two people.
- System can be deployed in selective modules for smaller events (such as badging and authentication only for special events).

SuperCom, Inc. is ready and waiting to provide a real-time demonstration of the SmartDSMS in your area, at your convenience.

Grant assistance provided.

Contact SuperCom at 866-840-2762.



For more information contact:

IDentiphoto®

Specialists in IDentification

1810 Joseph Lloyd Pkwy.
Willoughby, OH 44094
Phone: (440) 306-9000
Toll Free: (800) 860-9111
Fax: (440) 306-9001
sales@identiphoto.com
www.identiphoto.com

www.supercomgroup.com