

Improving Situational Awareness and Emergency Response

Automation, Convenience and Control

Total Enforcement COMPUTER AIDED DISPATCH/RECORDS MANAGEMENT SYSTEM automates the entry of incident-based information, the generation of high-quality reports (historical, tracking, statistical) and the sharing of critical data across multiple agencies and geographies. Enter information once from any field location or precinct, and make it instantly available in a shared database.

Automated features include the following modules:

- Event
- Accident
- Alarm
- Arrest
- Case
- Personnel
- Field Interview
- Property & Evidence
- Diary
- Photo Imaging
- E911 Interface
- Citation
- Manpower Management
- Bar code integration – complete
- Comprehensive reporting in all modules
- Reproduction of state mandated forms
- Impounds
- Property
- Warrants
- Order of Protection
- Computer Aided Dispatch (CAD)



Total Enforcement is a state of the art software application which runs on any currently supported Microsoft client OS platform. The application MSI, is a mere 14 megabytes, which downloads quickly and installs easily with any type of network connection. There is no need for a CD based distribution, as the installer can even be emailed to a user. The Total Enforcement CAD/RMS system runs on each client PC, whether the device is using a local area network or remotely accessing the system via the Internet using a VPN or any type of secure network connection. The client technology is a .NET Smart Client. This technology is ideal, as both browser based and thick-client applications have many inefficiencies in a mobile environment and can actually be more demanding on a network connection.

Communication enhancements represent only a portion of the benefits of the Smart Client technology built into Total Enforcement. Extensive research and development resources have been invested into the design and implementation of this product. The Mobile login caches encrypted role and security profiles for offline authentication. Pick list and unique numbering functions are synchronized for local storage to permit off-line collection of data. Web Services and the extensive use of thread pooling provide a smooth transition between the connected and disconnected worlds where the modern public safety professional lives.

.NET Smart Client technologies are clear differentiators that set Total Enforcement apart from legacy products in the industry. This is not only .NET technology but the design and implementation of the latest .NET technologies and foundations.

Total Enforcement™ is the most advanced fully-integrated, automated records management and computer aided dispatch solution on the market today. Built on the latest Microsoft .NET technologies, Total Enforcement gives law enforcement agencies the power to collect, process and access information in real time – from virtually anywhere. With Total Enforcement, data accuracy and speed of access are dramatically increased. Efficiency, productivity, and law enforcement effectiveness is enhanced tremendously. Both tactical and strategic decision making processes are simplified by having direct, instantaneous access to comprehensive and accurate data that you can depend on. Just push a button, and the information you need is delivered securely, instantly, *wherever you are.*

Technical Overview of Total Enforcement™

Since the inception of Total Computer Group's state of the art software application Total Enforcement, the fundamental technology framework and development philosophy have been oriented towards a state of the art commercial off-the-shelf solution. Developed as a pure .NET solution, incorporating the latest features, functions and technologies available from Microsoft has allowed Total to leverage the latest cutting-edge development tools and techniques. As a Hi Potential ISV Gold Partner, Total is able to benefit from Microsoft evangelists, architects and developers, as well as direct access to Partner Technology Centers, such as the facility in Silicon Valley, CA. This program has allowed the entire solution to evolve as a highly efficient and eminently scalable enterprise application. As per Microsoft – Total is currently the ONLY public safety solutions provider utilizing these programs to their full potential.





A Complete Solution for Progressive Public Safety

Features of *Total* Computer Aided Dispatch

Total Enforcement Technical Specifications

Total Enforcement meets today's new challenges and demands with a unique, total solution – equally effective from the desktop or virtually any **mobile** location, because everyone uses the same software.

- Fully scalable to accommodate any size agency
- Instantly connects to NCIC, DMV and DCJS
- IBR, UCR compliant
- Dynamic Network Reconnection (continuously attempts to reconnect to network if mobile signal strength is intermittently lost, with no loss of data)
- Consistent software solution for both desktop and mobile users

"The officers love the idea of being able to enter case reports while on the road and have remarked how they find no difference in speed when comparing the mobile case entry with stationhouse desktop case entry. As an administrator, I am thrilled to see police officers remaining on their beats as opposed to sitting at a desk and typing on a computer."

- Lt. Eric Johansen
City of Peekskill PD



Computer Aided Dispatch (CAD)

- CAD is an integrated component of the core solution, which may be enabled/disabled as applicable.
 - Inherently shares Event data with the RMS modules. No duplication or passing of Event data between systems is necessary.
 - Supports complete integration with the RMS modules, sharing all Master Index searching, address validation, and user/personnel actions.
 - Allows emergency operations and communications to be fully automated by providing integration with E911 ANI/ALI controllers.
 - Provides for control, receipt, management, and logging of all 911 phone calls.
- Enables computer-controlled emergency unit dispatching and status updates.
 - Allows users to view real time unit status and event status monitors.
 - Provides a shift management/unit assignment tool to manage response resources on a shift by shift basis.
 - Maintains detailed unit history.
 - Provides capability to assign one or more available units to any Event using drag and drop or command line entry.
 - Supports dynamic ascending and descending sorting of Event and/or Unit listings by any displayed column.
 - Provides configurable notification timers for any type of call and any status type within each call type to allow dispatchers to be reminded of status checks.
 - Supports visual and audible notification of location alerts, timer threshold expiration, and specific Event procedures.
 - Provides a command line help utility containing a list of available commands.
 - Allows users to perform response management functions via mouse, command line or touch screen where available.
 - Provides an integrated pin mapping function to instantly generate a map of all validated, or selected active call locations.
 - Provides a voiceless dispatch function to allow automated routing of Event and Unit Status data to the vehicle where supported by a wireless infrastructure.
 - Allows users to update their own status, and/or Event information from the vehicle as applicable where supported.

Intelligent data means smart policing, which equals public safety at a lower cost

Fully integrated and automated COMPUTER AIDED DISPATCH/RECORDS MANAGEMENT SYSTEMS deliver powerful, new advantages to the real-time modern agency – increasing data accuracy and timeliness, availability of services, efficiency effectiveness and productivity.

Total Enforcement provides push-button access to law-enforcement automation

Total Enforcement's integrated CAD/RMS system gives law enforcement professionals new-found power, protecting people and property with secure, real-time, accurate information. The foundation of efficiency is driven by informed decisions. And the foundation of effective law enforcement is getting the right information at the precise moment you need it.



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