



*New World Systems®*  
The Public Sector Software Company

CAD



RECORDS



MOBILE



CORRECTIONS



COURTS



HOMELAND SECURITY

**Integrated  
Public Safety Software**



## **– 1,200 Public Safety Agencies Have Trusted New World Systems' Solutions for Over Two Decades –**

New World Systems' comprehensive integrated *Aegis*® Public Safety solution satisfies the varying needs of public safety departments – from fast and efficient dispatching to easy access to law enforcement, fire and EMS records, reports and databases.

Unlike many public safety software vendors, New World develops its public sector software suite in-house, providing a truly integrated system with easy access to critical information throughout your agency to increase safety and improve efficiency.

Focusing on the unique needs of the public sector, New World continually enhances its technology and monitors public safety needs. We incorporate industry trends and customer suggestions to improve public safety processes for the safety and benefit of their communities.

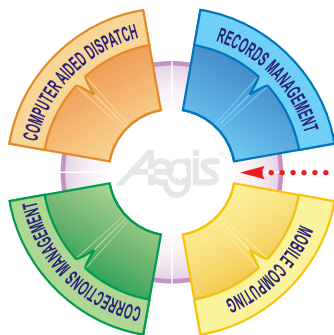
**“Prior to selecting New World we visited with many of their customers, including the Orlando, FL Police Department, to learn about the company, its customer service and its products. We were pleased to learn that New World develops long-term partnerships with its customers.”**

**“New World was chosen for its software capabilities and for its stability as a Company. We wanted to make sure that the vendor we chose would be here in the future to provide us the support we need. There are many software companies that come and go, but New World has been in the industry for over 20 years and has a proven history with 1,200-plus agencies.”**

***—Maricopa County Sheriff's Department, AZ***

**Our commitment is to our customers' success.**





## — Intelligent Integration —

Enhance your agency's effectiveness with New World Systems' truly integrated *Aegis* Public Safety software suite. It can increase productivity within your department and safety within your community. New World develops all its software in-house to ensure a fully integrated solution for your department. Our modular software enables you to license various optional modules, as you need them or as your budget allows.

### Practical Functionality and Benefits of Integration

#### Operational Efficiency:

- Once information is entered into the system, authorized users can access the data from any application in the *Aegis* suite to view a complete file on any subject, location or property
- Integrated master files on a subject, location or vehicle are automatically created in Records Management (RMS) by populating the information from the call for service screen in Computer Aided Dispatch (CAD) and the information received from Mobile Computing
- When creating a new master file, the system automatically alerts the user of duplicate entries, reducing redundant records
- Information captured in RMS automatically populates the fields required for agency, state and federal reports
- Whether you are a corrections officer, judicial personnel or public safety officer, you do not have to create a new record for an inmate, person on trial, or an offender, because the RMS software maintains master files on all subjects – the user can add to the existing record or pull the information to make a new file in the Corrections or Courts Management software

#### Increases Safety:

- Ability to access critical information within *Aegis* RMS and NCIC, such as wants/warrants, protective orders, gun permits, prior offenses, hazards and much more, before arriving at a scene to increase safety for law enforcement in the field
- Decreases unit response times – dispatchers can continue to enter information about the incident in CAD while the unit is en route to the scene, providing the officer with an up-to-date status on the mobile computing terminal (MCT)
- Integrated public safety software gives officers and firefighters immediate access to information that helps them make informed decisions





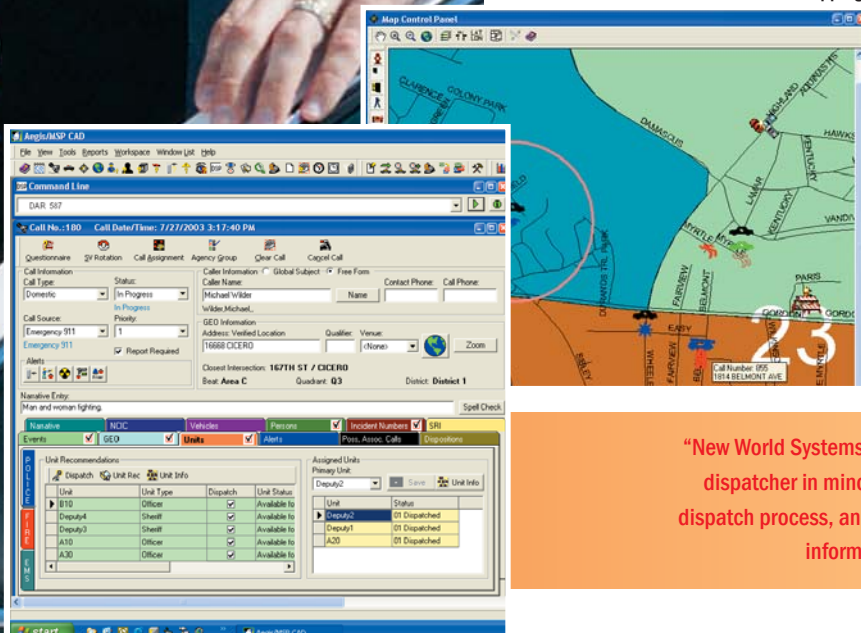
# Computer Aided Dispatch Law Enforcement

## — When Performance and Rapid Response is Critical, Aegis Can Make a Difference —

Efficiency, safety and quick responses depend on the communication of timely and accurate information. New World's *Aegis* CAD software is designed by experienced, professional dispatch personnel from law enforcement, fire and EMS agencies.

- When a 911 call is received, the call for service screen automatically populates the name, address, phone number and other associated information, providing real-time, critical response dispatch support
- Integrates with New World's *Aegis* RMS software; a cleared CAD incident automatically creates a file in RMS
- Provides a vital link between the dispatcher/officer and the most comprehensive records database available, alerting dispatchers and officers of hazards, prior incidents, outstanding warrants, etc., before the officer confronts an offender or situation
- Instant access to critical information improves communication, response time performance and unit safety
- Efficiently manages single and multiple jurisdictional agencies
- Interfaces to NCIC – seamless access to state and federal information through the dispatch screen or MCT
- Automatically prompts the units to be dispatched and provides special response instructions, ensuring the proper procedures are implemented
- Completely scalable, the system easily manages small and large agencies
- Ability to customize screens to simulate familiar screens and commands already in use

CAD Mapping



"New World Systems' CAD software was truly written with the 9-1-1 communications dispatcher in mind. It increases the speed, accuracy and reliability of the entire dispatch process, and heightens officer safety by improving and expanding on critical information available from CAD to the units in the field."

— Waukegan Police Department, IL





# Computer Aided Dispatch Fire/EMS



New World's *Aegis* CAD for Fire and EMS agencies provides effective and efficient communication between dispatching and the field, enhancing services to your citizens.

- Automatically verifies address validity, saving the dispatcher's time by populating the screen with predetermined procedures and equipment suggestions based on the incident type, level of response and geographic area
- Integration with New World's *Aegis* RMS software provides dispatchers and firefighters with critical information on inspections, pre-plans, hazards and history
- Automatically generates reports, including GEO master file listings, hazardous alerts, agency-defined notes and much more
- Automatically time/date stamps calls for service, providing supervisors with accurate information on time of entry, assignment, arrival and clearance of calls
- Reduces the risk of leaving an area without coverage with automatic run cards, including move-ups and standby
- Easy prioritization of incident transactions allows calls to be quickly dispatched based on the importance of the call



## CAD Questionnaire Entry

## Fire/EMS CAD

"Aegis CAD enables us to quickly and easily dispatch public safety officials to a scene."

— Tillamook County Emergency Communications District, OR



# Records Management Law Enforcement

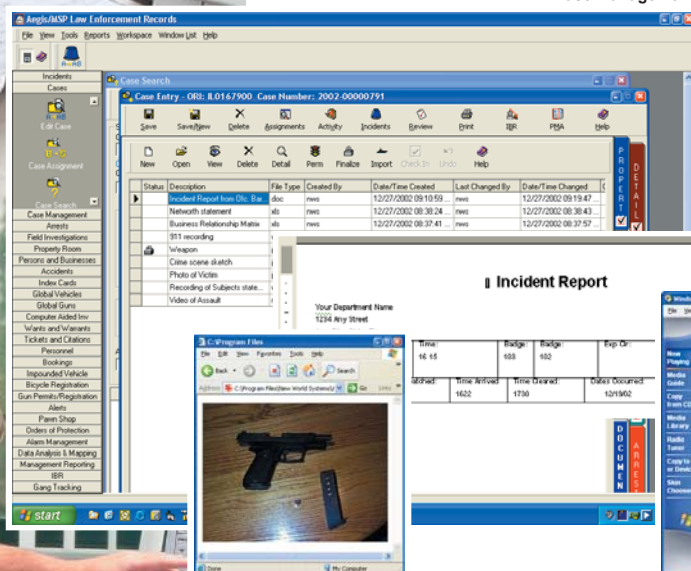


## — Access Key Information Effortlessly —

New World Systems' *Aegis* Law Enforcement RMS is a robust information system that tracks operational, investigative, statistical, management and administrative data. It supports extensive inquiry and subsequent reporting – including incident management, investigating cases and arrest processing.

- The system provides a real-time database for maintaining master files on people, places, property, vehicles, criminal activity and more
- Alerts officers of critical information, including protective orders, outstanding warrants/warrants, stolen vehicles and more, when integrated with *Aegis* CAD
- Efficiently connect all activity to a subject, property or location within a master file
- Generates hundreds of standard reports to help manage the department, solve crimes, and communicate to elected officials
- Automatically prepares reports for state and federal (UCR and IBR) agencies
- Automated NCIC reporting – updates your RMS database and sends state and federal reports
- Provides extensive multi-layered security to keep unauthorized personnel from viewing sensitive information, such as juvenile records and personnel information
- Adding optional software modules, for everything from Pawn Shops to Gang Tracking, provides a wealth of information

### Case Management



“With New World’s robust RMS software and Data Analysis & Crime Mapping, our department has the ability to access information quickly and identify crime patterns. The automated system tracks and organizes information on subjects and incidents, allowing us to provide service in high-crime areas and protect our communities better.”

— Gary Police Department, IN



# Records Management Fire/EMS

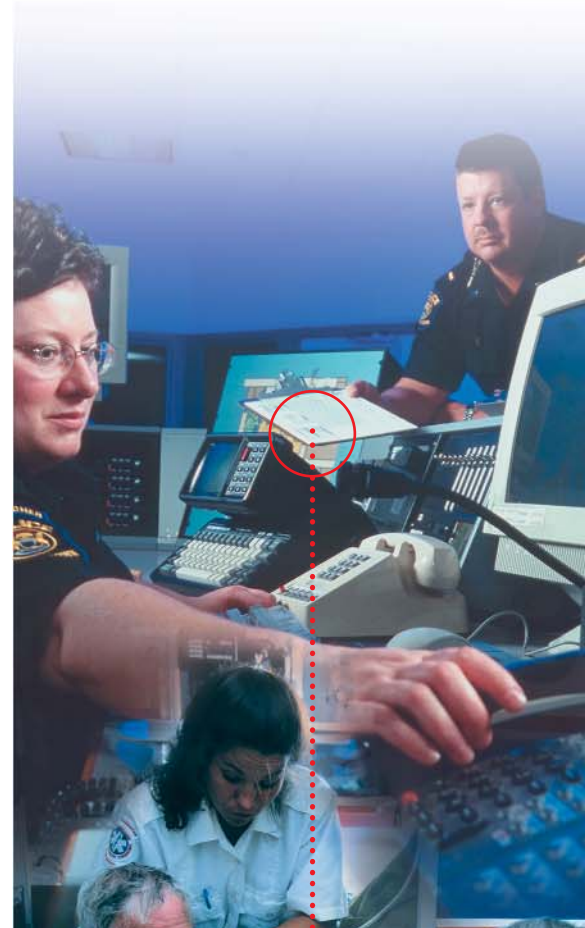


## Aegis Fire Records

- Automatically captures information from CAD to create or maintain files in RMS on incidents, persons, businesses, property, inspections and other functions
- Compliant with NFIRS (National Fire Incident Reporting System) and state reporting requirements
- Granted Conditional Certification vendor status by the United States Fire Administration (USFA)
- Tracks all inspection violations, pre-planning, prevention and arson investigations to keep a vast amount of information at a user's fingertips
- Saves time by tracking all critical equipment and items related to fire management, including hydrant inventory, inspection dates, and mission critical equipment utilized in the field
- Integration with Aegis CAD minimizes redundant entry, facilitating the tracking and billing of false alarms, and access to critical information
- Tracks hazardous materials to pinpoint the specific location within a building to provide firefighters with immediate access to critical information before arriving at the scene
- Tracks personnel-related information such as education, certifications, emergency information, hazardous material exposure and roster assignments

## Aegis EMS Records

- Automatically tracks services rendered to patients for invoice generation
- Generates numerous management reports that track the units and personnel responding to calls, dispatch statistics, medical service statistics, and exposures to hazardous material
- Tracks all information associated with a patient in the master file, allowing paramedics and dispatchers to easily and quickly access personal information, medical records and past treatments, saving valuable time in an emergency
- Completes the cycle from time of dispatch to invoice generation with New World's fully integrated software solution
- Fully integrated with other New World applications.



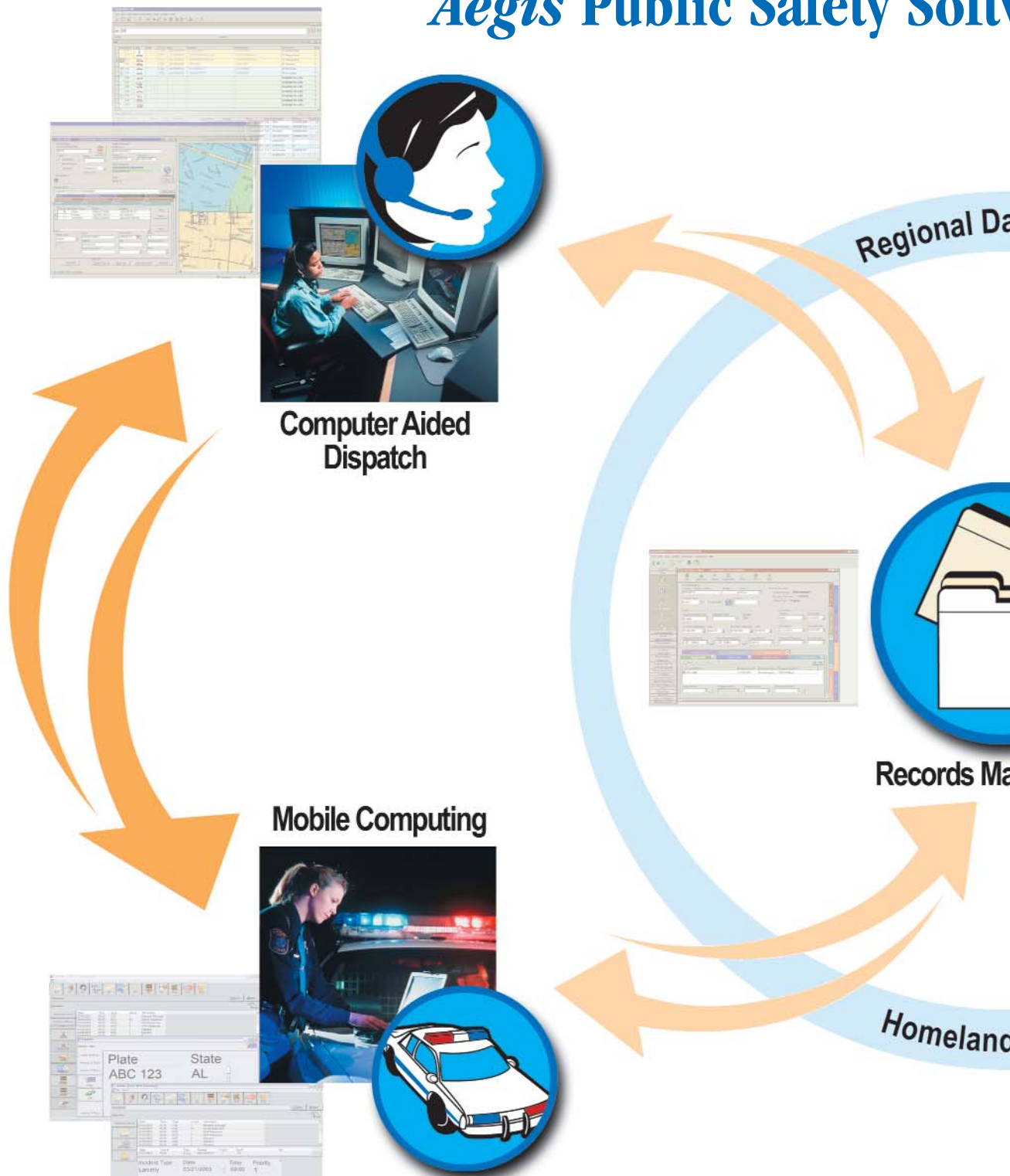
### Fire RMS - Incident Entry

"We chose New World because we wanted to take advantage of emerging technology, such as crime analysis and alarm tracking & billing. New World continues to provide new and advanced software solutions to meet the industry's ever-growing needs, which is critical in public safety."

— Montgomery Police Department, GA

Activity Scheduling

# Aegis Public Safety Software



Crime scene – hit and run accident.



Witness places a 911 call.



The dispatcher enters the details of the hit and run into the system, including suspect and vehicle description, while simultaneously dispatching the appropriate public safety units.



En route to a scene, the critical information from the vehicle and possibly the Aegis Records Management system is accessed by using Aegis Regional access other agencies'.



# ware Integrated Process

Data Sharing

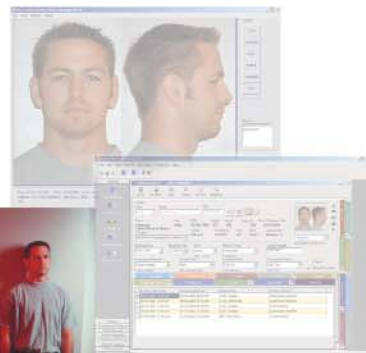
Management

Security



Corrections Management

Courts Management



The officer receives information from the dispatcher about the suspect from their management software and Data Sharing to RMS databases.



Using Aegis Mobile Computing, the officer views the digital mug shot located in the suspect's master file within RMS. The witness immediately confirms that the mug shot is the driver.



The suspect's master file provides officers with information on known aliases, hang outs, employment, last address and more, helping the officers locate the suspect, make an arrest, and complete the required reports while in the field.



To book the suspect, the officer easily accesses the file in RMS from the Bookings module in Corrections Management to complete the booking process – reducing data entry.



# Mobile Computing

## Messaging & Information Access

### — Real-Time Communications in the Field —

Wireless communication enhances public safety agencies' ability to fight crime and improve service to citizens. *Aegis* Mobile Computing provides real-time dispatching information to give officers the ability to quickly respond to calls for service.

- Ability to send and receive messages enhances the dispatching function and communication with units in the field
- Provides multiple critical messaging capabilities concurrently, such as CAD-to-Car, Car-to-Car and Car-to-CAD
- All transactions between CAD and Mobile are automatically logged and permanent
- Allows officers to patrol the streets to help reduce crime and increase community safety
- Retrieves information directly from RMS, saving time and providing the officer with critical information to help make better decisions
- Provides silent dispatching – allows the dispatcher to communicate with the unit without using radio frequencies; eliminates overhearing sensitive conversations
- Supports interfaces to CAD and State/NCIC using the message switch, allowing officers to access state and federal databases for information on a subject, vehicle or property
- Immediately dispatches officers and firefighters when critical incident information is displayed on their mobile computers

NCIC Response

**Response Form**

Form Viewer

Options (CTRL+O)

VIN/1Y8A7S8F7A89SD787ASD  
VYR/1999.VMA/CHEV.VMO/PRIZM4  
EXP DATE/02-27-2004  
JOHN,DOE  
888,W, Big Beaver,RD  
Legal owners name same as above  
Title/03-19-1999  
PLATE/ABC 123 State/MI

**Vehicle Reported Stolen**

Date/03-23-2003  
Location/888,W,Big Beaver,RD

Close

Mobile - [CAD / NCIC Responses]

File About

F1 F2 F3 F4 F5 F6 F7

Command:

Responses

Inquiries (CTRL+I)	Date	Time	Type	Count	Info
	03/23/2003	08:00	CAD	1	Dis
	03/23/2003	08:00	CAD	10	Jac
	03/23/2003	08:00	NCIC	1	NCI
	03/23/2003	08:00	NCIC	1	NCI
	04/20/2003	08:00	CAD	1	Dis
	04/20/2003	08:00	CAD	1	Dis
	04/20/2003	08:00	CAD	1	Dis

Delete

Date	Time	Message
04/20/2003	08:00	Vehicle Reported Stolen

Delete All

Print

Refresh

Help

Help

"Over the years, we developed a partnership with our community. It takes a lot of work to maintain the relationship, and New World's automated system has helped decrease officer response time and improve community and officer safety. The software helps us deliver the service our community expects."

— North Little Rock Police Department, AR





# Mobile Computing Field Reporting



The *Aegis* Field Reporting software eliminates the need for officers to write paper reports at headquarters by allowing them to write reports in the field – officers can now stay on the streets where they are more visible.

- Automatically populates the CAD incident data to help create incident, accident or case reports
- Create easy to read arrest, incident, case and supplemental reports that meet agency and state requirements
- Automatically secures information required for state IBR reporting
- Captures agency-defined information to create state compliant accident reports
- Ability to print accident reports on agency-specific forms, saving your department time
- Completed reports can be wirelessly uploaded into RMS

## Unit Status Monitor

Units (CTRL+U)	Date	Time	Unit	Officer	Status	Location	Secondary Loc	Notes	Incident #
04/29/2003	08:00	P5	L. Martineau	Enroute	888 W Big Beaver RD	None	Larceny	2003-0000123	
04/29/2003	08:01	P5	C. Gage	Available	None	None	Larceny	2003-0000123	
04/29/2003	08:05	P1	W. Terzin	Enroute	None	Pine, St	Larceny	2003-0000123	
04/29/2003	08:10	P11	H. Lu	Enroute	None	Main / Pine	Larceny	2003-0000123	
04/29/2003	08:00	P15	Thuyuyen	At scene	161 Hillcrest Rd	None	DUI	2003-0034363	

Unit #	Status	Location
P1	Enroute	None

Status Date	Status Time	Officer	Inc Number	Notes
04/29/03	08:05	W. Terzin	Larceny	Pine, St

## Forms Based Field Reporting

TYPE/NO	NAME (LAST, FIRST, MIDDLE, TITLE)	Date of Birth	STREET NO., STREET NAME, BLDG. NO., APT. NO., CITY, STAT
VI	TERZON, WAYNE	2/26/1965	888 W. Big Beaver RD, Troy, MI 48063
		6/3/2003	
		6/3/2003	
		6/3/2003	

“Over the years New World has incorporated many customer suggestions; and it continues to stay ahead of technology, providing us with progressive software to help us effectively do our critical jobs.”

— Augusta Police Department, GA



## Corrections Management

Manage your corrections facility's day-to-day operations with New World's *Aegis* Corrections Management software solution. It can simplify and streamline your daily processes.

- Documents and manages information that meets the requirements of a modern jail facility:
  - Booking and housing of persons in custody
  - Supervising defendants on pre-trial release
  - Maintaining offenders sentenced to local incarceration
  - Billing other agencies for housing inmates
- Tracks inmate movement, income and expenses, schedules, court dates, and more – one system to track all your needs
- Maintains complete inmate history in a central location, allowing easy retrieval of information
- Provides a cost-effective Mug Shot/Photo Line-Ups imaging system that can also be used for ID badges, booking cards, wrist bands and wanted posters
- Supports interfaces to popular livescan systems and victim notification systems, allowing your facility to utilize existing programs to protect your investment
- Generates required federal and state reports
- Corrections personnel can quickly create a new file on an inmate using the information available in RMS without re-keying data
- Integration with *Aegis* RMS alerts the jail facility of additional outstanding wants/warrants on the detainee to avoid dismissing a person when they are wanted for other crimes



Bookings Management



## Courts Management

Courts Management software is a comprehensive judicial software solution that streamlines the daily procedures of court management. It incorporates statistical, investigative, operational and administrative court data to manage criminal, civil, probate and traffic court processes.

- Maintains a comprehensive file of all persons, documents, events and financial transactions
- Schedules specific courts, judges and judicial personnel for multiple offenses and multiple defendants
- Tracks multiple defendants, multiple counts for each defendant and sentence per count
- Utilizes standard accounting principles for assessing, collecting and disbursing monies from court activities
- Quickly and easily generates court required reports

*"We have had an excellent working relationship with New World, and like the fact that they have listened to our suggestions and incorporate them in new releases. There are not many companies that actually listen to their customers and in reality work with them."*

*— Olmsted County Sheriff's Office, MN*





## Regional Data Sharing

- Supports true integrated justice among public safety agencies, providing law enforcement officials with critical information to help protect the homeland
- Allows cities, counties and townships to conduct a search for a person, vehicle, weapon or property across multiple RMS, Corrections and Courts databases to help improve community safety and solve cases
- Enhances search capabilities, allowing the user to enter a range of values within specific search criteria for a person, vehicle, weapon or property
- Ability to control the information available to outside agencies
- Supports user name and password so only authorized users may perform searches

## Data Analysis & Management Reporting

- Ability to quickly and easily extract agency-specified information to create management and crime analysis reports, maps and incident analysis
- Ability plot incidents directly from RMS onto a map to identify hot spots and better allocate resources



## Technology

### Multiple Server Platforms

- Supports either the Microsoft® Windows® Server or the IBM® iSeries 400 Server environment to meet the diverse needs of public safety agencies
- Developed using the latest technology, increasing reliability, security and scalability
- Leverages advances in mobile computing, wireless communications and XML-based data exchange

### AVL

- Automatically displays unit location and status on CAD Mapping along with calls for service, providing dispatchers support for closest unit dispatch
- Transmits unit location, speed, and direction to CAD for automatic mapping, tracking and dispatching purposes
- Enhances dispatching operations and increases officer safety allowing dispatchers to visually see the location of units in the field

### Handheld Mobile

- Ability to conduct a local, state and federal search for a person via a handheld computing device
- Provides secure, wireless access to both NCIC and RMS information
- Equips first responders with access to critical, real-time information anytime-anywhere



**"The Regional Data Sharing application aids in the investigation of criminal matters. Sharing regional name information expedites the officer's ability to assess possible threatening situations and the opportunity to act accordingly."**

*— Burlington County Public Safety Department, NJ*



## Service & Support



### — New World's Professional Service and Support is the Foundation to a Successful Relationship —

At New World Systems our commitment to service means we provide a strong, ongoing partnership that begins before the installation of the software and lasts for many years after. You can count on New World to provide the software tools and professional services you need to be successful.

#### Our services help customers gain maximum value from our solutions:

- New World employs experienced professionals with extensive public safety experience who oversee the system implementation and are expert application specialists
- New World's project management teams help define the software implementation process based on your agency's needs, goals and priorities
- New World offers numerous continuing education classes on the fundamentals of the system and specialized classes for the more advanced users
- Based on your needs, New World provides on-site training after the implementation process
- Access to the *Aegis* on-line customer service web site, which allows customers to register new service requests, check statuses, download user manuals and much more
- The Standard Software Maintenance Agreement (SSMA) provides:
  - New, enhanced software releases and updates
  - Ongoing support services
  - Toll-free phone support
  - Remote access for customer support issues (electronic customer support – ECS)
  - On-line customer service
  - Participation in the Annual Executive Customer Conference

"I was very impressed with New World's project management team during our implementation. It was obvious that going live on time was just as important to them as it was to us. They worked over sixteen hour days, just so they could train our department in shifts – one class during the day and one class at night."

— Galveston Police Department, TX



## **LAW ENFORCEMENT CAD**

### *Base Package Includes:*

Unit Recommendations & Status Monitors  
GEO-File Verification  
Note Pads  
Records Interface  
Hazard & Location Alerts

## **FIRE/EMS CAD**

### *Base Package Includes:*

Unit Recommendations & Status Monitors  
GEO-File Verification  
Note Pads & Tone Alerts  
Records Interface  
Hazard & Location Alerts  
Run Cards  
Hydrant Inventory

## **COMBINED CAD**

### **LAW ENFORCEMENT/FIRE/EMS**

### *Base Package Includes:*

Unit Recommendations & Status Monitors  
GEO-File Verification  
Note Pads & Tone Alerts  
Records Interface  
Hazardous & Location Alerts  
Run Cards  
Hydrant Inventory

## **OPTIONAL CAD SOFTWARE**

CAD Mapping  
CAD On-line to State/NCIC Interface  
E-911 Interface  
Netclock Interface  
Service Vehicle Rotation  
Hazardous Materials  
Briefing Notes (BOLOS)  
Tone Encoder Interface  
Priority Dispatch ProQA™ for EMD Interface  
TDD Interface  
CAD Pager Interface  
CAD Redundancy  
Alarms Tracking & Billing

## **MOBILE COMPUTING**

Message Switch for Car-to-Car,  
Car-to-CAD, CAD-to-Car  
Field Reporting  
Driver's License Mag  
Strip Reader Interface  
Mug Shot Image Download  
Accident Field Reporting  
State/NCIC Access  
Handheld Mobile  
Automatic Vehicle Location (AVL)

## **LAW ENFORCEMENT RECORDS**

### *Base Package Includes:*

Incident Tracking  
Case Processing  
Arrest Processing  
Property  
Personnel/Education  
Federal Reports (UCR/IBR)  
Wants & Warrants  
Traffic Tickets & Citations

## **LAW ENFORCEMENT RECORDS *cont'd***

Accidents  
Business Registry  
Computer Aided Investigations  
Impounded Vehicles  
GEO-File Verification  
Jacket Processing

## **STAND-ALONE LAW ENFORCEMENT SOFTWARE**

Narcotics Management  
Parking Tickets  
Demographic Profiling

## **OPTIONAL LAW ENFORCEMENT RECORDS SOFTWARE**

Field Investigations  
Gun Permits & Registrations  
Property Room Bar Coding  
Case Management  
PACE (Paperless Automated Case Entry)  
Bicycle Registration  
Pawn Shops  
Civil Paper Processing  
Alarms Tracking & Billing  
Bookings  
Activity Reporting & Scheduling  
Index Cards  
Career Criminal  
Orders of Protection  
Hazardous Materials  
Gang Tracking  
Microsoft Word® Interface  
Data Analysis & Management Reporting  
Records Redundancy  
Mug Shots/Photo Line-Ups  
Digital Imaging  
Base State/NCIC Interface  
On-line/NCIC Wants & Warrants  
On-line/NCIC Property  
On-line/NCIC Jackets  
On-line/NCIC Pawn Shops  
Briefing Notes (BOLOS)  
FBI Search  
Federal & State Compliance Reporting

## **BUSINESS OFFICE**

Civil Paper Processing  
Income & Property Executions  
Revenue & Collections  
Foreclosures

## **FIRE RECORDS**

Incident Tracking  
Inspection Tracking  
Investigations  
Personnel/Education  
Hydrant Inventory & Inspections  
Hose Inventory & Inspections  
Activity Reporting & Scheduling  
Business Registry  
Alarms Tracking & Billing  
NFIRS Summary Reporting  
Hazardous Materials  
Pre-Plans

## **EMS RECORDS**

Incident Tracking  
Invasive Procedure History  
Patient/Trauma Reporting  
Education Tracking

## **CORRECTIONS MANAGEMENT**

### *Base Package Includes:*

Bookings  
Inmate Tracking & Processing  
Inmate Classification  
Inmate Property Tracking  
Random Drug Testing  
Visitation  
Records Interface

## **OPTIONAL CORRECTIONS MANAGEMENT SOFTWARE**

Enhanced Medical Tracking  
Northpointe® Classification  
Federal & State Compliance Reporting  
Commissary Accounting  
Court Event Tracking  
Corrections Redundancy  
Jail Linkage Interface  
Visionics Interface  
Identix Interface  
Vine® Interface

## **COURTS MANAGEMENT**

### *Base Package Includes:*

Bond Disbursement & Tracking  
Case Management & Tracking  
Court Scheduling  
Disbursement Administration  
Interface to Aegis 400 Records Management  
Public Information Management  
Revenue Accounting  
Wants/Warrants Tracking

## **OPTIONAL COURTS MANAGEMENT SOFTWARE**

Arrest Entry  
Bookings Entry  
CheckOut Plus Cash Register Interface  
Civil Court  
Court Probation  
Criminal Court  
Probate Court  
Revenue & Collections  
Traffic Court  
Traffic Tickets & Citations

## **INTERNET-BASED**

Regional Data Sharing  
Handheld Mobile



**Integrated Public Safety Software**

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New World Systems has been providing public sector solutions since 1981. The Company designs, develops, markets, supports and implements the fully integrated Aegis® Public Safety Suite for Local Governments.  
Trusted by more than 1,200 agencies, New World Systems continues to innovate and provide solutions to increase efficiency for cities and counties.