



# Pyramid

## Software for Investigation, Intelligence and Gang Management

### BENEFITS / FEATURES

Ease of use and cutting edge technology combine to create the most comprehensive web-based Investigation Management System on the market. Pyramid offers unequaled benefits and features that include:

- Case management
- Facility management
- Cost savings / payback
- Reduce operating expense
- Fully customizable and flexible
- Extremely user friendly
- Multi-agency / multi-facility capable
- Real-time information transfer
- Information standardization
- Built in multi-level security
- Industry standard Microsoft technology

### Problem

Criminal investigations are only as effective as the timeliness and accuracy of the information an investigator can collect. Information gathered by one agency is not available to others simply because of the inability to share such information in a real time manner. To maximize their effectiveness, investigators need a robust tool that provides information sharing of intelligence, suspects, vehicles, gangs and cases across multiple agencies. Until recently, such a cross-platform, cross-agency system did not exist. But thanks to the breakthrough capabilities of Microsoft's .NET technology, a solution is now available.

### Solution

Emerald Systems' PYRAMID is a Web-based investigation unit, internal affairs, and gang task force case management application that offers advanced access to sensitive information within a secure and robust architecture. PYRAMID allows agencies across a region, state or nation to work together in the interdiction of drug trafficking, homicide, internal affairs, and gang related activity.

### Increase Efficiency

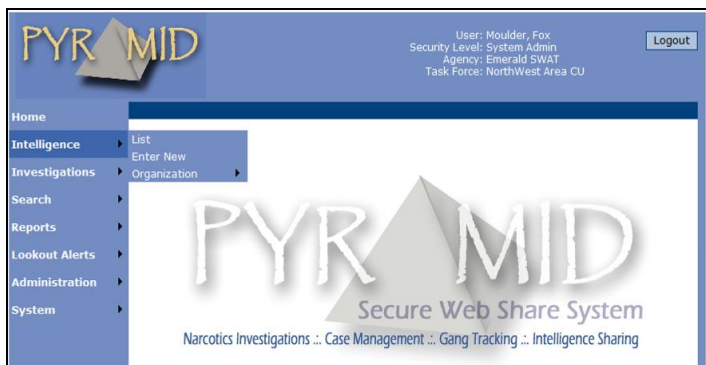
SENTINEL reduces the time required to process inmates and manage facilities, allowing you to enjoy enhanced efficiency of operations and increased productivity of personnel. The system utilizes the most current technology, including electronic signatures, document scanning, fingerprint identification and verification and wireless tablet PC access for medical dispensing and charting. These features dramatically decrease paperwork and filing costs.

### Reduce costs and minimize staff training time

With PYRAMID, agencies can eliminate licensing and support costs associated with workstations. PYRAMID's navigation was specifically designed to make it less time consuming to train personnel. PYRAMID provides these powerful capabilities:

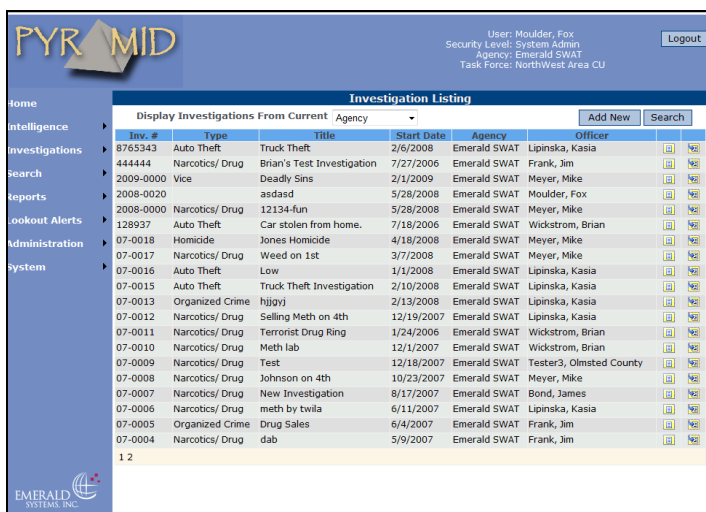
- In-depth case management with detailed incident tracking
- Suspects, vehicles, gangs, modus operandi, charges, evidence
- Intelligence mapping, sharing, with 28 CFR part 23 compliance capabilities
- Security processes for individuals and groups, including complete lockout
- In-depth reporting functions provide a high standard for task force operations
- Support for integrated processes such as wireless access, state reporting, and more
- Automated processes for messaging, alerts, BOLOs, associate tracking
- Pull down menus, pop-up screens and table updating on-the-fly
- Built-in photo, video, document, and other file uploading

# Pyramid Overview



## User Friendly

- “Windows” look and feel
- Browser accessible
- Username/password, SSL, encryption, and user-defined security access (individual and group)
- Easy access menu structures
- Extensive user-maintained select lists



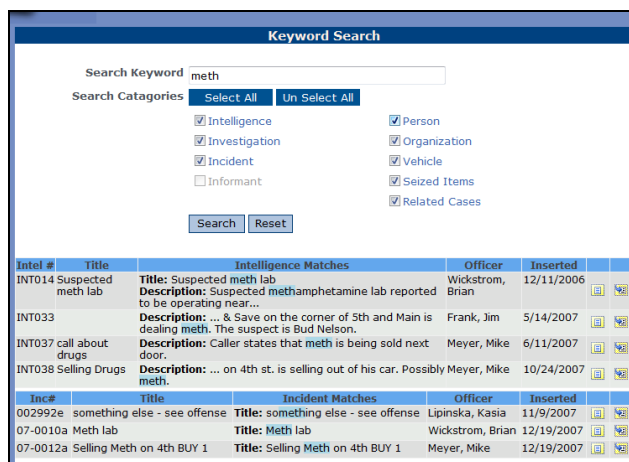
## Current Case-load

- List current cases by investigator, agency or task force
- Assign cases
- Monitor case load
- Weekly, monthly, quarterly & annual reporting



## Investigation Management

- Comprehensive, configurable case information
- Tightly controlled security access
- Related cases / incidents tracking
- Cross-agency sharing



## Detailed Searches

- Keywords across all entities
- Persons, vehicles, cases
- Associates
- Investigations, incidents, agencies
- Intelligence items
- Phone records
- Property room

## Gang Information

Organization Listing					
Name	Type	Activities	City	State	
X Men	Gang	monitor mutants Around the world	Spooner	WI	
Bull Dogs	Gang		Beverly Hills	CA	
Hells Angels	Gang	Charity work, fundraisers, etc.	Bon Secour	AL	
TCell-1	Gang	May be trafficking in guns and explosives	Eau Claire	WI	
M & S Gang - Chicago	Gang	Narcotics - Assassination - Enforcer for Mob -			
Casa Nuevo	Gang	COntriband, drugs, slavery	El Paso	TX	
Hells Angels	Gang			MN	
oligarchs	Gang			WI	
Smarties	Gang				

- Gang tracking
- Detailed information
- Photos, tags, colors
- Activities
- Member lists
- Associations



## Intelligence, Tips & Leads

Add Intelligence	
Intelligence Number	INTEL0000
Intelligence Title	
Type	
Category	
Lock Record	<input type="checkbox"/>
Date Occurred	[month] [day]
Narrative	<div style="border: 1px solid gray; height: 100px;"></div>
Agency	Emerald SWAT
Officer Assigned	Meyer, Mike
Action Taken	

- Intelligence sharing
- Persons, Vehicles, locations
- 28 CFR Part 23
- Associations with photo representation
- Gang involvement
- Informant handling

## Supporting Evidence

- Photos
- Video clips
- Audio clips
- Documents

## Reporting

PYR MID						
						User: Meyer, Mike Date: 6/10/2009 Time: 3:19 PM
Drug Quantity Breakdown Report						
Emerald SWAT [Agency] 4/1/2008 12:00 AM - 6/30/2009 11:59 PM						
Cocaine Powder						
Investigation #	Incident #	Date	Quantity	Unit Of Measure	Street Value	
06-1007	06-1000M	4/22/2008		5Ounce	\$45,000.00	
			<b>Sub Total</b>	<b>0g</b>	<b>\$45,000.00</b>	
Other Hallucinogens						
Investigation #	Incident #	Date	Quantity	Unit Of Measure	Street Value	
07-0005	07-0005a	10/7/2008		100Milliliter	\$100.00	
			<b>Sub Total</b>	<b>0g</b>	<b>\$100.00</b>	
				Total Quantity	0g	
				Total Street Value	\$45,100.00	
NorthWest Area CU [Task Force] 4/1/2008 12:00 AM - 6/30/2009 11:59 PM						
Cocaine Powder						
Investigation #	Incident #	Date	Quantity	Unit Of Measure	Street Value	
06-1007	06-1000M	4/22/2008		5Ounce	\$45,000.00	
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- Built-in reports with real-time selection
- Selection by date range, agency, more
- Database views for external reporting
- Activity report
- Drug quantity breakdown
- Location analysis
- Seizures
- Investigation breakdown

## Administration

Control Page Access				
Page Category		Page	Security Level	Access Type
				No Access
<input type="button" value="Add Page"/>				
Category	Page	Security Level	<input type="button" value="Filter"/>	
Category	Page	Security Level	Access Type	
Intelligence	Add Intelligence	Investigator	Edit	Select
Person	Search Person	Supervisor	Edit	Select
Person	Search Person	System Admin	Edit	Select
Vehicle	View Vehicle	Investigator	Delete	Select
Investigation	Add Investigation	Supervisor	Edit	Select
Vehicle	View Vehicle	Supervisor	Delete	Select
Vehicle	View Vehicle	Sheriff	Read Only	Select
Property	View Property	Sheriff	Read Only	Select

- Detailed access rights defined for each user
- Page level security with 'none', 'view', 'edit' and 'delete' levels
- Security groups for easy setup
- Custom table values (drop-downs)
- Full field level auditing
- Page access control
- Custom field display
- Investigation file transfer
- Automatic case file numbering



## PYRAMID Case Management System

### Solution Profile

PYRAMID Case Management System for investigations, gangs, and intelligence management

### Line of Business

Web-based applications for the law enforcement market that address broad information sharing and ease of use

### Solution

- Investigation/incident tracking
- Cross agency collaboration
- Intelligence management with 28 CFR part 23
- Gang tracking
- Built-in reporting modules
- Provides ease of use / navigation
- Reduces training costs
- GJXDM / NIEM compliant

### Software and Services

Microsoft SQL Server 2005  
Microsoft Windows Server 2003/2008  
Microsoft IIS 6.0+  
Microsoft ASP.NET 2.0, C#, JavaScript, AJAX

### Partners

Member: US Dept. of Justice  
IJIS Institute  
Microsoft Government  
Skyline Technologies  
TriTech Software Systems



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