

APCO International

Emerging Technology Forum



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GREATER DEMAND ON PUBLIC SAFETY



PUBLIC SAFETY IS EVOLVING

Video and multimedia adoption

Smart devices and applications

Analytics and data-sharing

Preparedness for NG9-1-1

Voice & data interoperability needs

Rapid multi-agency response

Cloud services and applications

Increasing challenge to operationalize and mobilize data.

WHAT IS SITUATIONAL AWARENESS?

Situational Awareness is the ability to identify, process, and comprehend the critical elements of information with respect to time and space. More simply, it's knowing what is going on around you at all times.

RIGHT INFORMATION

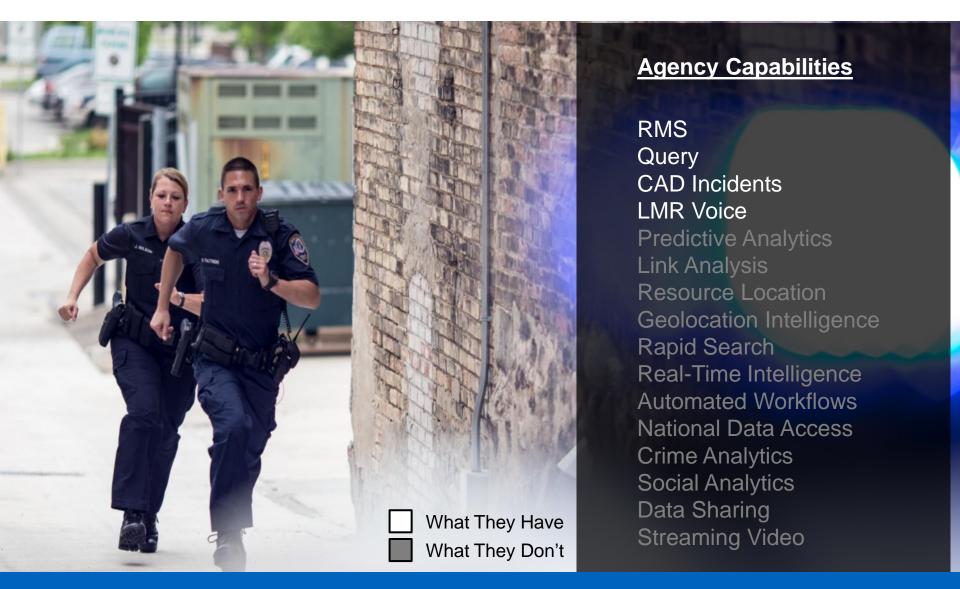
RIGHT PERSON





INTELLIGENCE-LED RESPONSE TURNS
DATA INTO INTELLIGENCE, INTELLIGENCE
INTO ACTION AND ACTION INTO SAFETY

THE CURRENT STATE



LIMITED CAPABILITIES AND WORKFLOWS LEAD TO A REDUCTION IN SAFETY

CURRENT STATE CHALLENGES



AGENCY VALUE IS ADDITIVE AT BEST

THE VALUE OF THE PLATFORM



SHARED DATA AND CAPABILITIES PROVIDE AGENCY-WIDE BENEFITS

SITUATIONAL AWARENESS IS NOT JUST ABOUT NOW







Where are we going?

What could happen?

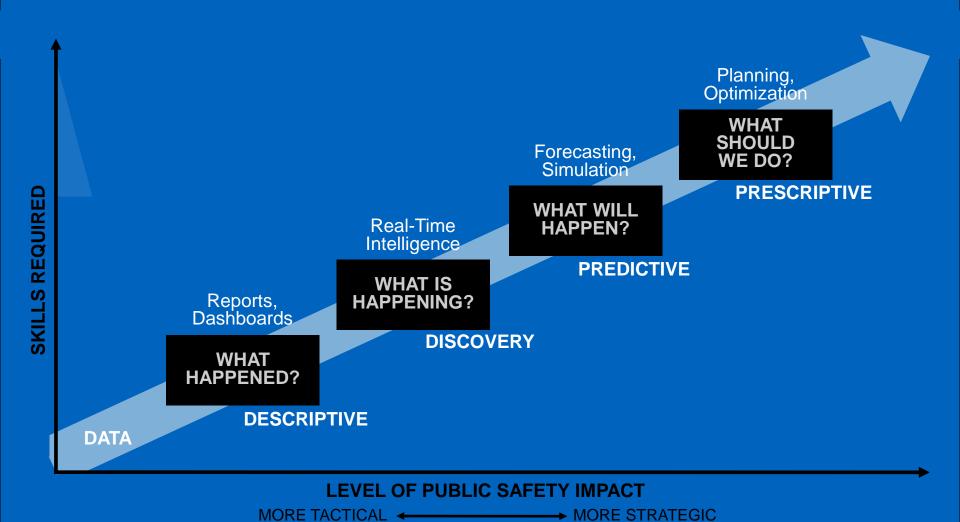
Where are we?

What is happening?

Where were we?

What happened?

ANALYTICS CONTINUUM



CONVERTING BIG DATA

GLOBAL DATA



DATA



PUBLIC SAFETY DATA

PUBLIC SAFETY



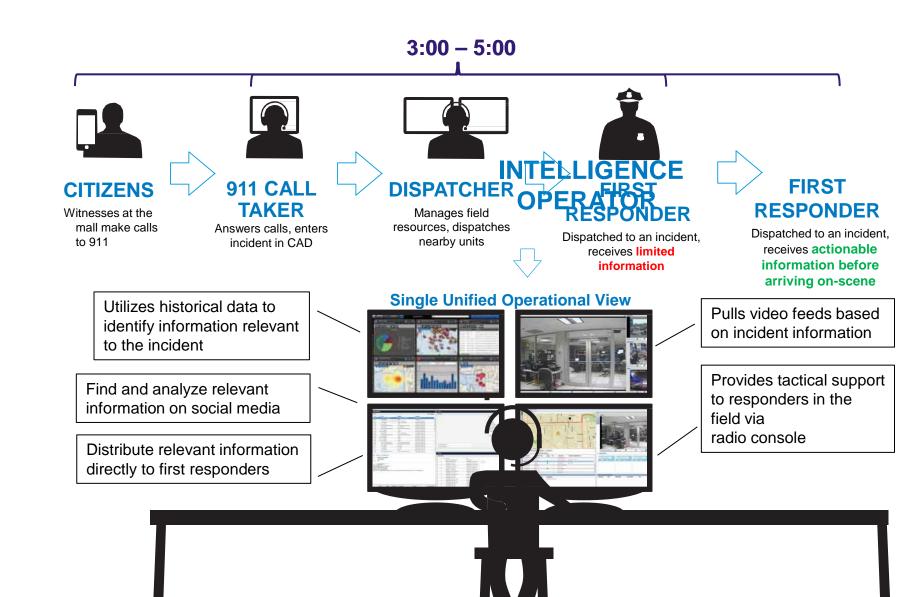
ANALYTICS

INTELLIGENCE



CITIZENS & BUSINESSES

STREAMLINED WORKFLOW



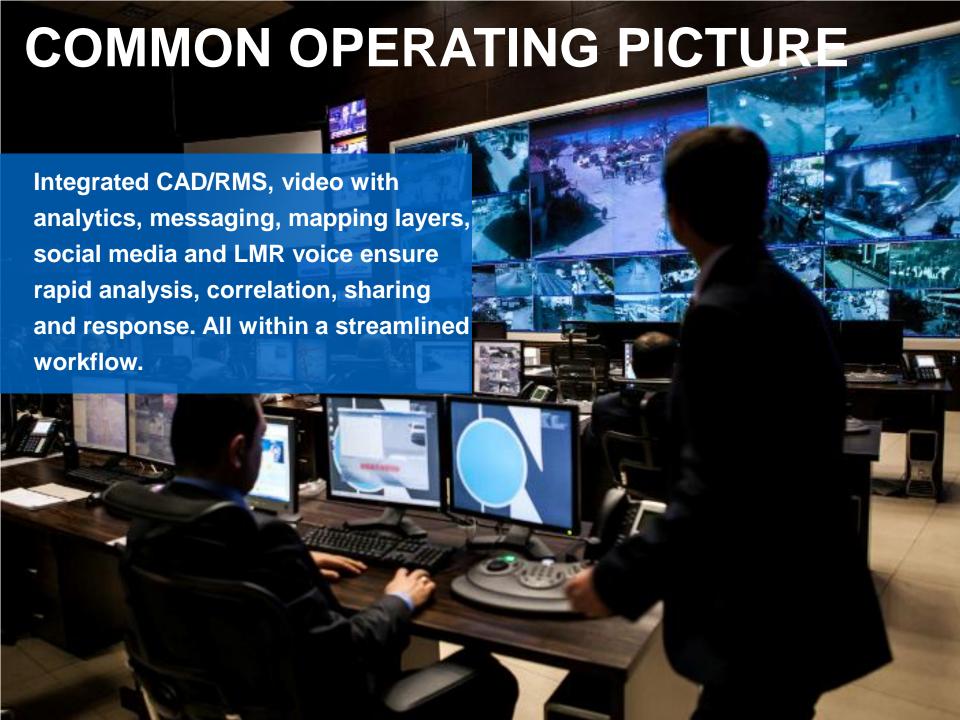
FROM DATA TO SAFETY

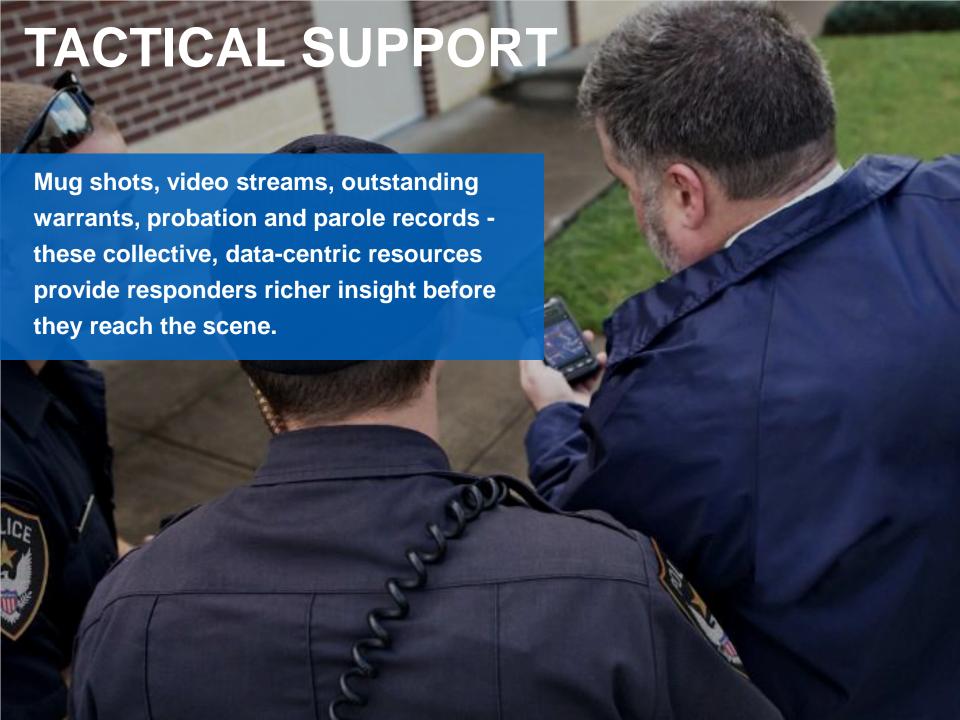


TURN DATA INTO INTELLIGENCE

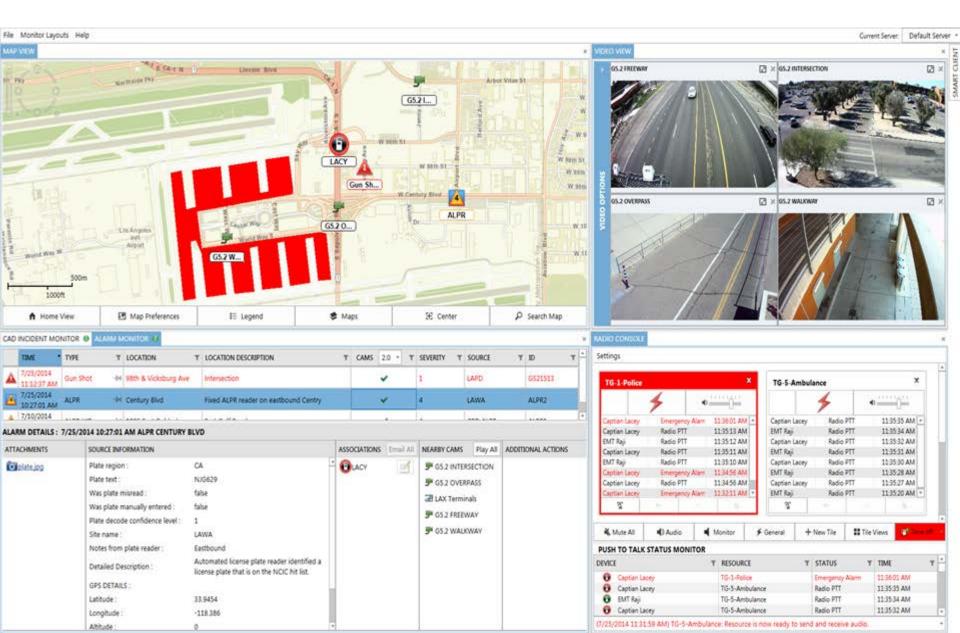
INTELLIGENCE INTO ACTION

ACTION INTO SAFETY

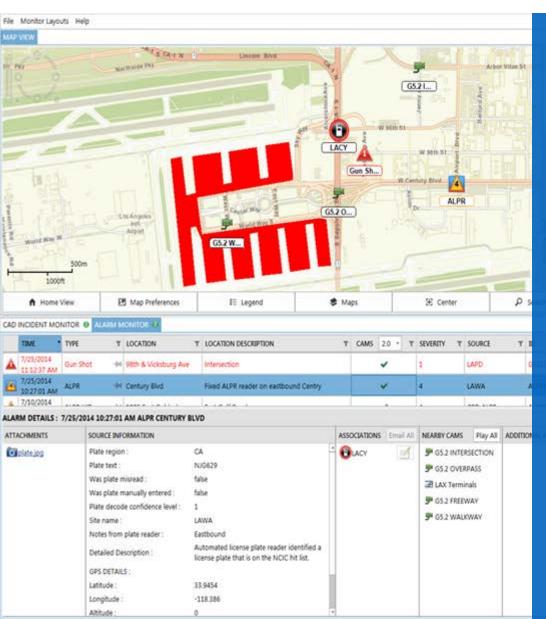




STREAMLINED WORKFLOW



INTEGRATED VOICE



LEVERAGE YOUR MISSION-CRITICAL COMMUNICATIONS INVESTMENT

Access mission-critical radio communications directly

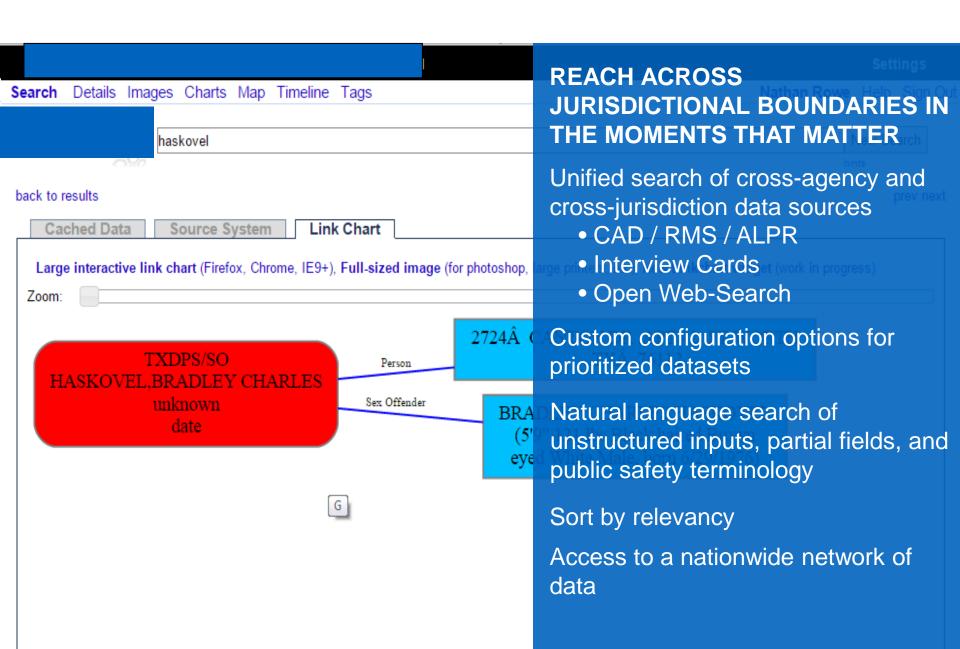
Monitor multiple talkgroups simultaneously

Communicate directly with first responders

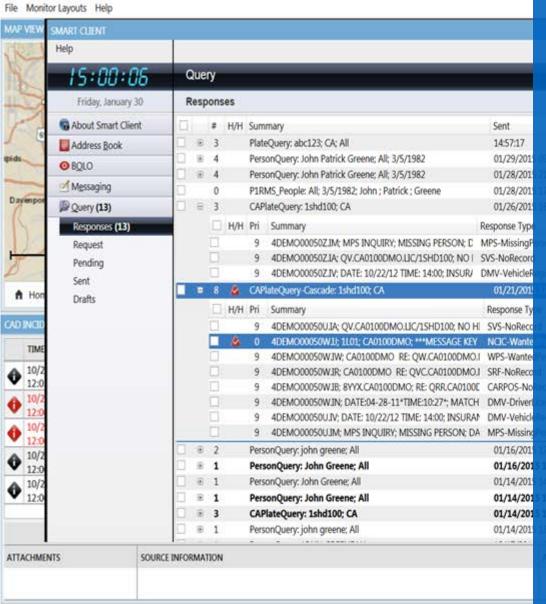
Identify units that are talking on the map and radio module

Radio emergencies need to be immediately displayed

SEARCH AND DATA SHARING



QUERY



UNLOCK THE POWER OF YOUR OWN DATA INSTANTLY

Query internal and external databases simultaneously (Federated Query)

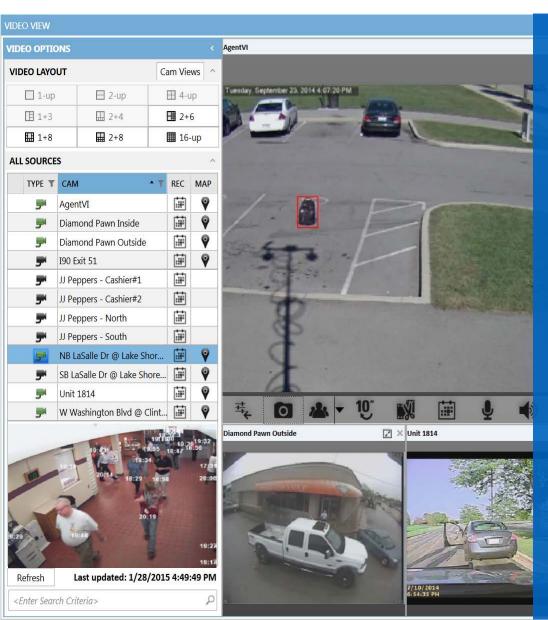
Distribute query results via built-in messaging service

Smart Copy (data copy) – update or create incidents based on query results

Automatic cascading queries – look up additional information in a query return without human action

Hot hit – instantly alert dispatch and nearby first responders for specific query results

VIDEO SURVEILLANCE AND ANALYTICS



ACCESS ALL YOUR VIDEO AND ANALYTICS FROM ONE LOCATION

Aggregate video sources and video management tools in one application

Automatically detect & alert users to several analytics simultaneously in real time

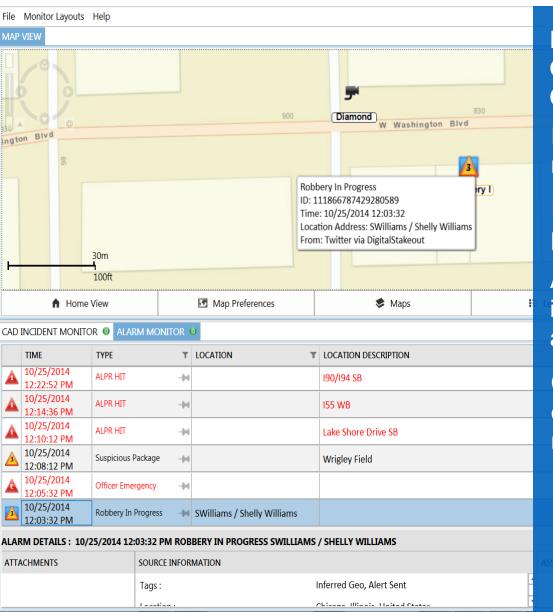
- Line crossing
- Tailgating
- Suspicious activity
- Stopped vehicle

'Chained' alerts for more accurate detection

Summarize hours of past video to replay in minutes

Filter video by color, speed, direction, size and similarity

SOCIAL MEDIA MONITORING AND ANALYTICS



KEEP YOUR EARS TO THE GROUND FOR BETTER COMMUNITY LED POLICING

Perform people searches across 250 million profiles

Initiate searches of archived data to produce obscure associations

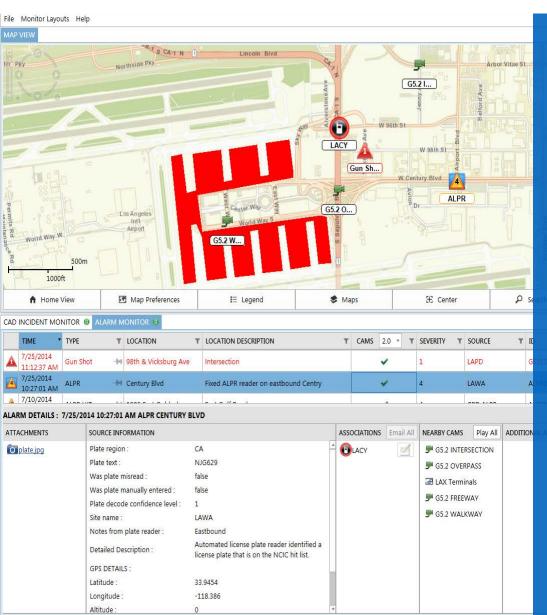
Automatically alert operators to important social postings based on agency rules

Create keyword rules for units and departments to address specific needs

Allows for faster location of evidence and witnesses

Faster correlation with additional incident related data sources

THREAT DETECTION AND ALERTING



MULTIPLE EVENT GENERATING SOURCES – A SINGLE ALERTING PLATFORM

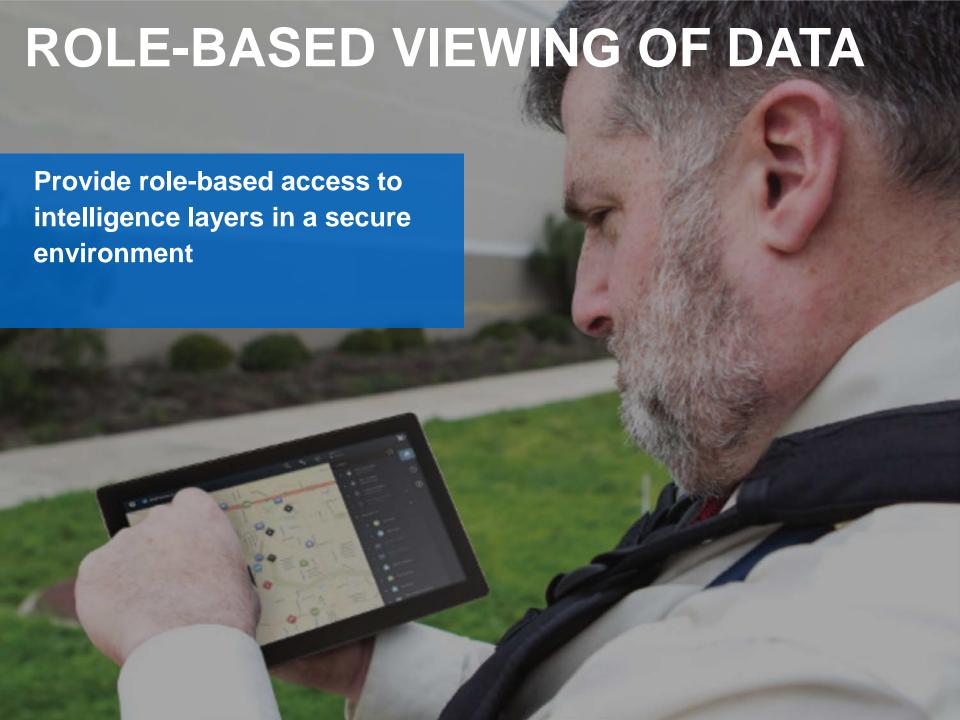
Architected to support for integration with countless event sources

Create opportunities for more informed responses by combining it with other data sources within the client

Create templates for units, departments and specific needs







REMEMBER

CENTRALIZE

AUTOMATE

DISSEMINATE



THANK YOU!

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