

Hexagon Safety and Infrastructure

Corporate Overview



Intergraph Team

Jim DeFreeuw

Regional Territory Manager – Northwest

Spencer Anderson

Director of Sales – US Public Safety

Ed Linehan

Executive Consultant, Fire & EMS

John Novohradsky

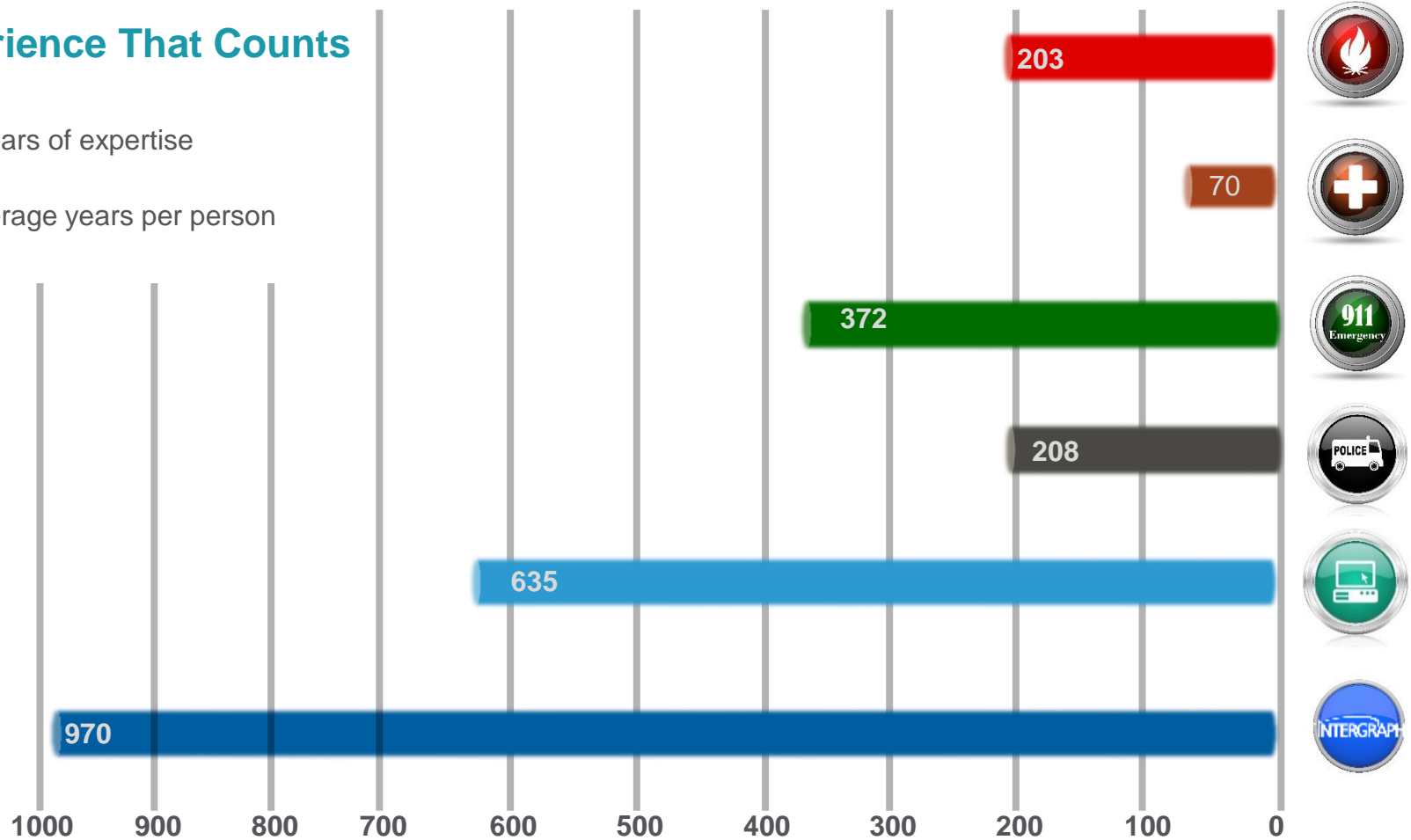
Sr. Application Engineer, CAD, Mobile, BI

Our Team

Experience That Counts

2,458 years of expertise

21.8 average years per person



- More than 40 years of technology experience
- Customers in more than 60 countries & over 4,000 employees worldwide
- Intergraph is the largest global Public Safety software provider
- We protect more than 500 million people globally; that's 1 in 12 people





What Our Customers are Saying

“Intergraph works with us from the start all the way to the finish. It is professional, compassionate, and passionate about its products. The technical group knows their product. Intergraph is my favorite vendor to work with on a project.”

- Darcy Russell, Senior Project Manager for Alberta Health Services, Canada



Boston

**Onondaga,
NY**

**Fairfax
County, VA**

San Diego PD

**Cowlitz
County, WA**

**Westmoreland
County, PA**

**New York
EMS**

San Jose

**Marin
County**

**Tacoma Fire,
WA**

**Maricopa
County, AZ**

**Chester
County, PA**

**Mountain
View PD**



NYPD



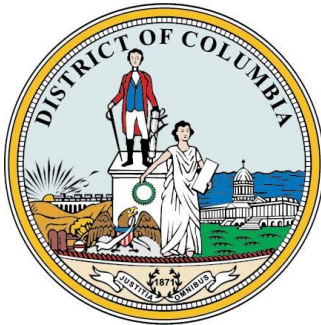
**Fairfax County, VA –
Police, Fire, EMS**



**Boston, MA –
Police, Fire, EMS**



**FDNY
Fire, EMS**



**Washington DC –
Police, Fire, EMS**



**San Jose, CA –
Police, Fire, EMS**



**San Diego County,
CA - Police**



**Mountain
View**



Palo Alto



Los Altos



San Jose



**Alameda
County Sheriff**



**Alameda County
Fire & EMS**



**San Francisco
Airport (SFO)**



What Our Customers are Saying

“I like how involved Intergraph is with the local users groups and regional groups.”

- Stephen Karcher, Emergency Services Dispatch Supervisor for Alameda County Sheriff's Office





**Sonoma County
Law, Fire & EMS**



**Napa County
Law, Fire & EMS**



**Marin County
Law, Fire & EMS**



What Our Customers are Saying

**“Intergraph is the best in the
business, hands down.”**

- Steven Cain, Software Analyst for
City of Norfolk





John Novohradsky

Overview of Hexagon's approach to the project including time table

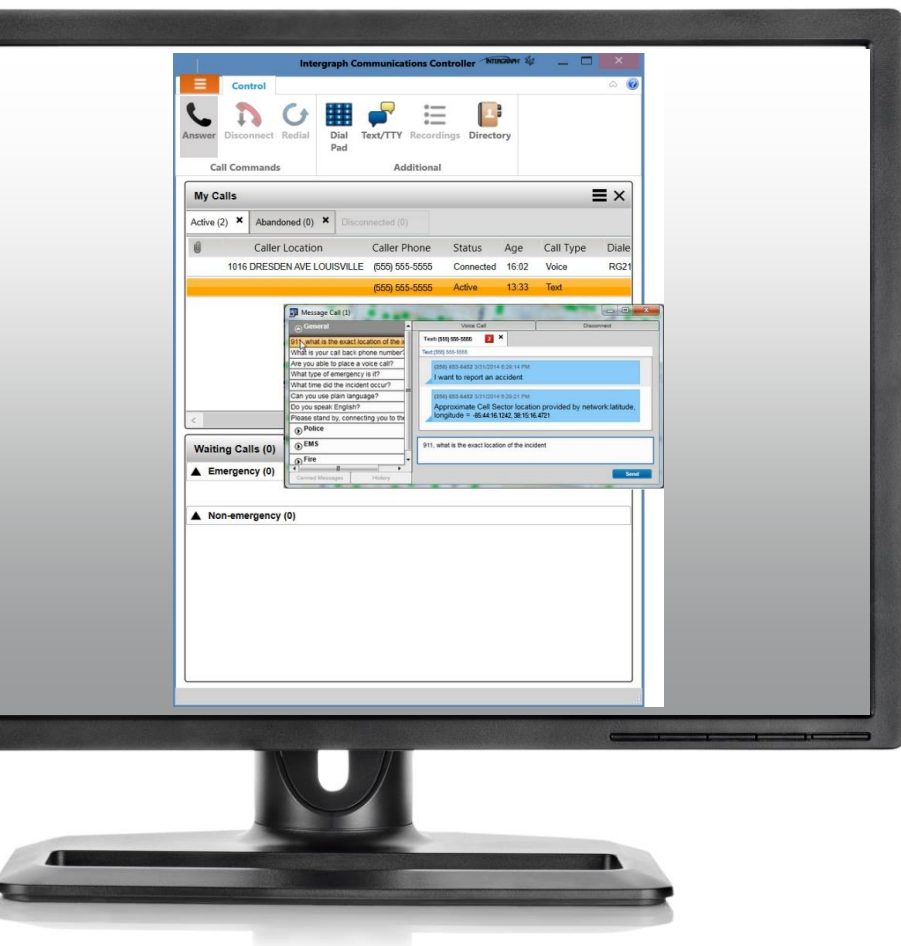


I/CAD 9.3 leverages next-generation communications in the public safety answering point (PSAP).

- Integrate voice, text, and data in an easy-to-use system.
- Combine call control and incident creation – using the Intergraph Communications Controller – for more efficient operations.

OVERVIEW



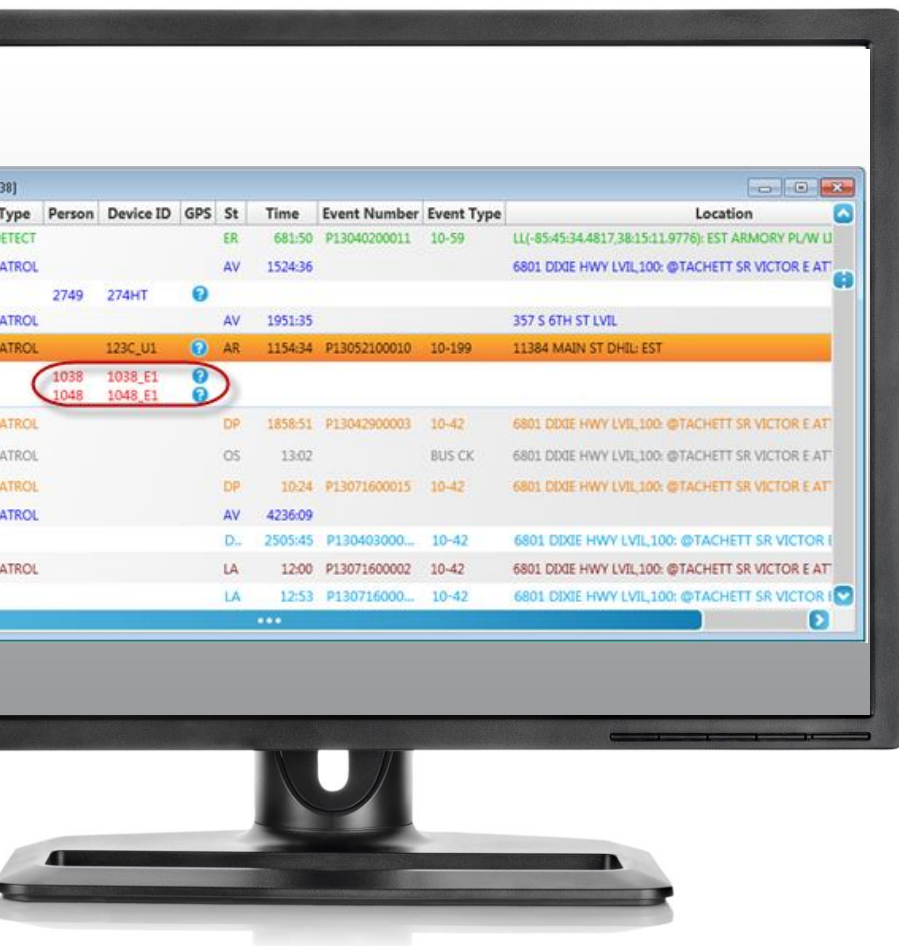


Communication Controller

CAD for Smart Response

Integrated voice and text call, providing call control and support for multimedia data. It gives you call control and incident creation in a single environment, with common call management functions.





I/Dispatcher

CAD for Smart Response

I/Dispatcher provides a common operating picture with the tools needed to field calls, create and update incidents, and manage critical resources from a single interface.



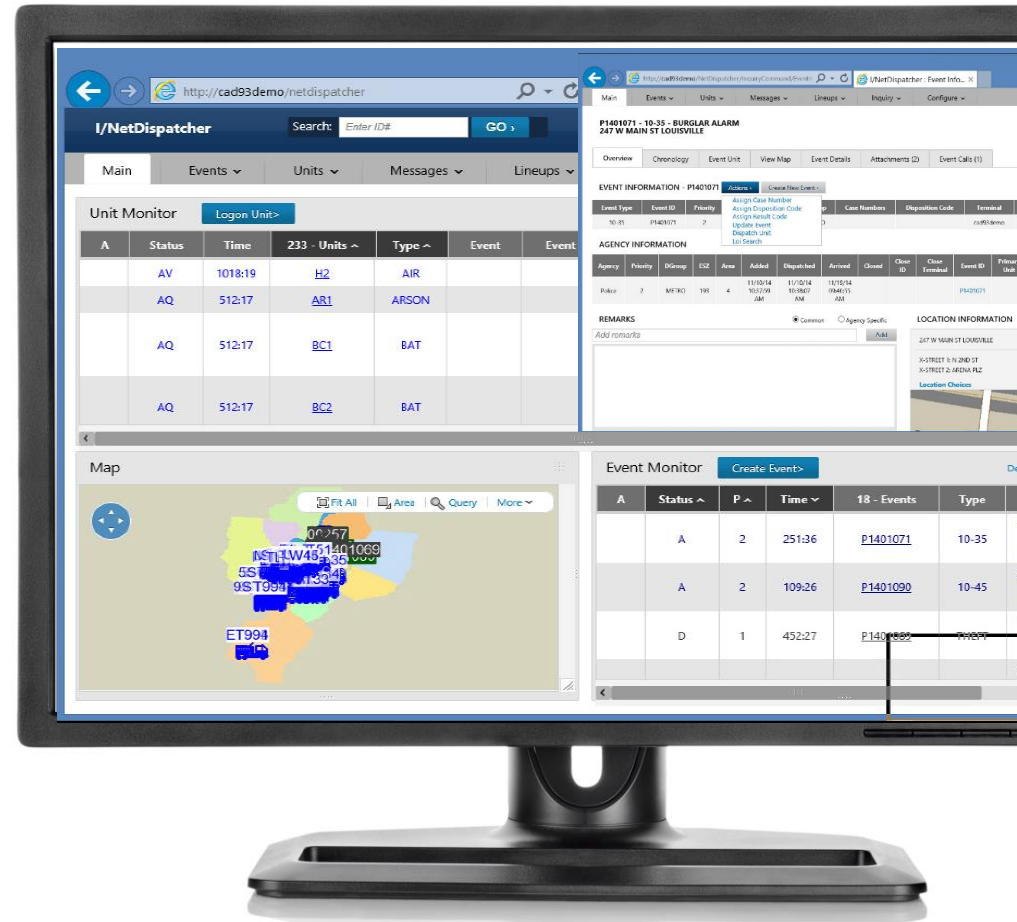
Net Products

I/NetViewer / I/NetDispatcher®

Browser agnostic access to CAD data

Web-based dispatch capabilities

Quick access to data from outside the comm center



I/CAD 9.3 improves mobility and safety of field personnel.

- Track and manage individual responders for better incident management.
- Share pictures and video to improve situational awareness.



Person Level Tracking

Full Situational Awareness

Track personnel through multiple devices

Available with the following:

- I/Dispatcher
- I/NetDispatcher
- I/NetViewer
- Mobile Responder



OVERVIEW

Mobility and Safety

- Get constant access between dispatchers and responders for real-time communication.
- Use better maps and simpler tools to improve efficiency.
- I/CAD 9.3 reduces the time and cost for new technology deployments.



Intelligent Maps

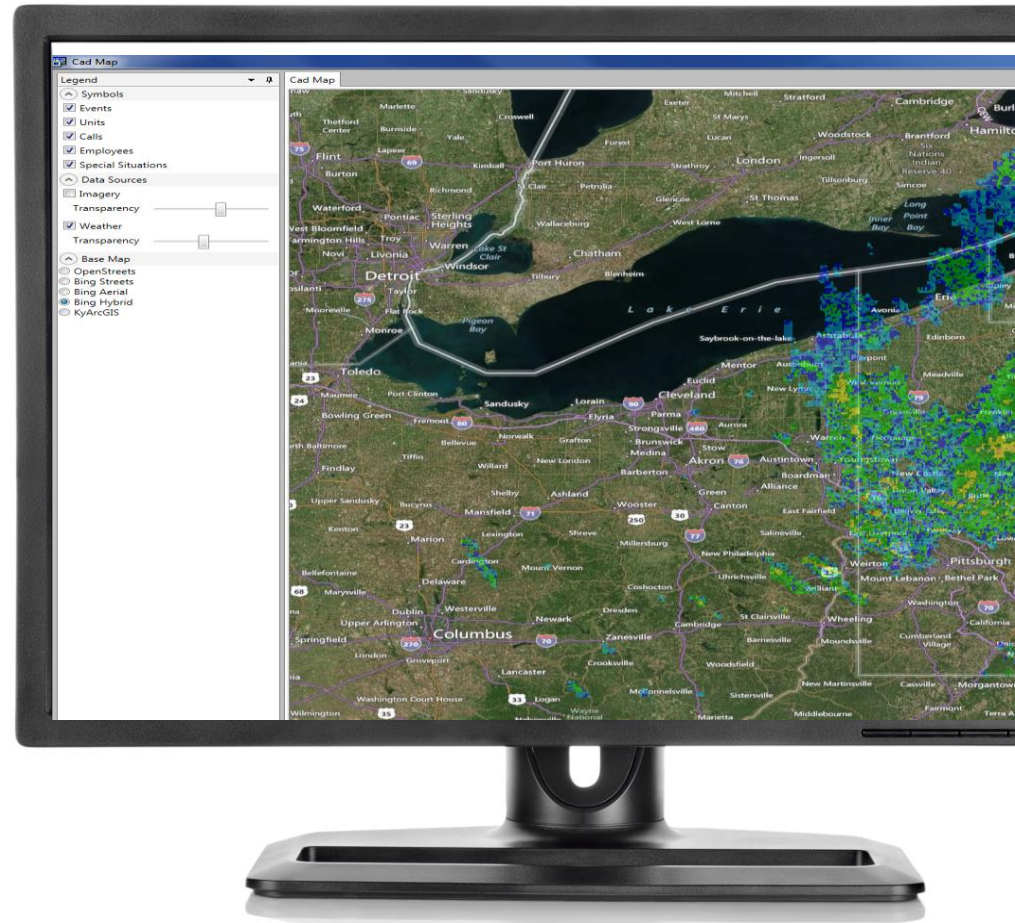
Multi-Source Map View

Public map data views

Dynamic view, syncs to existing maps

Imagery, data overlaid when needed

Mapbox, open streets, ArcGIS, weather





Mobile for Public Safety

Overview

Mobile for Public Safety is a full-feature extension of I/CAD for laptops and Windows 8 mobile devices. It can be used for voiceless dispatch, status updates, messaging, and queries to a variety of databases such as National Crime Information Center.



Commercial Building Fire



Traffic Accident



Mobile Responder

Extends I/CAD to Smartphones & Tablets

An easy-to-use product – Improves safety and productivity

Saves time and money – Fast deployment, shorter training times and simple updates

Deployed at New Zealand Police – 15,000 devices for 6,500 frontline police



Business Intelligence for Public Safety

THE Solution for Agency Problems

Agency Problems

Funding and resources are limited

More data than ever from both within and outside your jurisdictions

Manual processes for mining and analyzing data

Massive amounts of data are difficult to understand and report on

BI for Public Safety

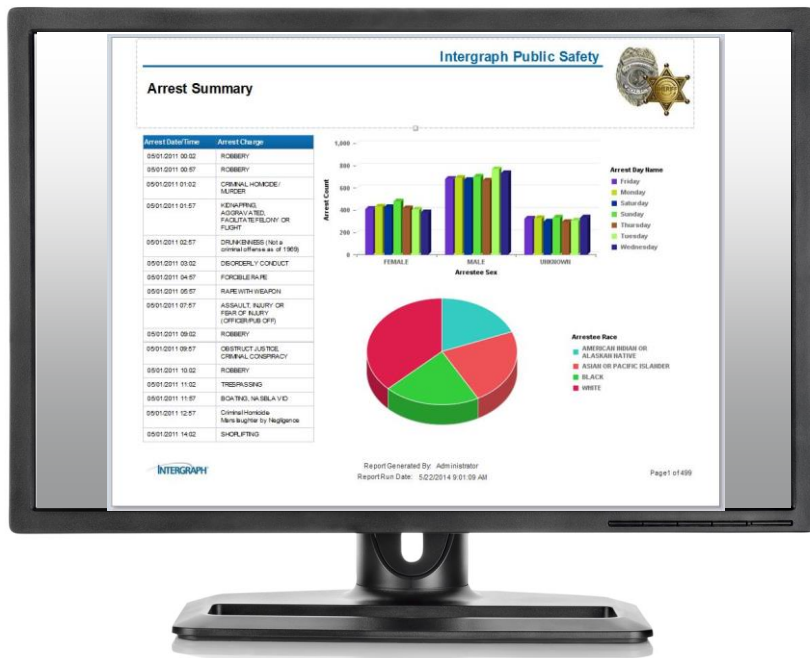
Analytical software is easily accessible

Secured access to reports and information

Graphical display of data makes it easy to understand

Better decision-making and operational planning

Analysis results drive tactical decisions – **time is critical**



Sample Reports

Louisville Metro Safe

Response Time by Dispatch Group/Priority



Date Range: 9/1/2007 - 9/30/2007
Agency: LMPD
Dispatch Group: ALL
Priority: ALL

Dispatch Group	1	2	3	4	5	6	7	8	METRO	Average Response Time
Priority										
0	00:06:32	00:10:11	00:16:16	00:11:59	00:05:29	00:08:38	00:06:15	00:07:00	00:00:01	00:09:45
1							00:02:38			00:02:38
2	00:06:19	00:06:24	00:06:07	00:05:37	00:03:29	00:07:29	00:09:37	00:06:42	00:02:04	00:06:43
3	00:13:06	00:12:29	00:17:35	00:13:46	00:12:00	00:15:49	00:20:49	00:18:56	00:00:01	00:15:31
4	00:10:09	00:10:04	00:23:50	00:13:29	00:12:46	00:15:22	00:16:59	00:20:34	00:00:36	00:14:07
5	00:02:08	07:43:53		01:50:00	00:02:22				00:00:01	01:17:01
6			00:03:00			00:00:01	00:00:16		00:00:01	00:00:33
Average	00:08:48	00:08:38	00:14:44	00:09:01	00:07:33	00:11:37	00:14:53	00:13:34	00:00:45	00:10:41

Louisville Metro Safe



Response Time by Day of Week/Hour of Day

Date Range: 9/1/2007 - 9/30/2007
Agency: LMPD
Dispatch Group: ALL
Priority: ALL

Day of Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Response Time
Hours 24								
0	00:06:47	00:06:37	00:06:31	00:05:03	00:05:38	00:07:36	00:08:51	00:06:47
1	00:04:54	00:06:28	00:03:45	00:04:34	00:04:10	00:07:20	00:06:57	00:05:42
2	00:05:49	00:03:56	00:03:10	00:03:01	00:04:56	00:07:52	00:08:03	00:05:44
3	00:05:40	00:03:43	00:04:24	00:03:51	00:05:06	00:07:07	00:09:25	00:06:10
4	00:08:08	00:05:13	00:06:25	00:08:28	00:06:28	00:08:47	00:10:25	00:08:21
5	00:15:34	00:12:51	00:11:06	00:13:28	00:16:55	00:10:10	00:15:11	00:13:55
6	00:13:34	00:15:57	00:16:41	00:13:28	00:16:01	00:15:54	00:15:44	00:15:43
7	00:13:43	00:13:00	00:11:20	00:11:32	00:11:29	00:13:34	00:11:22	00:12:19
8	00:15:02	00:08:52	00:08:02	00:06:47	00:07:46	00:11:08	00:11:38	00:10:14
9	00:07:37	00:07:47	00:06:22	00:06:54	00:07:43	00:16:06	00:09:52	00:08:54
10	00:11:29	00:14:28	00:06:55	00:08:48	00:12:37	00:14:25	00:13:22	00:12:00
11	00:11:48	00:06:03	00:08:48	00:06:16	00:06:29	00:11:39	00:12:53	00:10:21
12	00:14:12	00:11:52	00:08:48	00:11:37	00:15:25	00:16:52	00:16:34	00:13:31
13	00:16:02	00:12:41	00:12:06	00:13:09	00:13:13	00:21:41	00:17:57	00:15:10
14	00:10:06	00:11:34	00:11:31	00:14:32	00:14:59	00:13:52	00:12:11	00:12:39
15	00:07:47	00:13:02	00:09:05	00:10:37	00:12:32	00:07:35	00:08:21	00:09:54
16	00:12:26	00:12:20	00:10:38	00:09:36	00:14:40	00:11:18	00:10:32	00:11:35
17	00:12:50	00:11:00	00:12:16	00:14:27	00:12:42	00:11:51	00:13:53	00:12:44
18	00:13:02	00:10:10	00:09:49	00:10:37	00:11:45	00:09:05	00:12:02	00:10:51
19	00:13:03	00:11:26	00:11:12	00:09:30	00:12:06	00:11:40	00:11:06	00:11:25
20	00:06:40	00:06:41	00:06:16	00:06:26	00:10:41	00:11:46	00:10:42	00:10:07
21	00:06:35	00:06:46	00:10:59	00:10:44	00:10:00	00:12:49	00:13:47	00:10:46
22	00:08:52	00:09:10	00:10:41	00:10:14	00:10:38	00:16:11	00:09:01	00:10:56

Louisville Metro Safe

Number of Events by Day of Week/Hour of Day

Date Range: 8/1/2007 - 8/31/2007
Agency: ALL
Dispatch Group: ALL
Priority: ALL

Day of the Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
Hour 24								
0	254	304	367	365	402	434	415	2,571
1	234	243	321	321	354	383	378	2,234
2	195	224	283	270	293	346	358	1,969
3	181	162	211	312	215	347	303	1,761
4	153	155	206	206	163	236	191	1,292
5	186	162	186	204	240	164	135	1,277
6	277	237	308	307	329	199	133	1,756
7	320	300	415	456	365	217	204	2,290
8	373	382	473	436	426	312	230	2,632
9	390	376	514	511	426	327	243	2,767
10	376	406	471	445	478	373	271	2,818
11	350	388	549	465	526	357	274	2,900
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
Total								

Louisville Metro Police Department



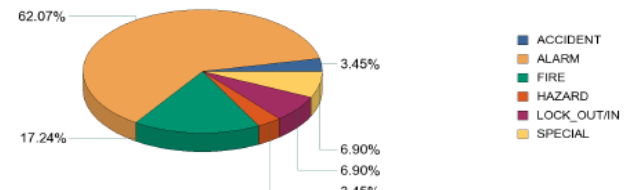
Demand Analysis

Date Range: 8/30/2007 - 8/31/2007
Agency: LFD
Dispatch Group: All
Priority: All

Agency: LFD - Louisville Fire Department
Dispatch Group: LFD
Priority: 2

Event Type Code	Event SubType	Event Count
ALARM	Fire Alarm Sounding-Commercial	12
ALARM	Fire Alarm Sounding-Residential	6
FIRE	Automobile Fire	2
LOCK_OUT/IN	Child Locked/Car	2
SPECIAL	Arson Investigation	2
ACCIDENT	Auto Accident vs Structure	1
FIRE	Electrical Odor-Structure	1
FIRE	Fire/Close to Structure	1
FIRE	FOOD ON THE STOVE	1
HAZARD	Wires Down	1
Total		29

Percent by Type



CAD Reports

Available Units Details

Call Statistics

Case Number

Demand Analysis

Diversion History

Event Detail

Event Remarks

Events Pending Dispatch Details

Location of Interest

Officer History

Top Event Locations

Tow Request

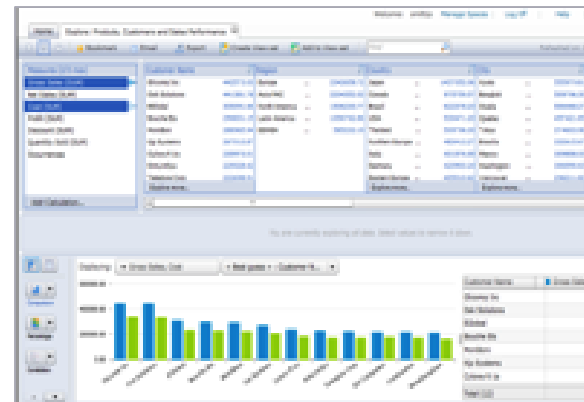
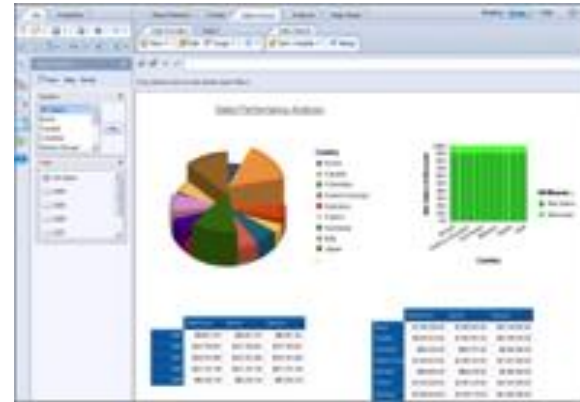
Tow Services Equipment Status

Tow Services Information

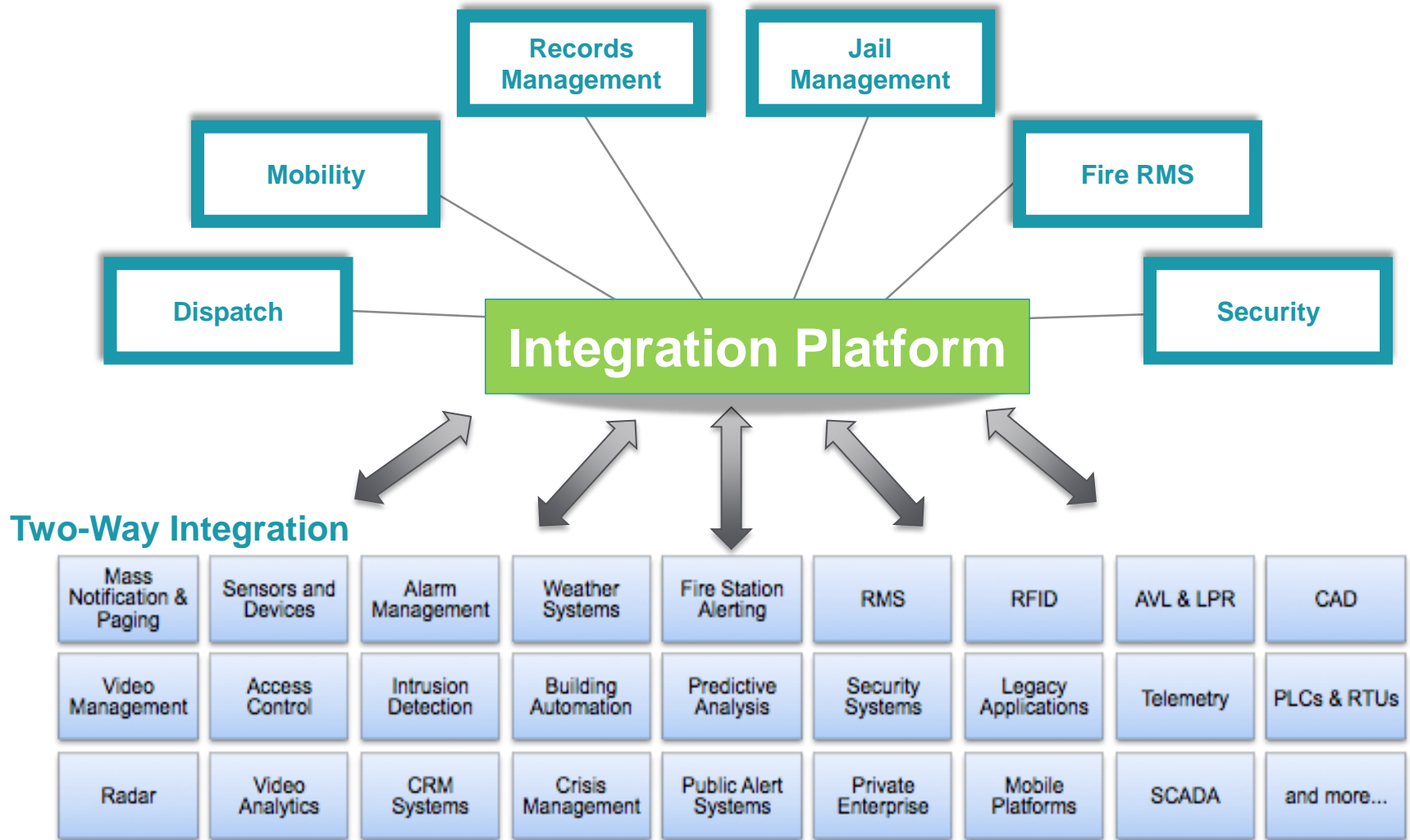
Unit History

Unverified Locations

Delivered Content (Templates)



EdgeFrontier



Solution Demonstration

SMARTERDECISIONS