



RTIMIS Status Update



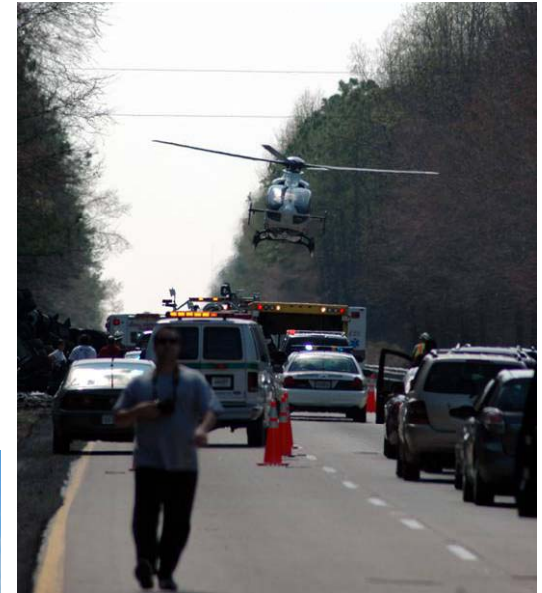
Roadmap

- ◆ Background
 - Purpose
 - History
- ◆ Recent Enhancements
 - Application improvements
 - New participants
 - Statewide
- ◆ Future directions



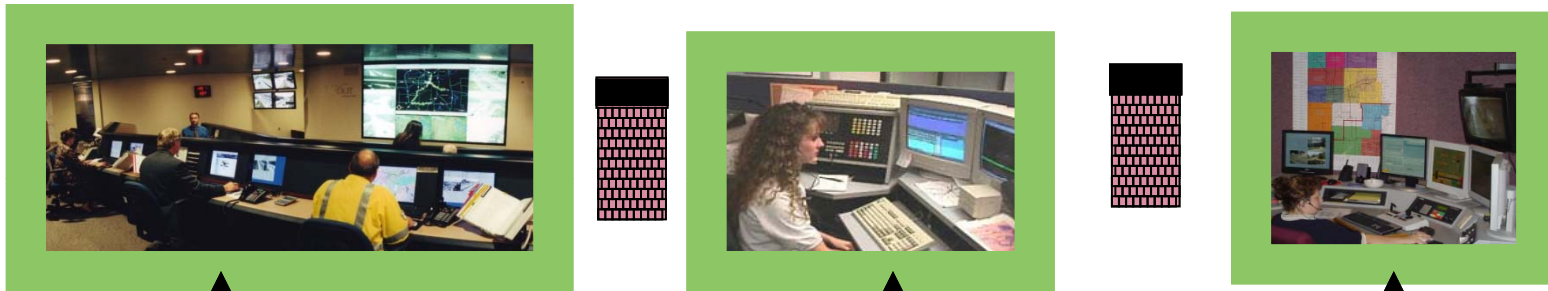
The Objective

Improve safety
and mobility through
sharing *existing* information





Opportunity Statement: traffic incident management could be improved by automated sharing of available information



Communication stovepipes





RTIMIS Description

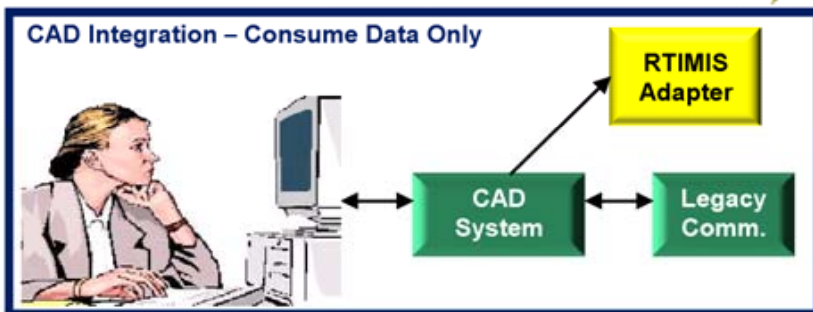
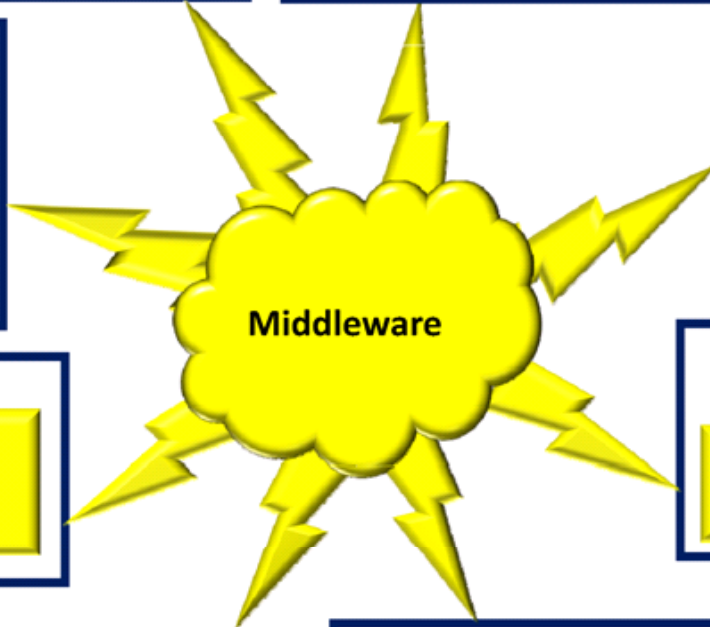
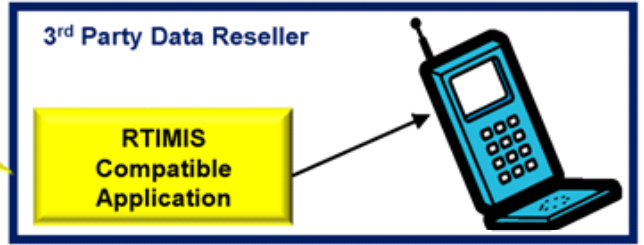
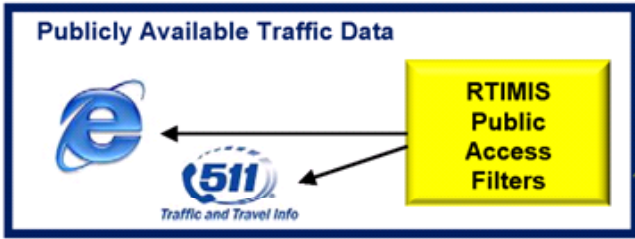
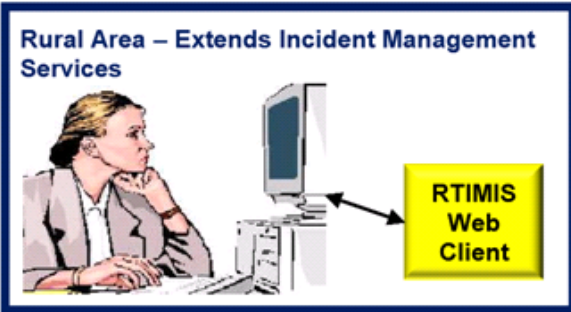
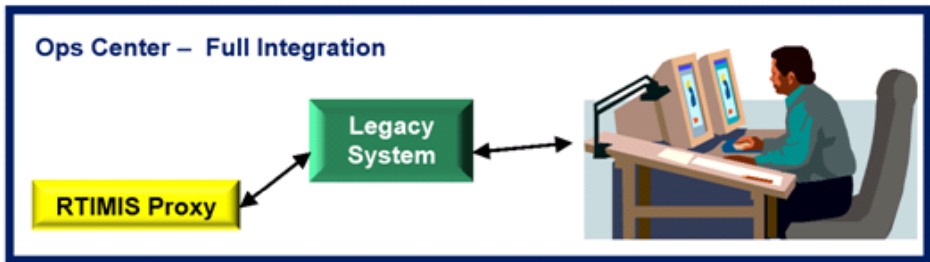
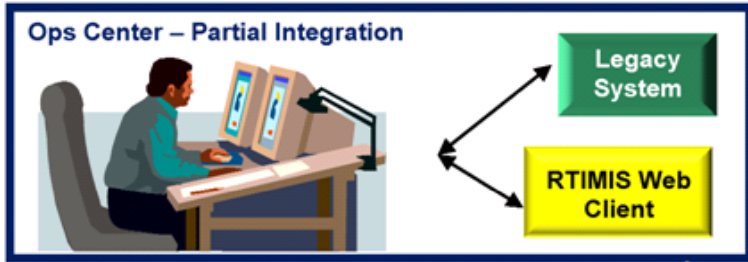
RTIMIS is a system which enables sharing vital real-time information between transportation and incident management stakeholders by interfacing with existing stakeholder systems and users.



RTIMIS

- ◆ Real Time
- ◆ Secure, login protected access
- ◆ Automated Data Extraction (zero operator impact)
- ◆ Data Filtering
- ◆ Automated Data Injection







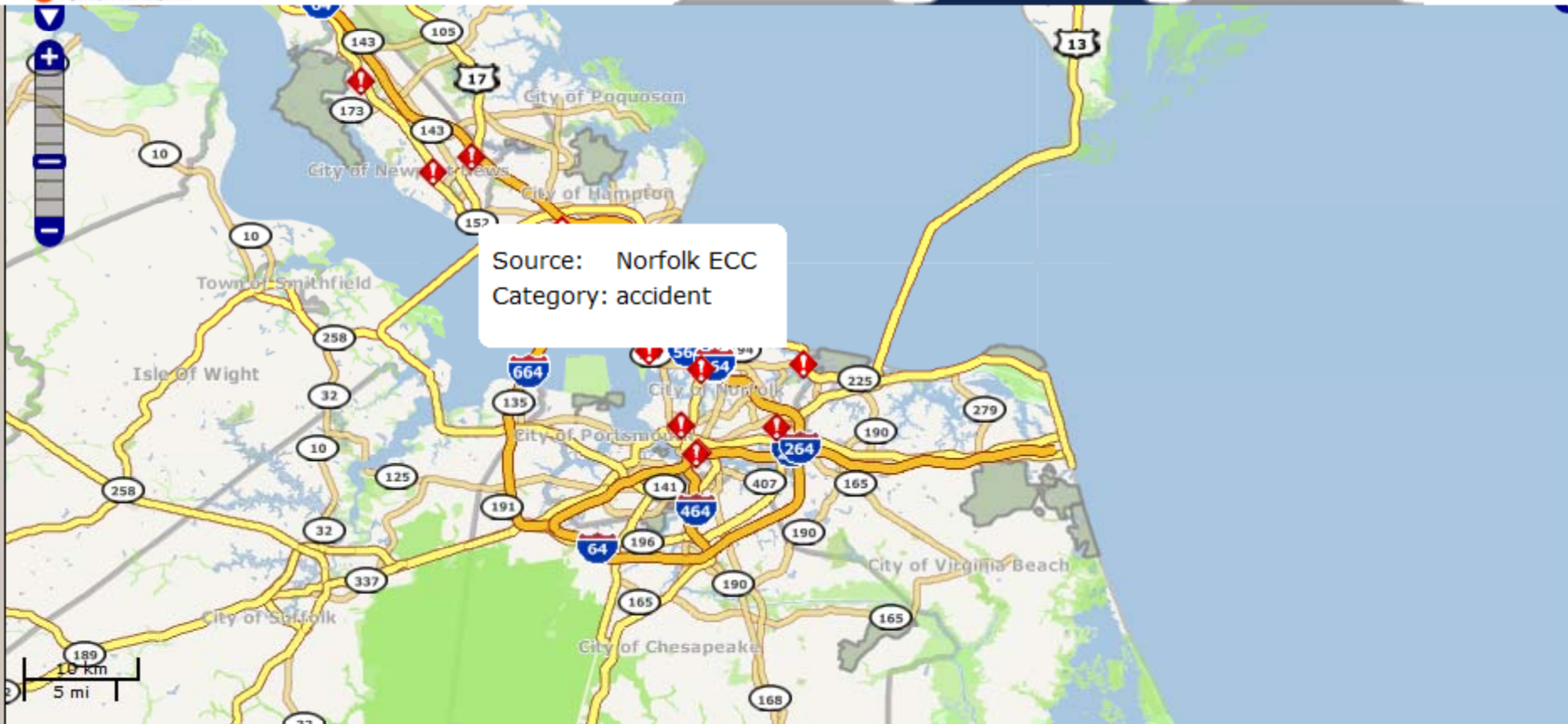
Hampton Roads RTIMIS

- ◆ Launched April 2007
- ◆ Data Sources
 - CAD Systems
 - Signal Systems
 - Incident Management Systems
- ◆ Participants
 - VDOT
 - Norfolk
 - Suffolk
 - Hampton
 - Newport News
 - VSP



Recent Application Changes

- ◆ Web viewer was dated
 - Incompatible with current browsers
 - Limited map view
- ◆ Complete rewrite of web viewer
 - Full screen map view
 - Enhanced notification functions
 - More personalization options



Details

History

Map Legend

Incident: accident

ID: OreoNorfolk911-2305008

Location: 7900 SHORE DR; SHORE DR and E LITTLE CREEK RD

Updated: 10/06/11 16:20

Incidents(8)

Map View

 Source Description Location Appl Columns On / Off

Source	ID #	Status	Event Type	Location	Description	Last Update
DIV3@vsp.state.v	DIV311061457	Dispatched	MOTOR VEH CRASH - PROP DAMAGE	LEE HWY/COLLEGE LANE: AT BLUE RIDGE COMMUNITY...	DISP:	10/06/11 16:52
DIV3@vsp.state.v	DIV311061440	Cleared	DISABLED VEHICLE HAZARD	LEESVILLE RD: BTWN EVINGTON AND LYNCH STATION	CLEAR: I HAVE CHECKED LEESVILLE RD FROM RT 43 TO RT 460	10/06/11 17:04
DIV3@vsp.state.v	DIV311061431	Cleared	MOTOR VEHICLE CRASH-INJURIES	DRAFT AVE : NORTH OF COLE SPRINGS RD	CLEAR:	10/06/11 17:06
Hampton ECC	110231392	active	incident	ABERDEEN RD/58TH ST	ACCIDENT PROPERTY DAMAGE	10/06/11 16:19
Hampton ECC	110231424	active	incident	POWER PLANT PKWY/BRIARFIELD RD	ACCIDENT PERSONAL INJURY	10/06/11 16:57
Hampton ECC	110231420	active	incident	POWER PLANT PKWY/BRIARFIELD RD	ACCIDENT PERSONAL INJURY	10/06/11 16:57
Newport News ECC	3257589	active	accident	15425 WARWICK BLVD; WARWICK BLVD and ATKINSON WAY	COMBINED POLICE/FIRE RESPONSE	10/06/11 16:26
Newport News ECC	3257403	stale	accident	No location name	JUST OCCURRED	10/06/11 12:11
Newport News ECC	3257607	active	accident	No location name	PAST OR NO TRAFFIC HAZARD	10/06/11 16:41
Newport News ECC	3257606	active	accident	No location name	COMBINED POLICE/FIRE RESPONSE	10/06/11 16:41

Details

History

Save Workspace

Incidents(9)

Map View

Source Description Location Appl Columns On / Off

Source	ID #	Status	Event Type	Location	Description	Last Update
DIV3@vsp.state.	DIV311061457	Dispatched	MOTOR VEH CRASH - PROP DAMAGE	LEE HWY/COLLEGE LANE: AT BLUE RIDGE COMMUNITY...	DISP:	10/06/11 16:52
DIV3@vsp.state.	DIV311061440	Cleared	DISABLED VEHICLE HAZARD	LEESVILLE RD: BTWN EVINGTON AND LYNCH STATION	CLEAR: I HAVE CHECKED LEESVILLE RD FROM RT 43 TO RT 460	10/06/11 17:04
DIV3@vsp.state.	DIV311061431	Cleared	MOTOR VEHICLE CRASH-INJURIES	DRAFT AVE : NORTH OF COLE SPRINGS RD	CLEAR:	10/06/11 17:06
Hampton ECC	110231392	active	incident	ABERDEEN RD/58TH ST	ACCIDENT PROPERTY DAMAGE	10/06/11 16:19
Hampton ECC	110231424	active	incident	POWER PLANT PKWY/BRIARFIELD RD	ACCIDENT PERSONAL INJURY	10/06/11 16:57
Hampton ECC	110231420	active	incident	POWER PLANT PKWY/BRIARFIELD RD	ACCIDENT PERSONAL INJURY	10/06/11 16:57
Newport News ECC	3257589	active	accident	15425 WARWICK BLVD; WARWICK BLVD and ATKINSON WAY	COMBINED POLICE/FIRE RESPONSE	10/06/11 16:26
Newport News ECC	3257403	stale	accident	No location name	JUST OCCURRED	10/06/11 12:11
Newport News ECC	3257607	active	accident	No location name	PAST OR NO TRAFFIC HAZARD	10/06/11 16:41
Newport News ECC	3257606	active	accident	No location name	COMBINED POLICE/FIRE RESPONSE	10/06/11 16:41
Norfolk ECC	2304998	erased	accident	No location name	NO INJURY	10/06/11 16:20

Details History

New event from DIV3@vsp.state.va.us
A new external event has been received from DIV3@vsp.state.va.us

Save Workspace



New Participants

- ◆ Waiting on MOU
 - Virginia Beach
- ◆ In Progress
 - Chesapeake
 - York County
 - James City County



Statewide System

- ◆ Three Regional Systems
 - Hampton Roads
 - I-81
 - Northern Virginia
- ◆ Each region self sufficient
- ◆ All regions share data
- ◆ Statewide perspective available from any system



Future Directions

- ◆ Additional Devices
 - Flood detectors
 - Bridge lifts
- ◆ Video
- ◆ Two way integration with CAD system



Contact information

Devin Connelly

Devin.Connelly@openroadsconsulting.com

John Horner

Open Roads Consulting

John.Horner@openroadsconsulting.com

(757) 546-3401