

# NITTEC Coalition

Established in 1995 with a Federal Mobility Grant

Regional Collaboration and Leadership

- Technology Deployment
- Operations
- Incident Management
- Traveler & Traffic Information

Multi-Agency Transportation Operations Coalition

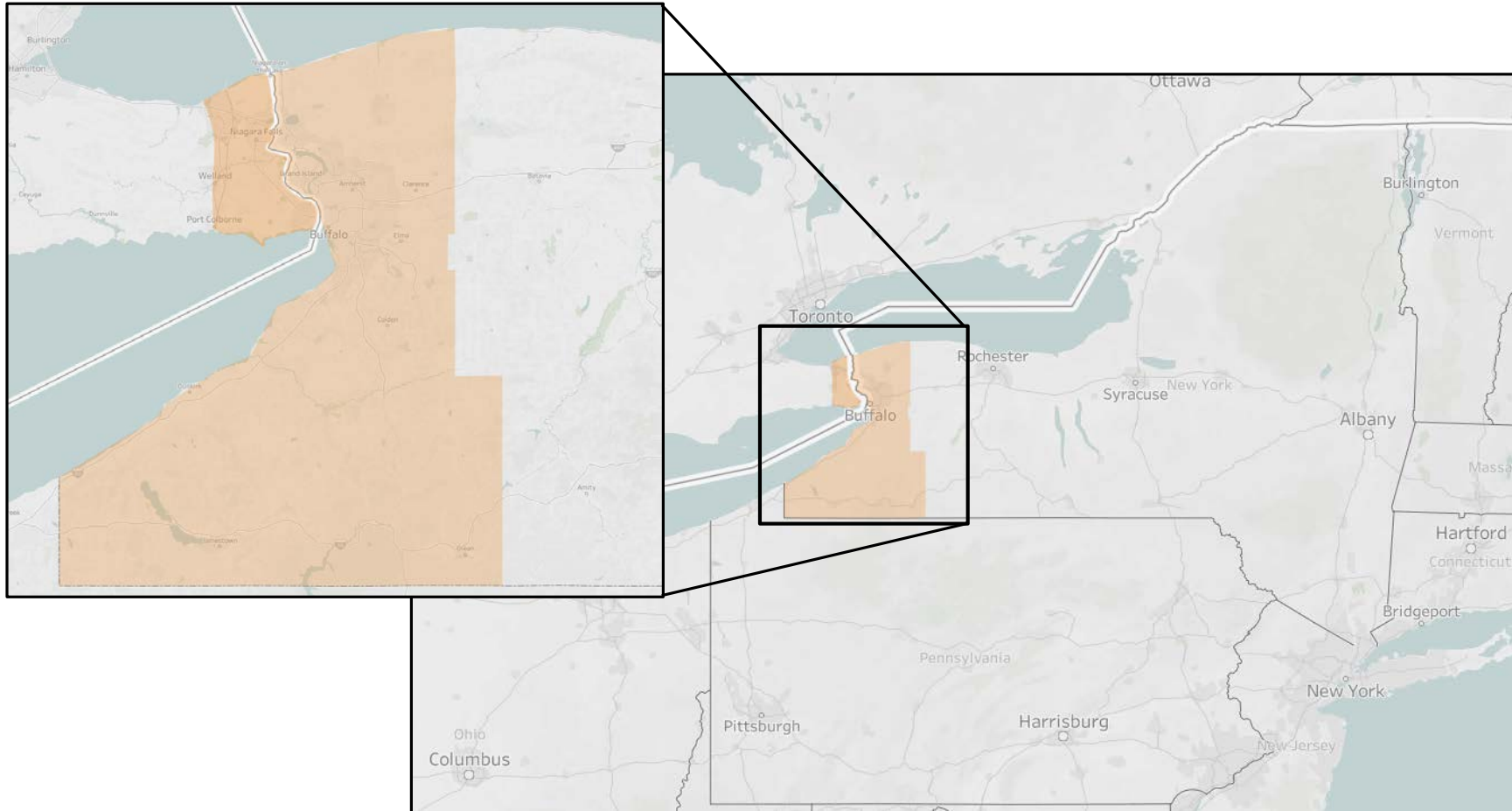
- 5 Policy Members, 9 General Members, 28 Affiliate Members
  - Transportation Agencies
  - Public Safety and Border Enforcement
  - Emergency Services and Recovery
- Only Bi-national Coalition of its kind in U.S. / Canada

**NITTEC Mission**  
***To improve mobility,  
reliability and safety on  
the regional bi-national  
multimodal  
transportation network  
through information  
sharing and coordinated  
management of  
operations.***



2021 Annual Meeting

# NITTEC Region-Southern Ontario/Western NY



2021 Annual Meeting

# NITTEC Functions

- Multi-agency Collaboration
- Traveler Information
- Border Traffic Management
- Emergency Management
- Incident Management
- Construction Coordination
- Traffic and Congestion Management
- Weather System Monitoring
- Special Event Planning and Management
- Transportation System Monitoring
- Performance Measures Reporting



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# NITTEC Operations Center

- Centralized 24/7 operations and traffic management services for bi-national region
- Information Clearinghouse
- Standardized Operations
- Multi-Agency Event Planning and Operations
- Multi-Agency ITS Deployment
- Regional Messaging Standards
- Traffic Management Plans



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# Traveler Information

**nittec**  
Travel Smart.  
Niagara International Transportation Technology Coalition

There are no alerts at this time.  
NITTEC News Flash: updated 12/6/2013 9:59am

Map View: Select View (Refresh)  
Traffic: Select Region (On/Off)  
Incidents / Alerts: Select Incident / Alert (On/Off)  
Cameras: Select Camera (On/Off)  
Construction: Select Construction Act (On/Off)  
Dynamic Message Signs: Select Location (On/Off)  
Arenas / Concerts: (On/Off)

**TRAFFIC SPEED VIEW**

- 45+ mph
- 26 - 45 mph
- 0 - 25 mph
- No Data
- No Instrumentation

**Border Crossing: Real-Time Border Crossing Information: (updated 12/6/2013 9:30am)**

	Peace Bridge	Rainbow Bridge	Lewiston/Queenston Bridge
Crossing Into U.S.A.	0-30 min	30-60 min	1-2 hr
Crossing Into Canada	0-30 min	0-30 min	0-30 min

Legend: 0 - 30 minutes | 30 - 60 minutes | 60+ minutes



# Incident Management - Collaboration

- Regional Incident Management Committees – WNY & Ontario
- Monthly Meetings & Incident Debriefing
- Response Protocol Agreements
- Standardized Facility Incident Markings
- Education and Training
- Relationships
- Promotion of National Unified Goal for Incident Management



# Incident Management

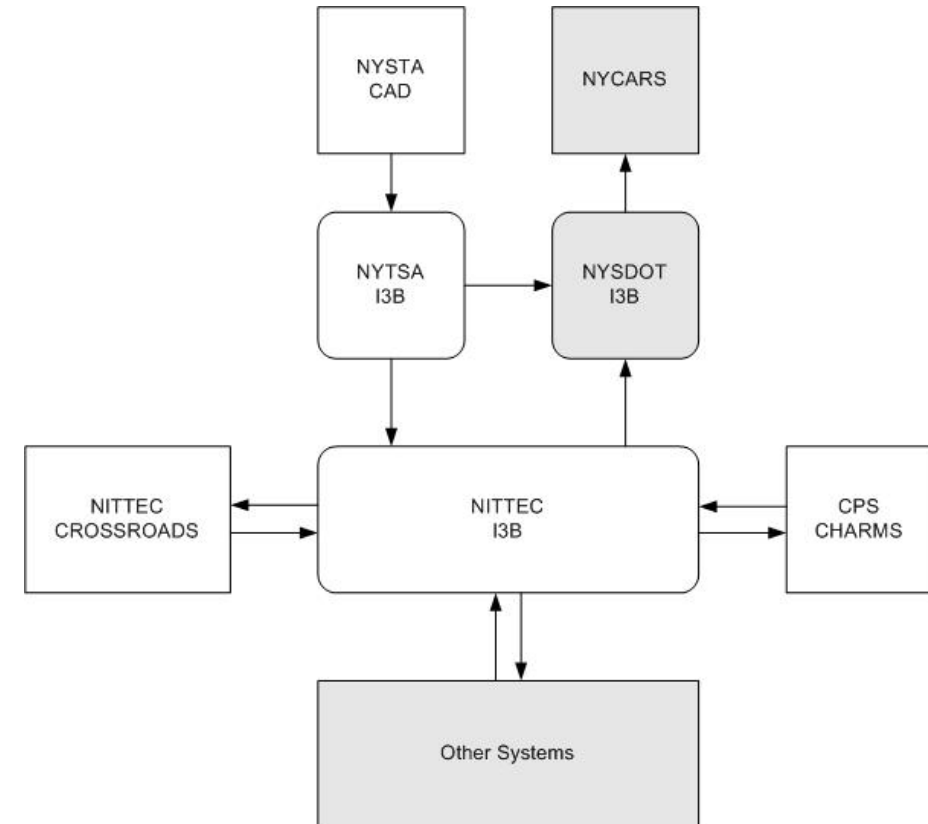
- Single Regional Contact Point
  - Transportation Agencies
  - Public Safety & Emergency Services
  - Roadside Assistance
  - Weather
- Major Incident Support Systems
- CAD – ATMS Data Sharing
  - Real-time Data Sharing Through Direct Network Connectivity
  - Transportation Agencies
  - Public Safety Agencies



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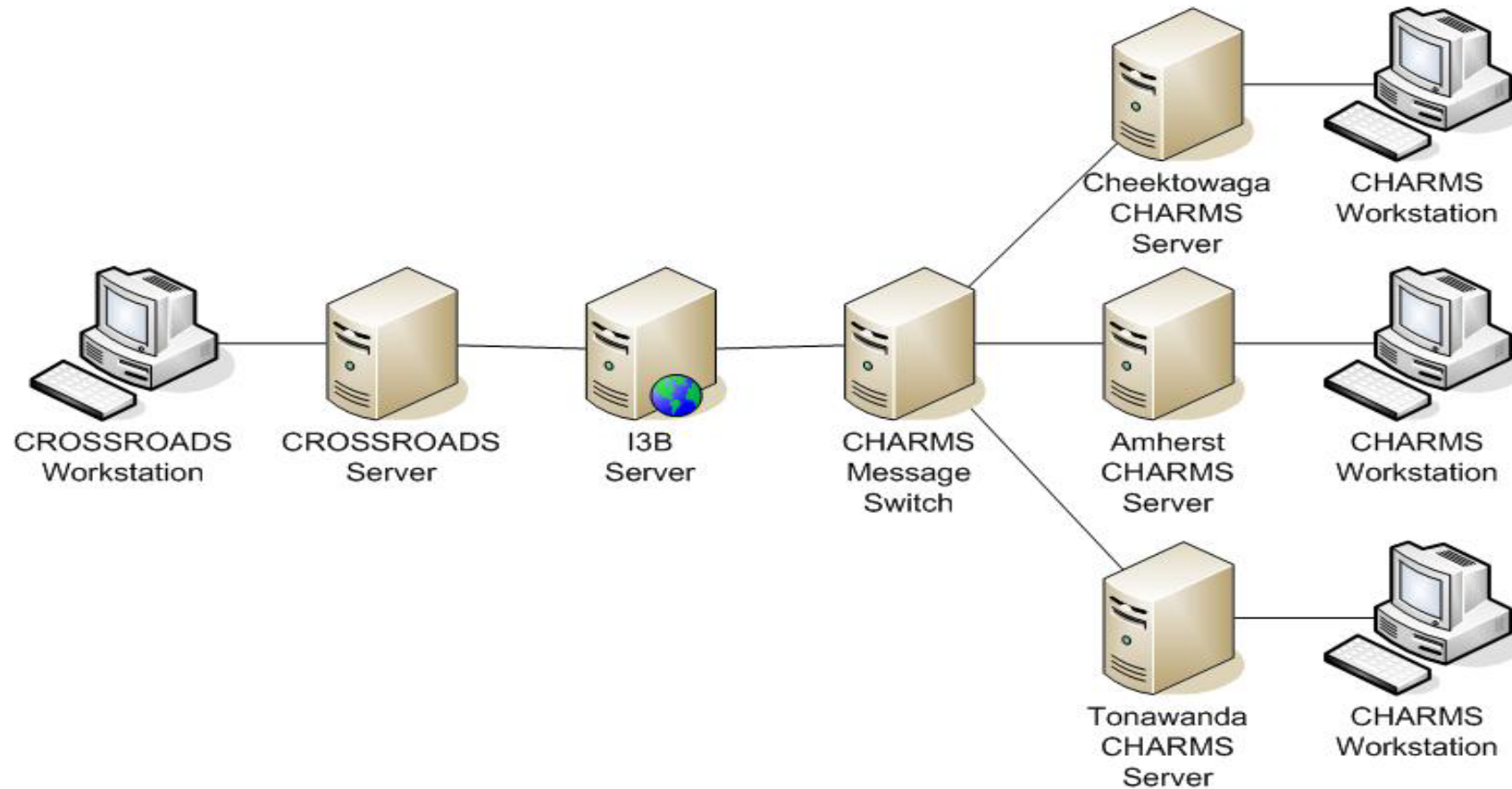
# System Integration and Data Distribution

- 2006 developed Concept of Operations
- NITTEC Acts as hub for all transportation information
- Incoming data
  - Verbal – phone / radio
  - Visual – CCTV
  - Systems – ATMS, detectors, CAD integration, etc.
- Outgoing information
  - C2C - Integration
  - Xml format
  - Email / Chatter
  - Verbal





# CROSSROADS-I3B-CHARMS Interface



# NITTEC ATMS Integration

The map displays the Niagara Falls region with various roads and highways. An 'Active Event List' window is overlaid on the bottom left of the map.

Action Req'd	Detection Time	State	ID	Plan	Type	Owner	Location
	09/22/2020 22:15:45	Ongoing	-8897	117	Planned	jthompson	Route 5 Eastbound 0.51 miles
	07/31/2020 20:19:31	Ongoing	-8760	9716	Planned	jthompson	Route 400 Northbound 1.21 m
	07/31/2020 19:32:06	Ongoing	-8756	9712	Planned	jthompson	Route 400 Southbound at Olex
	07/06/2020 07:40:29	Ongoing	-8691	9545	Planned	jthompson	RTE 425 Southbound 0.40 mi
	07/06/2020 07:33:17	Ongoing	-8689	9543	Planned	jthompson	RTE 425 Northbound 0.50 mil
	05/28/2020 12:25:16	Ongoing	-8545	9212	Planned	jthompson	RTE 394 Eastbound 0.67 mile
	05/28/2020 12:21:22	Ongoing	-8536	9188	Planned	jthompson	RTE 394 Westbound 1.05 mile
E →	09/28/2020 10:03:04	Unconfirmed	208	-	Incident	Not Owned	I-190 Southbound at I-90

### Update Incident

Event ID: 208      Plan --      Owner: wlobuzzetta

**DETECTION**  
 Detection/Update Source: CHARMS  
 Agency Reporting: NYSTA  
 Detection Time: 09/28/2020 10:03:04  
 Last Update Time: 09/28/2020 10:03:23  
 Event State: Unconfirmed  
 Current Update No: 0  
 Agency Details: [Details...](#)

**EVENT CLASSIFICATION**  
 Event Type: Incident      Cause/Type: Traffic event

**LOCATION**  
 Downstream: I-190 Southbound at I-90      CCTV 18  
 Upstream: I-190 Southbound at I-90      CCTV 107

**DESCRIPTION**  
 I-190 - Niagara Thruway debris on roadway unconfirmed report

**BLOCKAGE/CLOSURE PATTERN**  
 Lane 1    Lane 2    Lane 3    RS  
 Blockage  
 Closure  
[Config...](#)  
 Full Road Closure

**SYSTEM RECOMMENDED ACTIONS**  
 New Center Detected Incident from CHARMS, Click Accept to manage this event  
[Reject](#)    [Accept](#)

Generate Event Screen For Reverse Direction: [YES](#)    [OK](#)    [Apply](#)    [Cancel](#)

# NITTEC – CPS Chatter

The screenshot displays the NITTEC CPS Chatter application window. The title bar reads "Chatter ver 2.0.2.8 [TRF1-NITTEC]". The interface includes a "Logout" button, an "Emergency [F11]" indicator, and menu options for "Recall", "Options", "Help", and "Exit".

**Chat Agencies:**

- AFC
- AKR
- AMH
- AMHP1
- BLA
- BLAP1
- BRII
- BSC
- BSCP1
- CCO
- CHE
- CHEP1
- CPS
- CPSP1
- CTO
- DEP
- DEPP1
- EAU
- ECC
- ECS
- ECSPI
- EDN
- EDNP1
- EHC
- EPR
- ESU
- EVN
- EVNP1
- GIF
- GIS
- KEN
- LAK
- LAKP1
- NCS
- NFT
- NFTP1
- HSR
- HYA
- HYAP1
- SPF
- SPR
- THH
- THHP1
- TLH
- TLHP1
- TOP
- TTO
- UNY

**Members:** ALL TRAFFIC SAFETY USERS

**Chat Log:**

- AMH ONIONT (09/26/2020 16:37:30): 290WB down to 1 lane at the 990 for an injury accident
- AMH ONIONT (09/26/2020 17:07:20): 290 back open
- DEP MATTHEWS (09/27/2020 15:48:07): ATL- hit & run vehicle- tractor trailer gasoline truck struck vehicle s/b on transit between terrace & broadway. tractor trailer will have passenger side damage. If located contact Depew PD
- TTO LCHASE (09/27/2020 16:28:02): Colvin Bd is back open
- CHE MRAJP (09/27/2020 18:17:08): GENESEE STREET EAST AND WEST BOUND IS CLOSED FOR A MVA JUST EAST OF HARLEM
- CHE MRAJP (09/27/2020 22:37:39): GENESEE STREET IS NOW OPEN
- TLN ALBERTR (09/27/2020 22:38:28): who is my pick up tonight?
- WSE VASQUEZ (09/27/2020 22:42:55): Not sure
- SPF JOHNSOR (09/28/2020 01:26:27): PHONE LINES ARE DOWN AT SPRINGVILLE FIRE CONTROL PLEASE CALL CELL AT 716-341-2247 IF NEEDED TECH IS WORKING ON IT
- SPF JOHNSOR (09/28/2020 01:39:46): TECH STATED SPECTRUM HAS LINES DOWN IN THE AREA AND PHONES SHOULD BE UP WITHIN THE HOUR
- SPF JOHNSOR (09/28/2020 02:48:52): AT THIS TIME WE HAVE 716-592-9323 BACK
- SPF JOHNSOR (09/28/2020 04:32:52): ALL OF OUR LANDLINES ARE BACK UP NOW
- WSE GALLAGHER (09/28/2020 05:19:17): Clinton St between Bosse and Borden shut down for structure fire
- WSE BREMN (09/28/2020 07:12:09): clinton st reopened
- ECS LEDERHOUST (09/28/2020 07:12:42): I dont think he ever calls in service with us
- ECS LEDERHOUST (09/28/2020 07:12:53): Disregard
- EMC BSLOMBA (09/28/2020 07:13:12): disregarding

**Bottom Bar:** All Traffic Safety Dept Users

**Bottom Right Controls:** Send, Sound On, Preview, Print

# Incident Management - Data

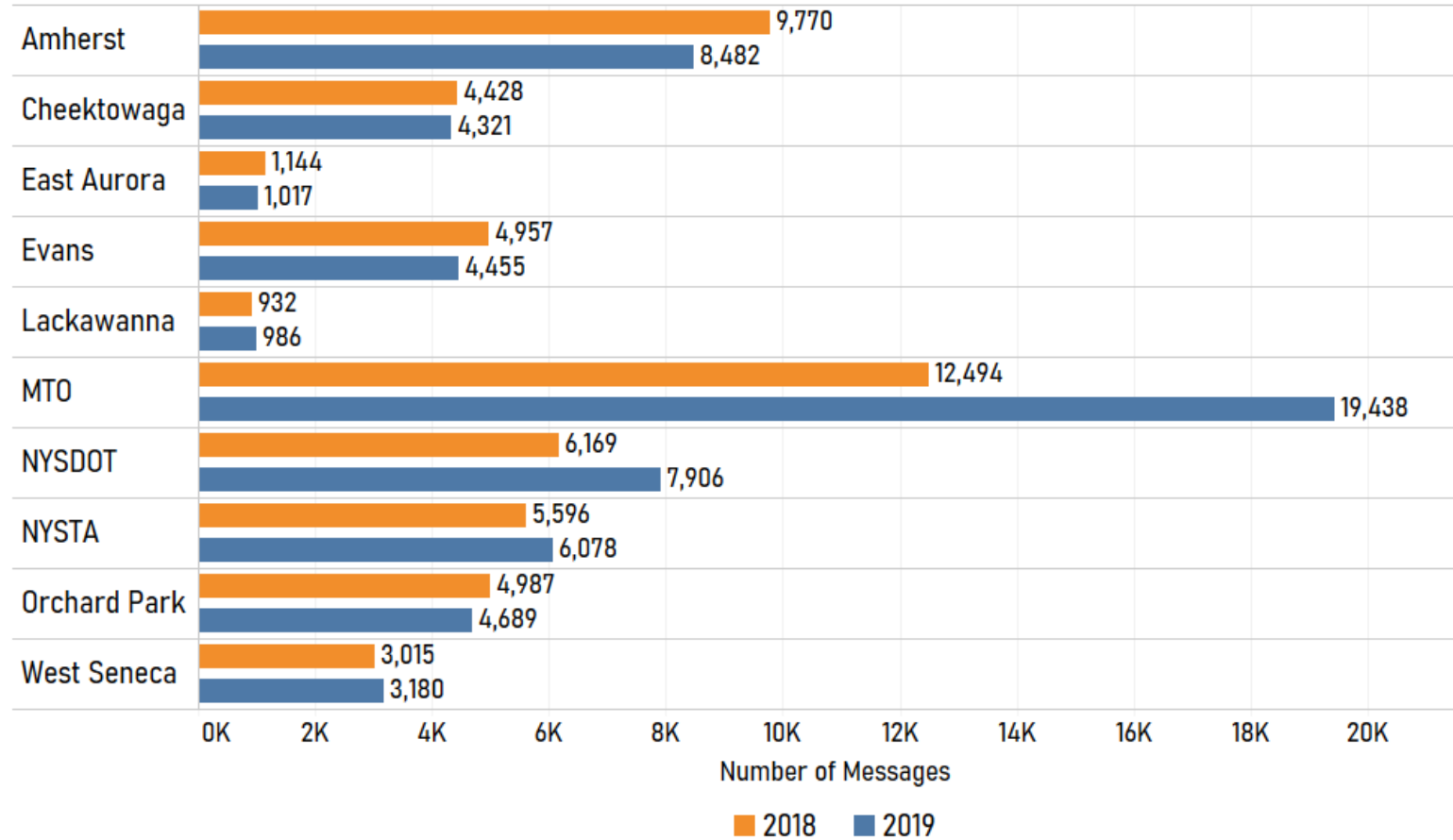
- Date / Time
- Location
- Severity
- Notifications
- Incident Timeline
  - Detection Time
  - Verification Time
  - Scene Arrival Time
  - Lane Clearance Time
  - Clearance Time
  - Scene Departure Time
  - Return to Normal Condition

The screenshot displays the NITTEC Incident Management software interface. At the top, it shows the Report ID (18840) and the Incident/Congestion status (Disabled Vehicle). The interface is divided into several sections:

- Report ID:** 18840, with navigation buttons (H, <, >, H) and actions (Add Report, Find Report, Save Report, Refresh, Update Report, Print Report).
- Operator:** Schwartz, Andrew.
- Date/Time:** 07/06/10, 8:55.
- Status:** Closed, with options for # of Lanes Blocked, Full Road Closure, and Secondary Incident.
- Event Description:** Called to report a DV on the shoulder of Route 33 east of Union, needs coolant.
- Operator Response:** He will assist. 070610 0810 Schwartz, Andrew Scene cleared.
- Incident Timeline:** Detection Time: 8:55, Verification Time: 8:59, Scene Arrival Time: 8:59, Lane Blockage Clearance Time: 8:59, Clearance Time: 8:59, Scene Departure Time: 9:10, Return to Normal Condition: 8:59.
- Incident Severity Level:** Major (selected), with options for Minor, Intermediate, and None.
- Help Activity Log:** Shows incident details, including Date (07/06/10), Time (8:55), and Referring Route (RTE - 33).
- Activation/Deactivation Times:** DMS, PAMS, HAR, ICWIS, Skyway, with their respective activation and deactivation times.
- Other Sections:** Detection Method (Phone Call), Caller Name (Help Team - NYSDOT), Caller Phone # (918-4235), Caller Organization (Help Team - NYSDOT), Driving Agency (NYSDOT), Crossroads (ID, DMS, CAPS, HICP, TRANSALERT, CHAFMS Event), and DMS List (DMS 1.0 S 1950 Amherst, DMS 3.0 W 1280 Colton, DMS 8.4 E 1280 Man, DMS 5.9 E 33 Hawkes/90, DMS 8.0 W 33 Union/90, DMS 0.5 W 198 Goat, DMS 14.1 N 400 W Seneca).

# Center-to-Center Data

## Messages Sent/Received



# Contact Information

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