



NJ Office of EMS

# NJ EMS Data

*Tim Seplaki*

# *Why Electronic Charting?*

*What's in it for MY Agency?*

# Why Electronic Charting?

## What's in it for MY Agency?

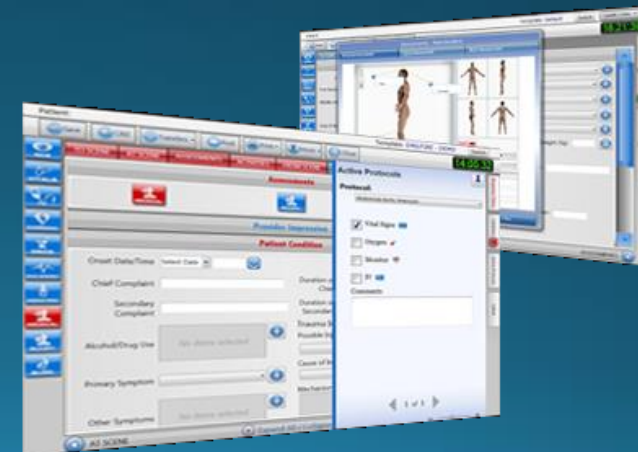
### Paper

- Can be hard to read
- Often left incomplete
- Security issues (HIPAA)
- Can be easily lost
- All statistical information must be manually calculated
- Some non-licensed agencies do not create a written record.

The image shows a detailed paper medical chart form. It is organized into several distinct sections, each with a header and a grid of checkboxes. The sections include: 'Response Times' (with sub-sections for various response categories), 'Patient Information' (with fields for name, date of birth, gender, etc.), 'Medical History' (with checkboxes for various conditions like hypertension, diabetes, etc.), 'Physical Examination' (with checkboxes for various body systems like heart, lungs, abdomen, etc.), 'Vital Signs' (with fields for temperature, pulse, blood pressure, etc.), 'Diagnosis' (with checkboxes for various medical conditions), and 'Treatment' (with checkboxes for various treatments). The form is densely packed with text and checkboxes, making it difficult to read and complete.

### Electronic

- Easy to read
- Mandatory fields cannot be left blank
- High Level of Security (HIPAA)
- Information backed up on redundant servers
- Statistical information can run automatically with results in seconds
- Can be electronically shared with hospital



# History

- *November 2003, The Office of Emergency Medical Services (OEMS) participated in the state data warehouse committee.*
- *OEMS recognized a need for electronic patient care reporting.*
- *Several electronic charting companies presented.*
- *EMS Charts was selected as a pilot program as a result of a limited RFP*



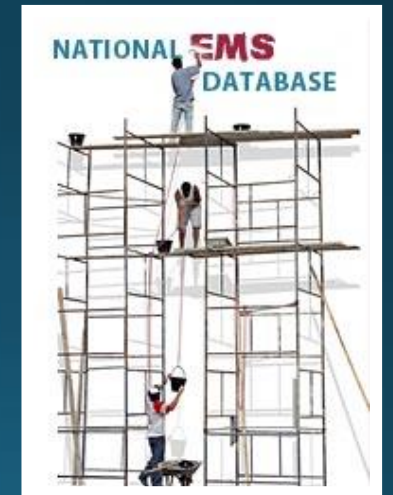


# *What is NEMSIS?*

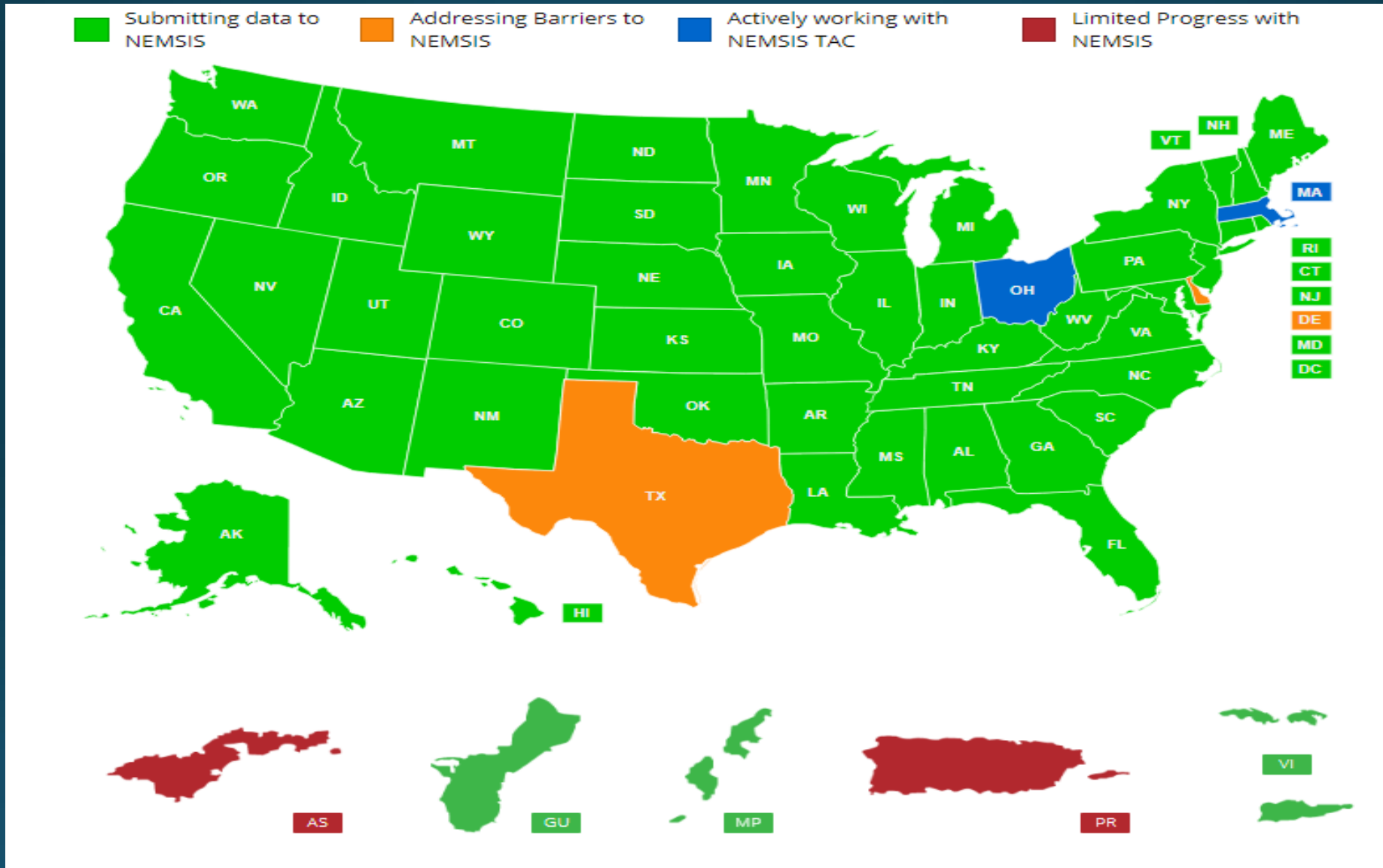
*NEMSIS is a national effort to standardize the data collected by EMS agencies.*

## *Database is Used for:*

- **Developing Nationwide EMS Training Curricula**
- **Evaluating Patient and EMS System Outcomes**
- **Facilitating Research Efforts**
- **Determining National Fee Schedules and Reimbursement Rates**
- **Addressing Resources for Disaster and Domestic Preparedness**
- **Providing Information on Issues or Areas of Need Related to EMS**
- **And much more**



# What State Submit?



# Milestones

## NHTSA/NJ Traffic Records Coordination Committee Identified



- A need for EMS Data
- NJOEMS needs an active roll in ePCR
- Data 1.2 million+ paper charts "lost"

2003

## Pilot Program Launched



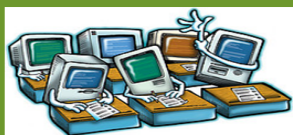
- 3 ALS Agencies participate
- Funded by NJ OHTS 408



2006

## Success!!

- 100,000+ charts entered through ePCR
- 50+ EMS agencies utilizing or registered for ePCR voluntarily



2007

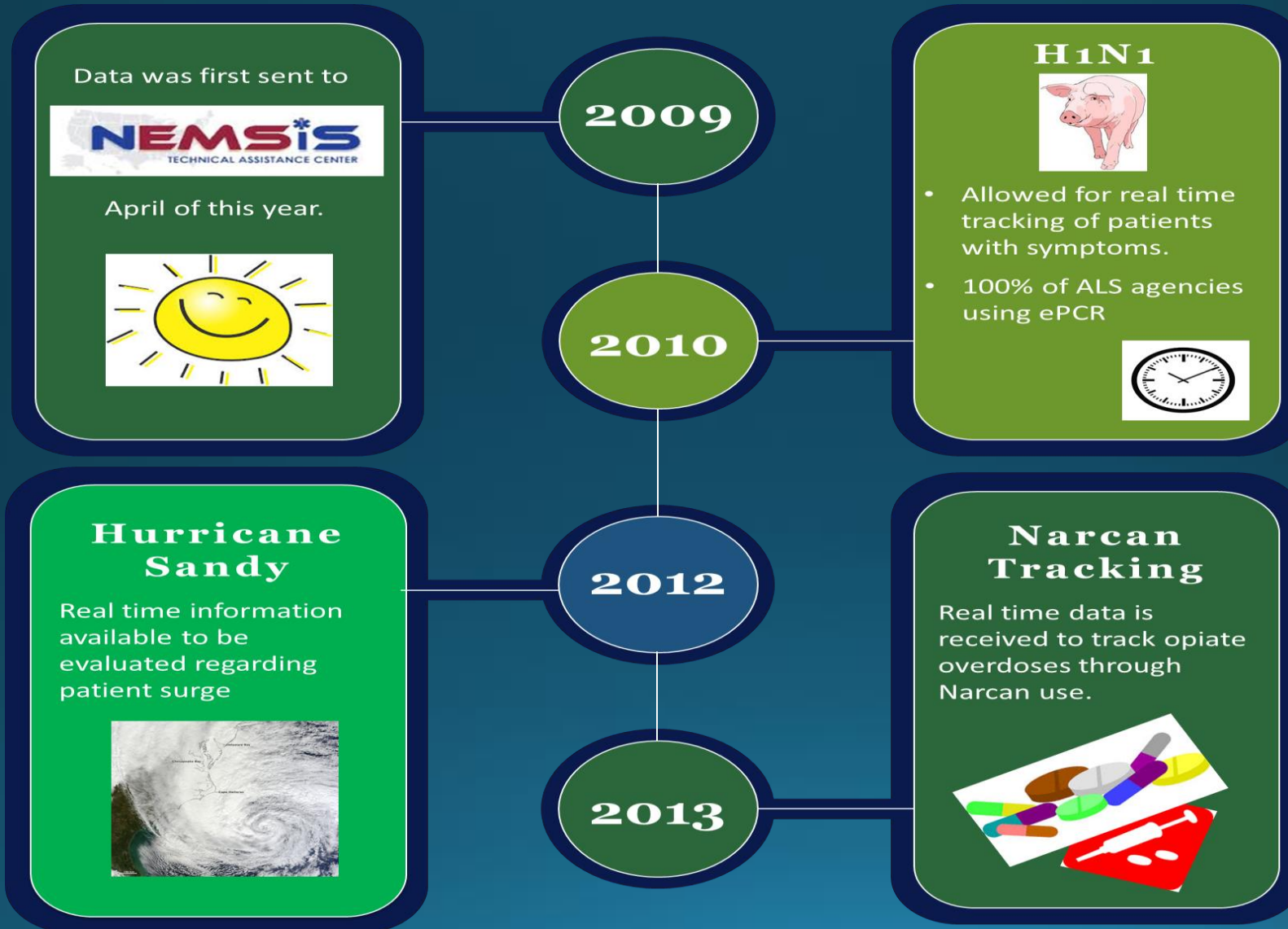
## ePCR Launched Statewide

- Continued funding by NJ OHTS 408 funds
- Pilot ended
- Available to ALL NJ EMS agencies at no cost



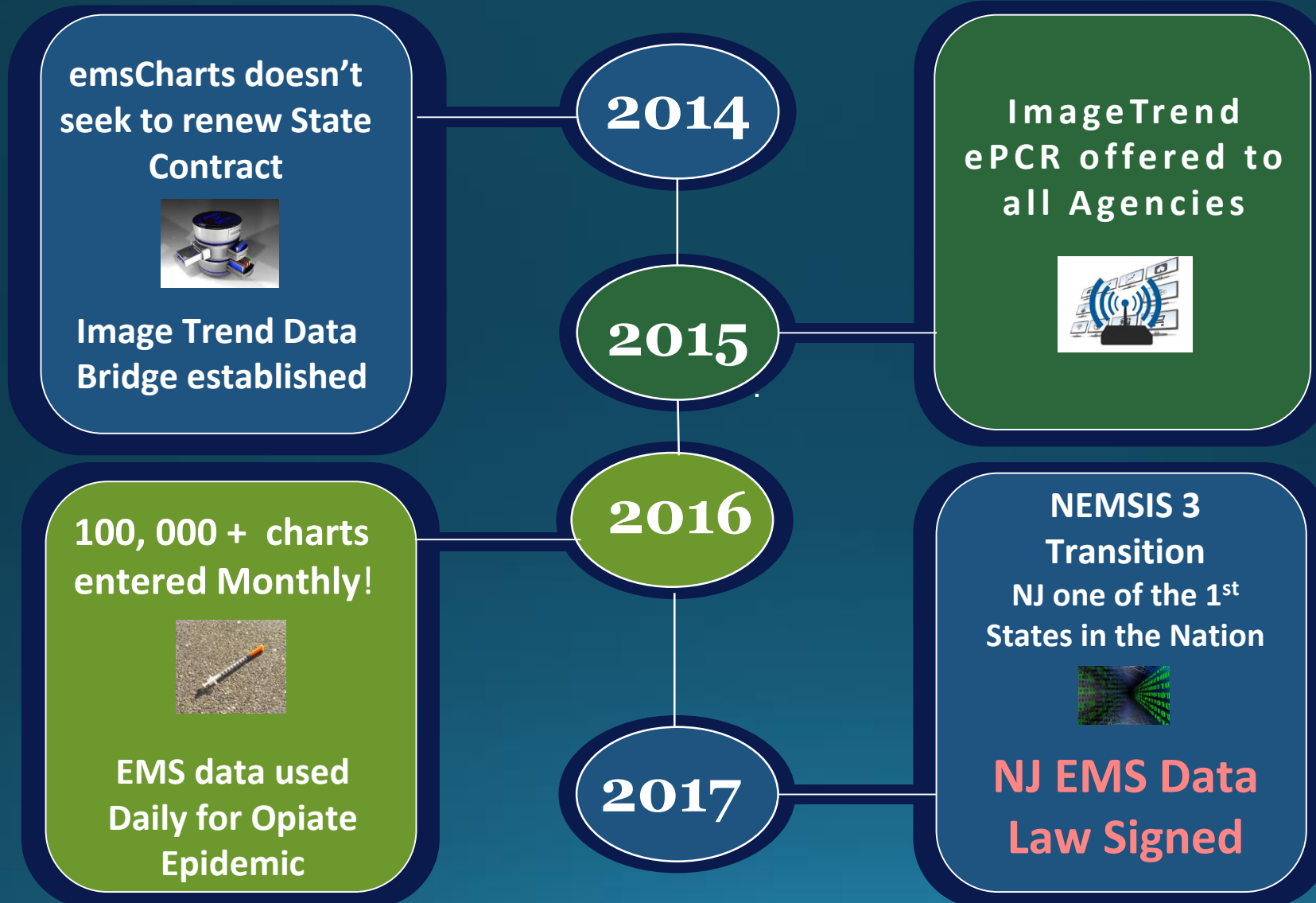
2008

# Milestones





# Milestones



# ePCR Today



- Over 300 EMS agencies Reporting
- Currently capturing >85% of the EMS Calls
- Over 1.2 million ePCRs yearly
- NJ one of only a few states offering ePCR Free
- NJ (*only known state*) offering free hardware to agencies in need

# ePCR Tomorrow



- EMS Data will continue to be used to help combat the Opiate Epidemic
- State Performance Metrics
- NJ EMS "Report Card"
- National Performance Metrics

# ePCR Myths

*"Big Brother is Watching" (OEMS looks at all of the charts)*

- **FALSE**

*EMS Agencies get charged "per page"*

- **FALSE**

*"They just want to use the data against us"*

- **FALSE**

*"ePCR is only free for a year"*

- **FALSE**

*We have to use the State Software*

- **FALSE**



***What Myths Have You Heard?***

# S-5/A-4925



- Signed into Law July 21, 2017
- N.J.S.A. 26:2K-66
- Establishes data reporting requirements for emergency medical services agencies and Dispatch Centers
- Formalizes the EMS Task Force

# S-5/A-4925



- Each emergency medical services provider shall report to the department, in the most recent National Emergency Medical Services Information System (NEMSIS) format

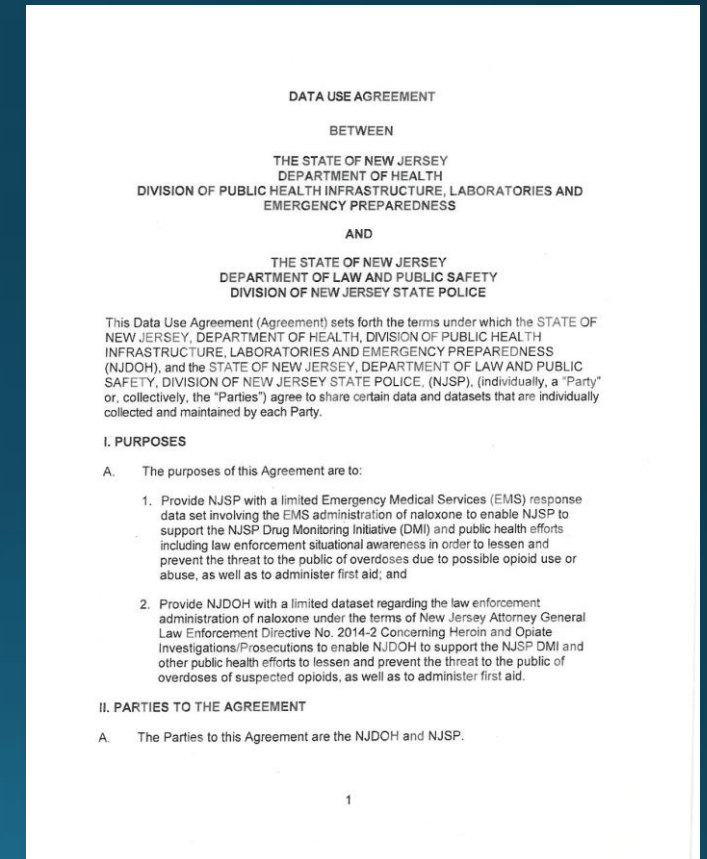
# S-5/A-4925



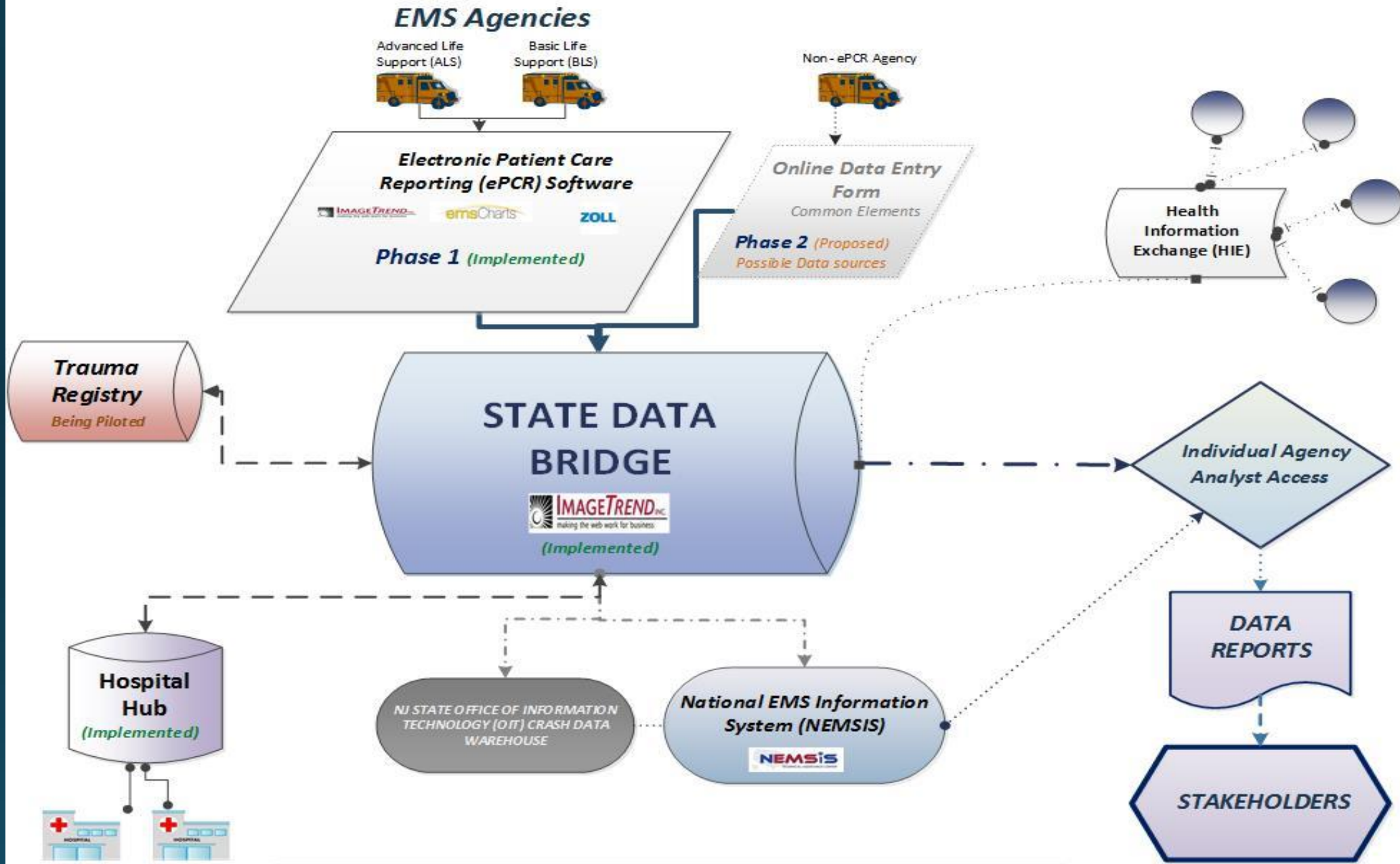
- **Emergency medical services provider"** means any association, organization, company, department, agency, service, program, unit, or other entity that provides pre-hospital emergency medical care to patients in this State, including, but not limited to, a basic life support ambulance service, a mobile intensive care unit, an air medical service, or a volunteer or non-volunteer first aid, rescue, and ambulance squad

# How Does OEMS Share Data

- Data Use Agreement (DUA)
- NJSP and NJ DOH
- Allows for Bi-directional data between Police and EMS
  - Over 300 agencies (using 12 ePCR Systems)
  - Over 550 Police Departments (paper)
- Defined data elements
- Data Shared on a daily basis
- Multiple Data can be integrated into the Repository.

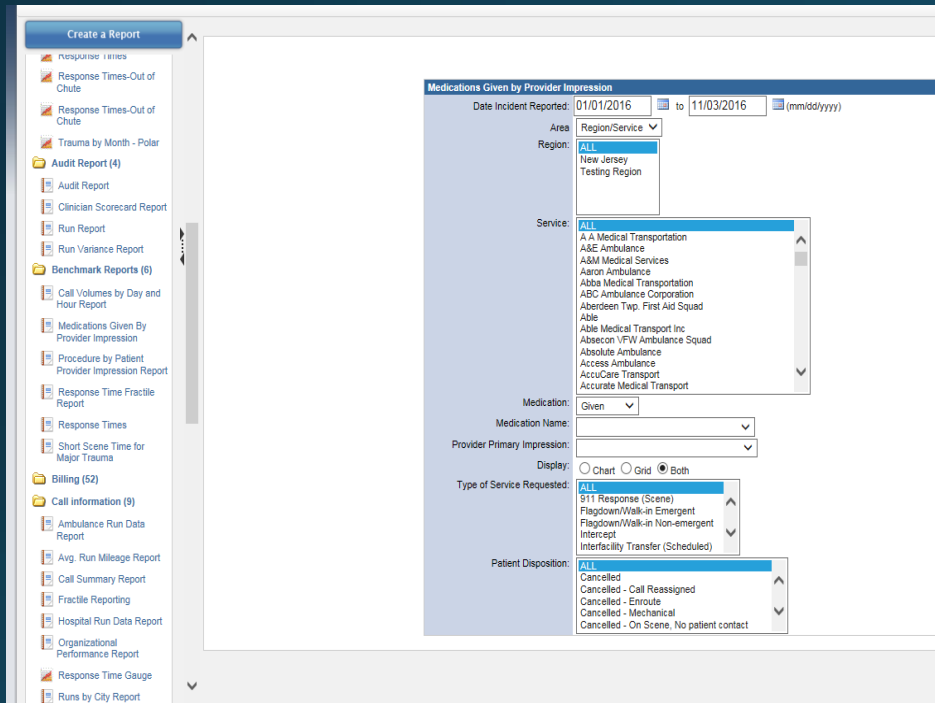






# NJ EMS Data Flow

# Reporting



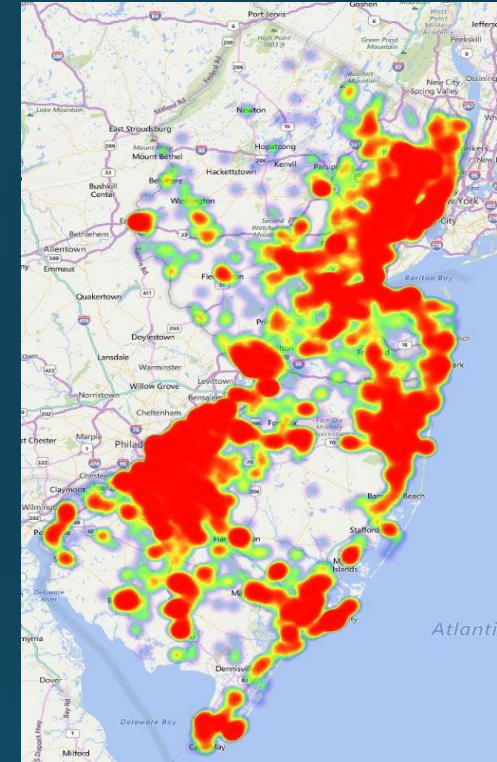
Heat Mapping

Dashboard Display

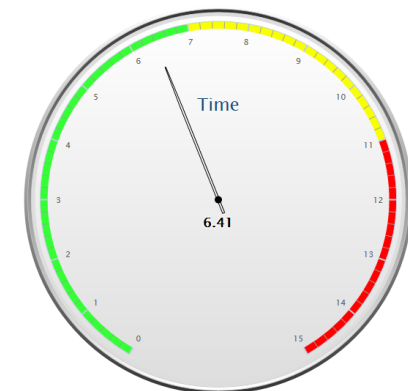
Scheduled Reporting

Ad-Hoc Reporting

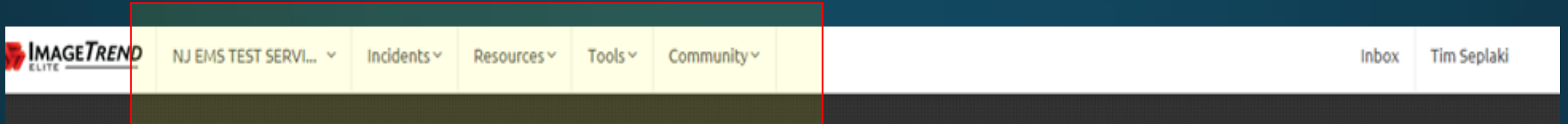
Data (NISE) XML Export



911, Lights and Siren Response Times



# ImageTrend Elite - State ePCR



## Announcements

### Site Updated

The first release in July 2017 includes (see Help/University for the full list):

- The Level of Care of this Unit (eResponse.15) and Primary Role of this Unit (eResponse.07) as new fields on the vehicle setup page, which also auto-populates the corresponding fields on incidents.
- The Columns for Display option reduces whitespace for signatures on print reports and CQI forms.
- Fire specific worksheets, which you can add to fire incidents.

### Better Searching with Go Button

- Click the Go button to begin searching after entering search terms and selecting filters.
- Use the Go button on incident, CQI, Validation and Visibility lists and on all Resource module list pages.

# ImageTrend Elite - State ePCR

- Register via the NJ EMS website - Under “EMS Toolbox”
- Registrant will be the Main Administrator and POC
  - Must be authorized to sign on agency’s behalf
- Agencies Must Complete the Business Associate Agreement (BAA)
- Agencies may add additional administrators
- Agencies control their own user access
- State only controls initial account/admin access
- Step-by- Step Instructions on the web

The screenshot displays the 'Emergency Medical Services' website. The top navigation bar includes links for Home, Education, Safety and Special Services, Regulation and Enforcement, EMS for Children, EMS Toolbox, EMS Task Force, and Back to PHILEP Home. The main content area is titled 'EMS Toolbox' and provides information about the 'EMS Toolbox' as a one-stop web resource. It features sections for 'Practitioner Orders for Life-Sustaining Treatment (POLST)', 'Electronic Patient Care Reporting', and 'Naloxone Medication Administration Report'. The 'Electronic Patient Care Reporting' section lists several links for registration, instructions, and BAA forms. The 'Naloxone Medication Administration Report' section includes instructions on how to use the form and a note about the submit button.

Emergency Medical Services

Home Education Safety and Special Services Regulation and Enforcement EMS for Children EMS Toolbox EMS Task Force Back to PHILEP Home

Home EMS Toolbox

### EMS Toolbox

EMS Toolbox is a one-stop web resource for the EMS community for required reporting, registration forms and information.

#### Practitioner Orders for Life-Sustaining Treatment (POLST)

Governor Christie signed legislation in 2011 that enabled patients to indicate their preferences regarding life-sustaining treatment through the Practitioner Orders for Life Sustaining Treatment (POLST) form. This form, signed by a patient's attending physician or advanced practice nurse, provides instructions for health care personnel to follow for a range of life-prolonging interventions. This form becomes part of a patient's medical records, following the patient from one healthcare setting to another, including hospital, nursing home or hospice.

[For more information](#)

Pursuant to P.L. 2011, c. 145, the Institute for Quality & Patient Safety Organization was designated as the Lead Agency for Physician Orders for Life-Sustaining Treatment Act.

#### Electronic Patient Care Reporting

- [Register your EMS Agency for the statewide Patient Care Reporting \(ePCR\) Program](#)
- [Image Trend Elite Instructions for NJ EMS Agencies \[pdf 553k\]](#)
- [Hospital Dashboard Quick Reference Guide \[pdf 367k\]](#)
- [NJ Electronic Patient Care Reporting \(ePCR\) Announcement \[pdf 129k\]](#)
- [EMS Agency Business Associate Agreement \(BAA\)](#)
- [How To Get Started With The NJ ePCR Program](#)

#### Report

- [Accident or unusual occurrence](#)
- [MICU ground or Air Unit Out-of-Service](#)
- [M.I.C.U. 2016 Reporting](#)
- [2017 MICU Report](#)

#### Naloxone Medication Administration Report

Use this form to report the use of BLS Naloxone (Narcan®). The form is not to be used for the use of EMS Naloxone (Narcan®). The form must be completed within 24 hours of administration of the medication. You also must complete a patient care report for each patient encounter.

Please complete the entire form and click the submit button (You are not able to click the submit button until you have completed the form and return later). You will receive a confirmation message when the form is submitted.

# ImageTrend Elite

**IMAGETREND ELITE** NJ EMS TEST SERVI... Incidents Resources Tools Community

[Help/University](#) [Blog](#)  
[Library](#) [FAQ](#)  
[UserVoice](#)  
[Support Suite](#)




**IMAGETREND UNIVERSITY** Search All Files

Contents Learn

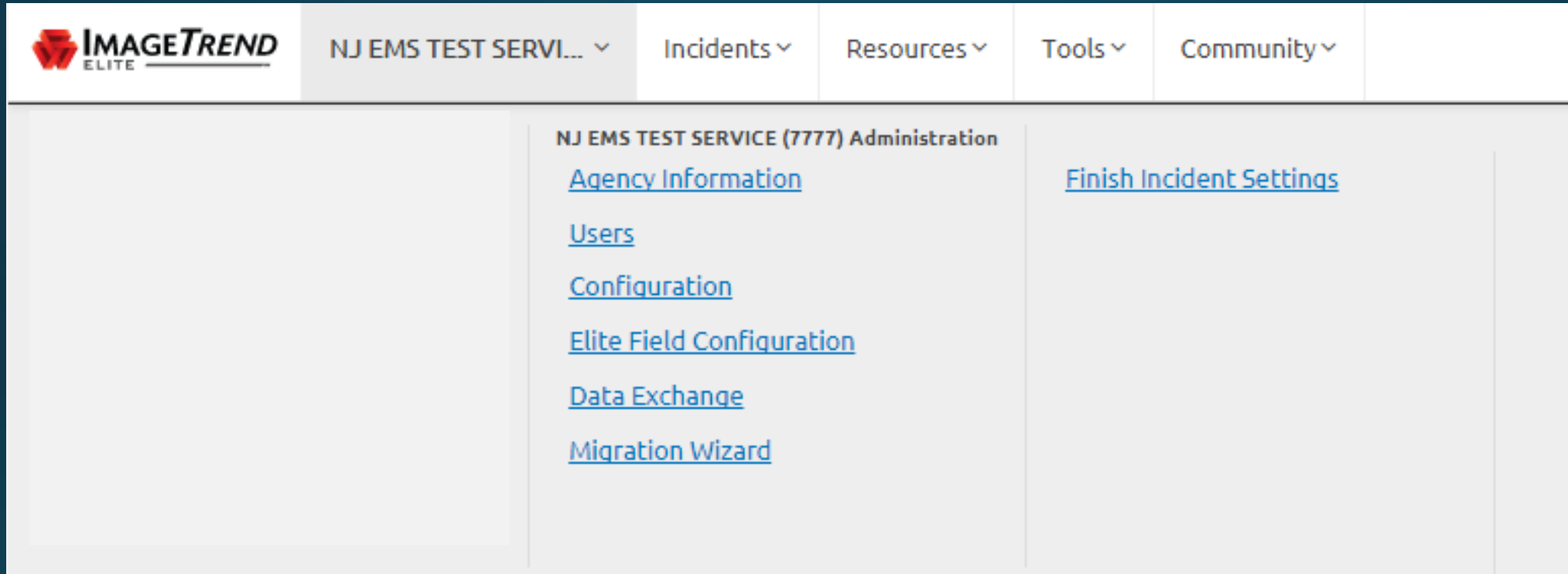
- Introduction
  - What's New in Elite
  - Module Name Cheat Sheet
  - Release Notes
  - Navigating Elite
- System / Agency Setup
- Data Exchange
- Form Templates and Tools
- Incident Settings
- Incident Lists
- Documenting Incidents
- Elite Field Configuration
- Using Elite Field
- Community Health
- CQI
- Locations, Occupants and Inspections
- Inbox
- Library
- Report Writer
- Transfers
- Your User Account
- Software Integrations
- Document Downloads
- Help and Support

## IMAGETREND UNIVERSITY: ELITE

Find Help | Updates | Guides | More

 Release Notes  User Guides  Videos

# ImageTrend Elite



The screenshot displays the top navigation bar of the ImageTrend Elite web application. The navigation bar includes the ImageTrend Elite logo on the left, followed by a dropdown menu for "NJ EMS TEST SERVI...", and other menu items: "Incidents", "Resources", "Tools", and "Community". Below the navigation bar, the main content area shows the "NJ EMS TEST SERVICE (7777) Administration" menu. This menu is divided into two columns. The left column contains links for "Agency Information", "Users", "Configuration", "Elite Field Configuration", "Data Exchange", and "Migration Wizard". The right column contains a link for "Finish Incident Settings".

**ImageTrend ELITE** NJ EMS TEST SERVI... ▾ Incidents ▾ Resources ▾ Tools ▾ Community ▾

**NJ EMS TEST SERVICE (7777) Administration**

- [Agency Information](#)
- [Users](#)
- [Configuration](#)
- [Elite Field Configuration](#)
- [Data Exchange](#)
- [Migration Wizard](#)

[Finish Incident Settings](#)

# ImageTrend Elite



NJ EMS TEST SERVI... ▾

Incidents ▾

Resources ▾

Tools ▾

Community ▾

View Existing

 [EMS](#)

 [Field Incident Cloud](#)

 [Elite Field Login](#)

 Create New EMS

 [New Jersey BLS Run Form](#)

[New Jersey BLS Run Form \(Copy\)](#)

 Switch To

[CQI](#)

Find field...

Save

Print

PDF

EKG

Messages (0)

Close

Times

CAD Info/Dispatch

Dispatch Info

Unit Info

Crew Info

Response Info

Incident Address

Response Times

On Scene

Patient Info

Patient History

Provider Actions

Patient Assessment

Transport/Destination Info

Narrative

Dispatch Info

Incident Number:

Medic Unit ID Number:



Dispatch As:



Next



Mileage



Timeline



Assessment



Vital



Procs



Meds



GCS



PQRST



IV



Med Device



Exam



All



No Patient Name Entered

23 Validation



Status:

Requires Review





# ImageTrend Support

**1-888-730-3255**  
**Support.ImageTrend.com**

20855 Kensington Blvd. Lakeville, MN 55044

[Contact Us](#) [Jobs](#) [Support](#)

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We're Here to Support You

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live help



# iPads

- Purchased through the ePCR Grant
- Agency Not currently using any ePCR system
- Agencies that have completed registration and have received an account for the State ePCR system
- Agencies that are Governmental, Non-profit, or Volunteer status



# iPads.... *Requirements*

Must complete in-person training at

- 2017 NJ FAC Convention
- 2017 NJ Statewide Conference on EMS
- Limited supply
- Agency MUST be live submitting data by January 1, 2018
- Agency MUST continue to submit data for a min of 2 years
- Authorized agency representative MUST sign Loan Agreement
- Authorized representative accepts responsibility on behalf of the agency
- Unit must be utilized for its intended use
- Unit can be audited and/ or removed from agency at any time within 2 years
- After the 2-year period, the unit becomes the property of the receiving Agency



# Nancy Orlowski, RN, MICP, FP-C

EMS Training Supervisor and Flight Paramedic  
University Hospital EMS  
Newark, NJ

- Overview of ImageTrend Elite
- Setting Up your Agency
- Entering Users
- Creating an ePCR

