

ITS-NY 33rd Annual Meeting Next Level Mobility: AI Revolution

Dean Gustafson, PE, PTOE

RFI Interview Presentation

- Develop graphic for a non-professional services contract using Competitive Negotiation and Task Orders (using MS Co-Pilot)



RFI Interview Presentation

- Develop graphic for a non-professional services contract using Competitive Negotiation. Include both Fixed Services and Optional Task Orders



RFI Interview Presentation

- Use color coding for clarity



RFI Interview Presentation

- Change background to white
- Correct spelling of Non-Professional and Competitive



RFI Interview Presentation

- Change Professionaal to Professional. Change Competitivie to Competitive.



I wasn't able to generate a response. Send a new prompt or start a new chat.



RFI Interview Presentation

- Change to Google Gemini (Kristin said too...)



RFI Interview Presentation

- Fix spelling of this graphic



Designed for Responders

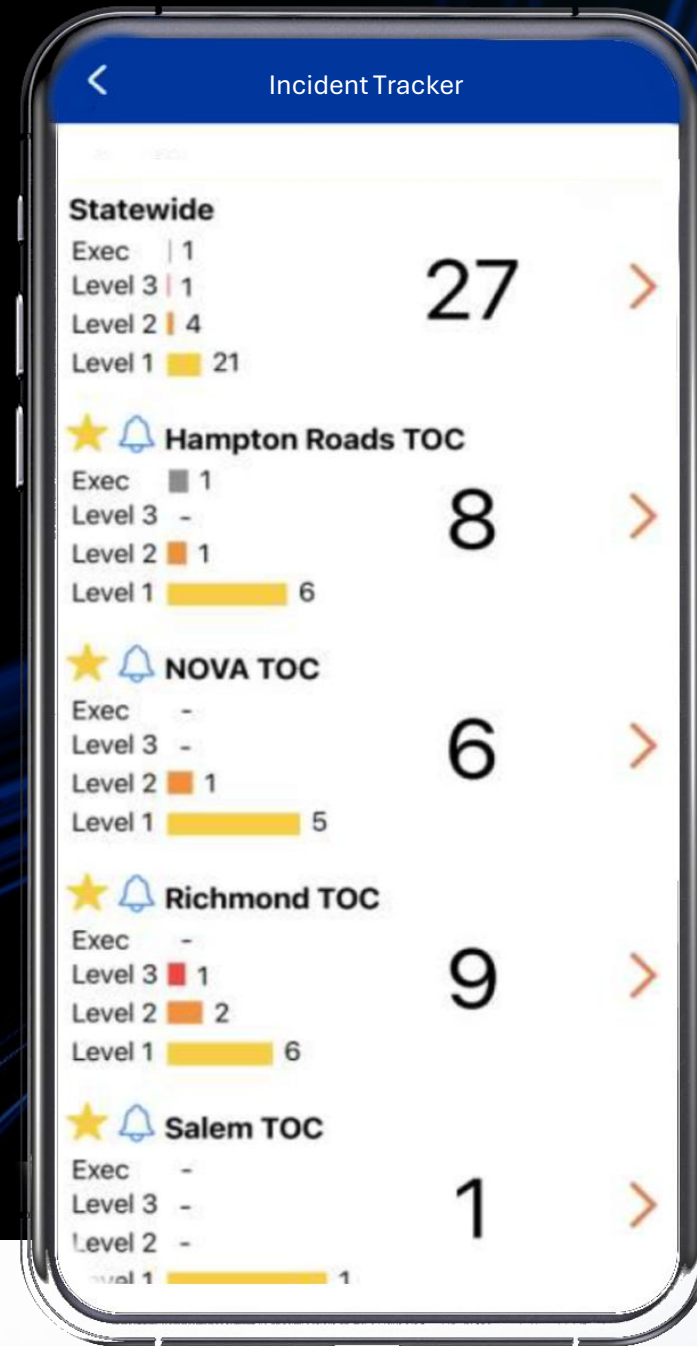
The Incident Responder App Gives You The Tools To ...

- ✓ See near-real time incident details
- ✓ No waiting for call-backs or email chains
- ✓ Spend less time gathering details
- ✓ Quickly conduct Executive Notification
- ✓ View photos, lane status and operator notes
- ✓ Better understand mitigation status
- ✓ Provide the public timely and relevant information



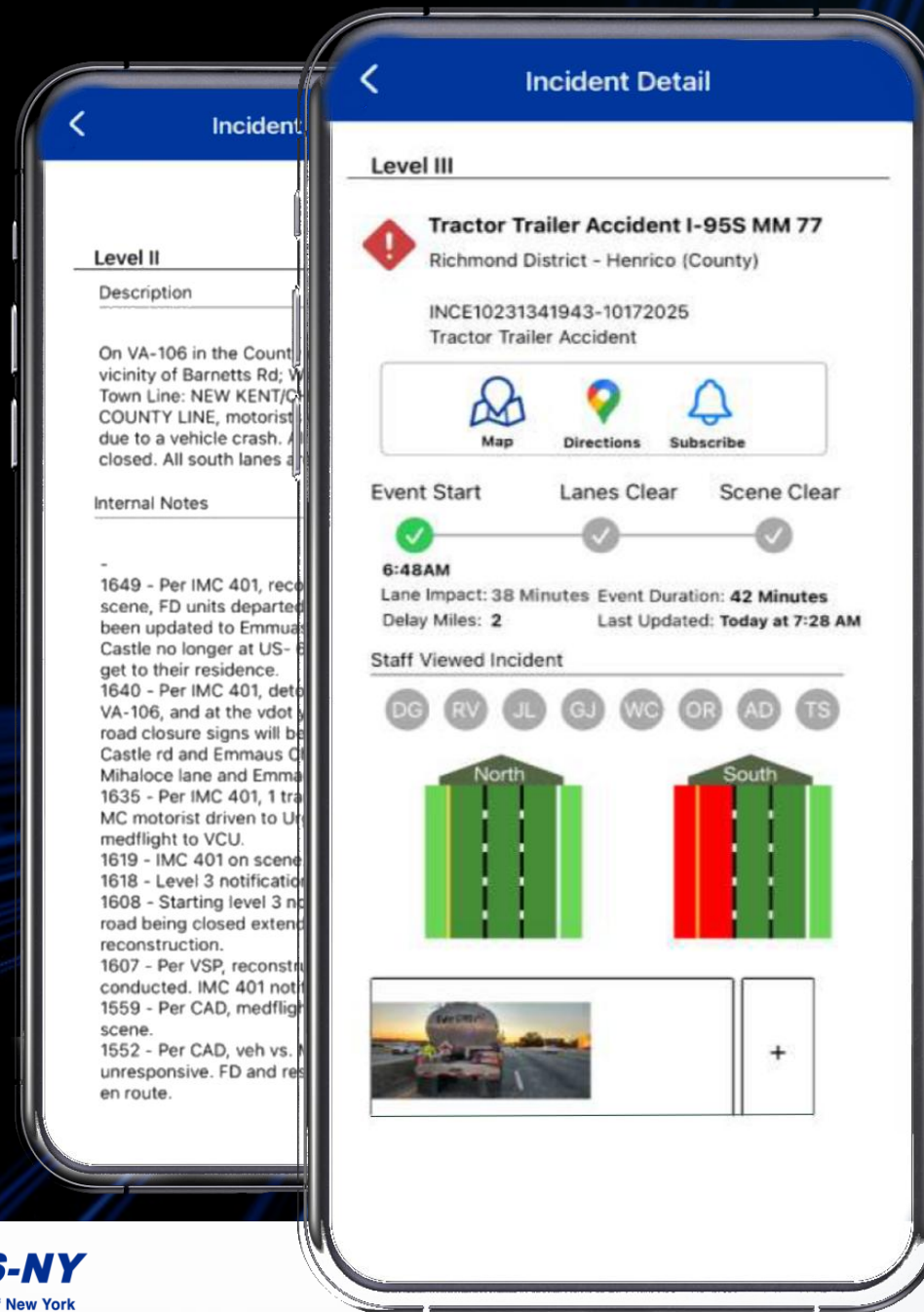
Statewide Overview

- ✓ Provides an at-a-glance overview
- ✓ Organized geographically
- ✓ Organized by Severity
- ✓ Set notifications



Incident Details

- ✓ Find incident location on map
- ✓ Navigate to incident location
- ✓ Subscribe to individual incident
- ✓ Clearly see when lanes clear
- ✓ Color coded lane impact duration
- ✓ Know when staff viewed incident
- ✓ Clearly see lanes/shoulders impacted
- ✓ View images from camera
- ✓ Incident Severity
- ✓ See 511 message
- ✓ See all TOC operator internal notes with timeline



The Need: Easy Access to Common Operating Picture

Stakeholders

- Traffic Operations Center (TOC)
- On-Scene SMEs
- Off-Scene Support
- Safety Service Patrol
- Towing, Wreckers
- State, Local Police
- Fire, EMS
- Public Affairs



Goals

- Aid Motorists
- Assess Scene
- Manage Traffic
- Inform Public
- Clean Up Debris
- Clear Lanes
- Repair Damage
- Maintain Records

Communication & Coordination (The OLD Way ...)

Telephone



Executive Notification



TOC



Teams Chat



Portable Radio



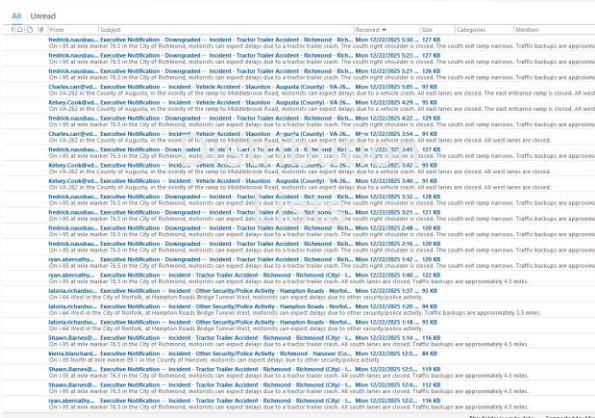
VHF Radio



Email



MDT/CAD



Why The OLD Way Was Less Effective

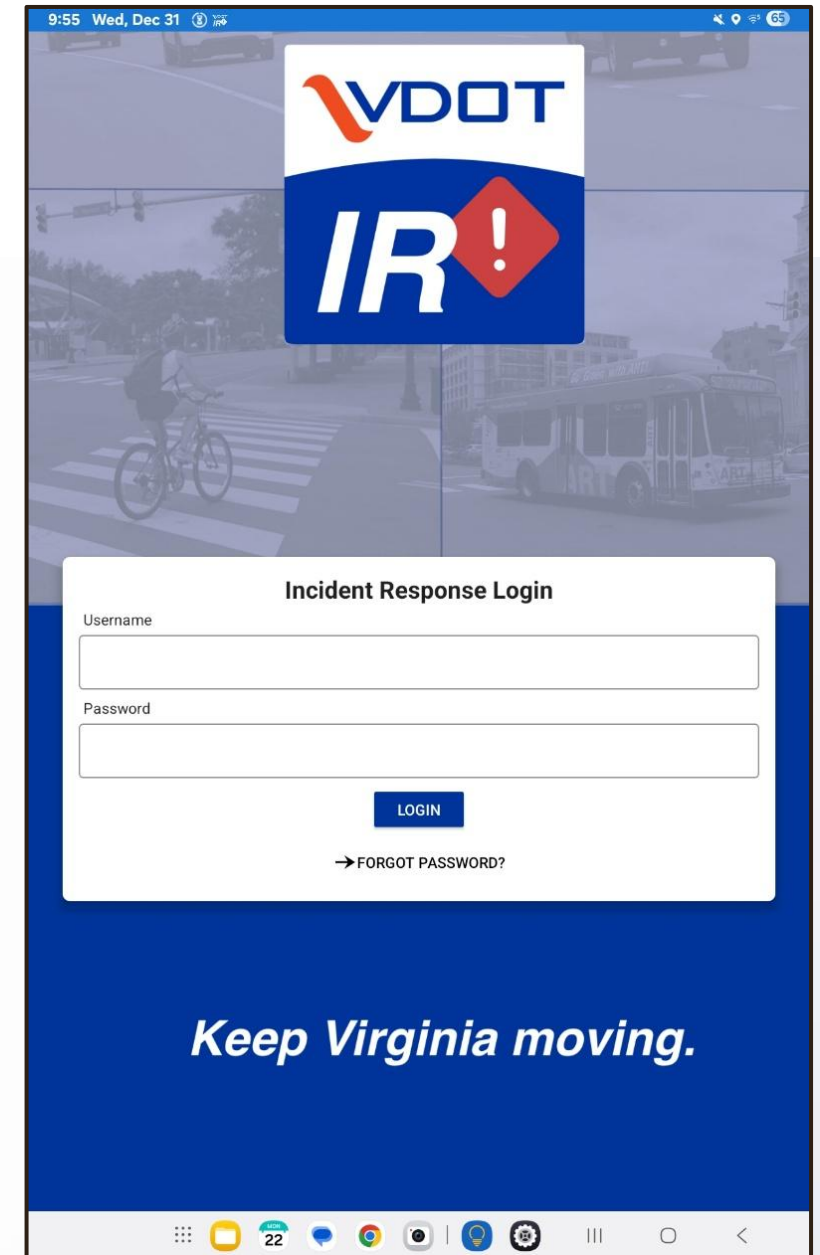
- Relied primarily on email
 - Users “tied” to computer or phone
 - Overflowing inboxes
- Multiple text threads, groups
- Stovepiped methods – no group was always up to speed
- Time spent checking ... and re-checking
- Uncertainty as to who is monitoring the incident
- Hard to track collective progress

> Inbox	5393
Drafts	[10]
Sent Items	
Deleted Items	

Our Approach to Make Access Quick and Easy

Incident Response (IR) Mobile App

- Designed for Responders
- Non-Public (Agency only)
- Smartphones, Tablets – Android and iOS
- Desktop / Website version coming



The IR App Gives You The Tools To ...

- See near-real time incident details
- No waiting for call-backs or email chains
- Spend less time gathering details
- Quickly conduct Executive Notification
- View photos, lane status and operator notes
- Better understand mitigation status
- Provide the public timely and relevant information



IR App Roadmap

- Search Historical Incidents
- Push Notification Settings
- Instant Messaging Capability
- Pain Point Notifications
- Audio Alerts
- Crossover locations
- Agencies on-scene
- Dark-Mode in IR app
- Use Face ID
- Estimated Incident Duration using AI
- Incident Towing Checklist
- Review Social Media Posts
- Performance Measures
- Ability to edit incident details
- Add external users
- Manage access to incident information to different users
- SSP/IMC location
- Streetview of incident location



PDH Questions

- What is the most important aspect when using AI to perform work?
- Name 1 benefit of the Incident Response Mobile App.
- Name 1 item on the IR App Roadmap.



Thank you.



Dean Gustafson, PE, PTOE
Vice-President
dgustafson@iteris.com
(434)242-8181