

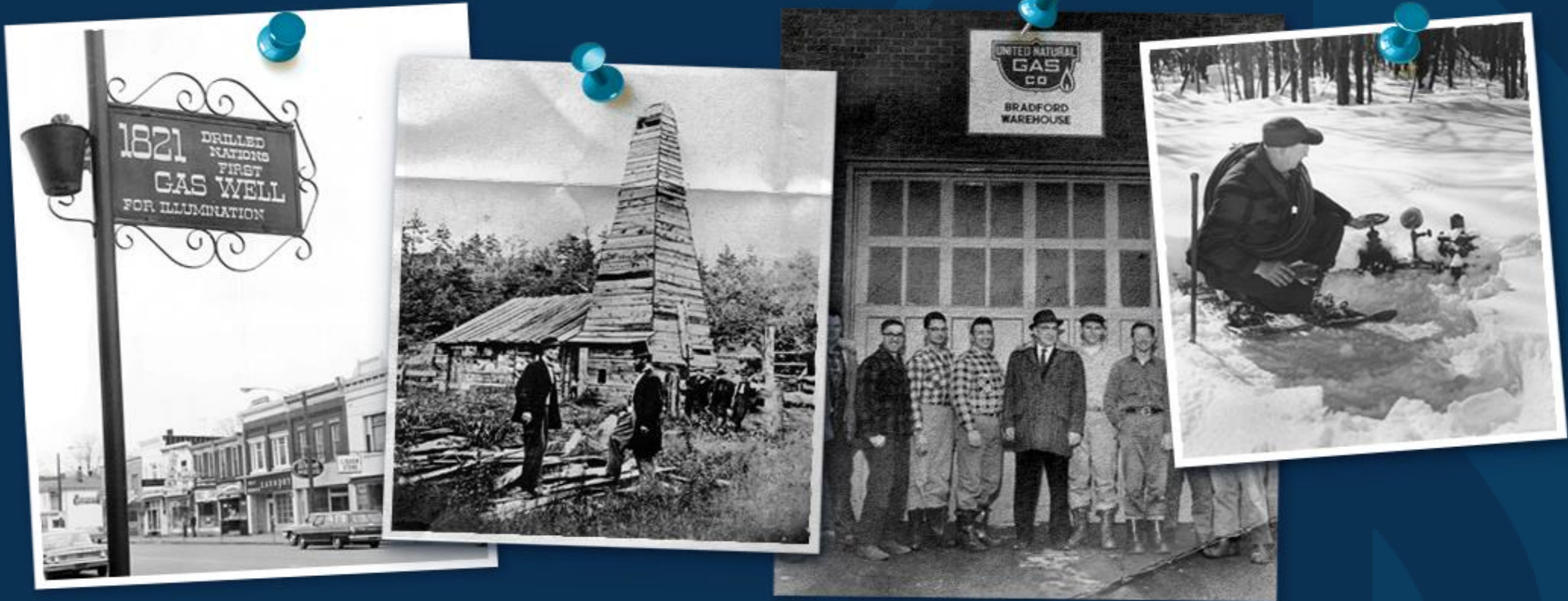


National Fuel[®]

FIELD WORKER ASSAULT PREVENTION AGA

Michael LiVecchi
Assistant Director of
Security
National Fuel Gas
Company

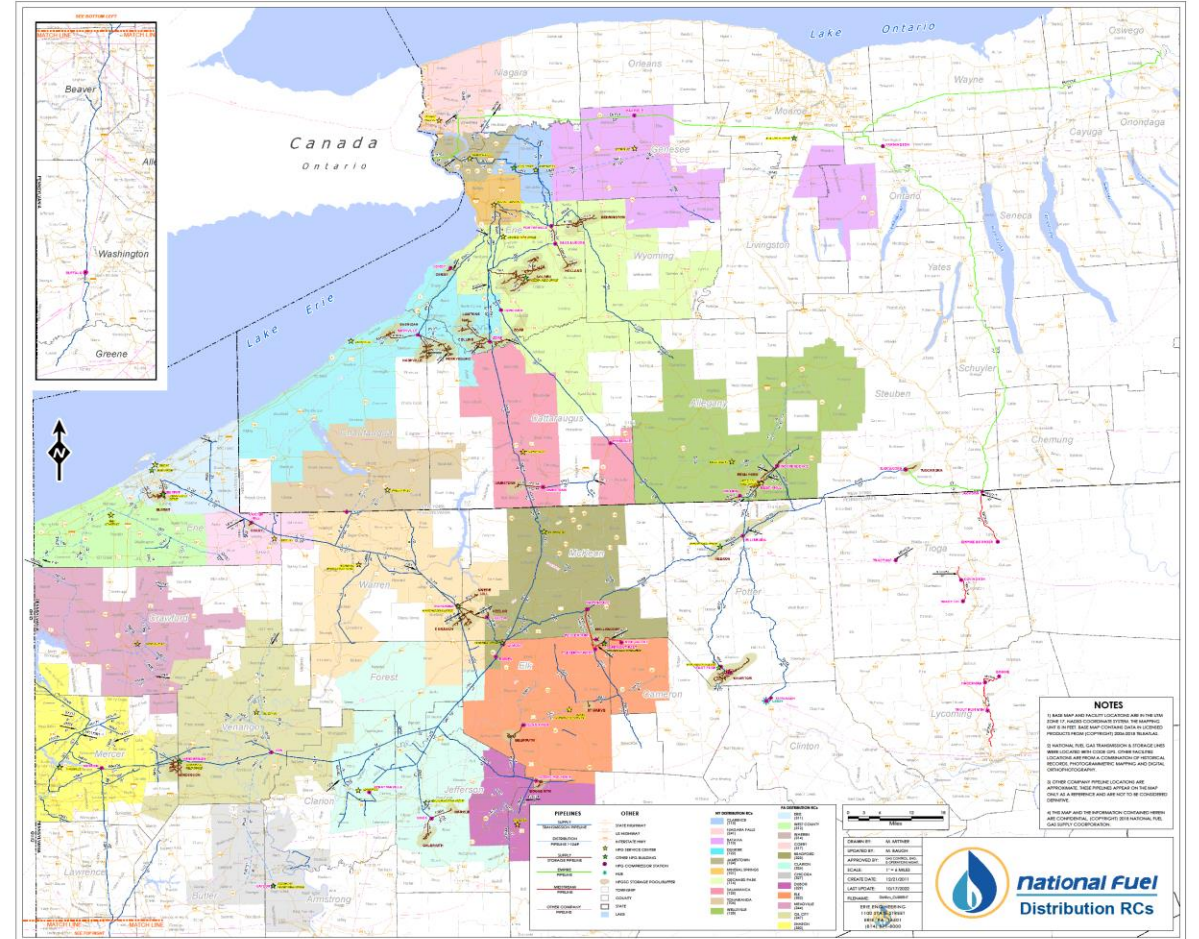
1821



Industry Origins and Company Beginnings

The nation's first natural gas well for commercial use was drilled in the village of Fredonia, N.Y., by William Hart, and was used to illuminate 100 street lights on the main street in the village.

FROM WELLHEAD TO BURNER TIP



NATIONAL FUEL GAS COMPANY 2023

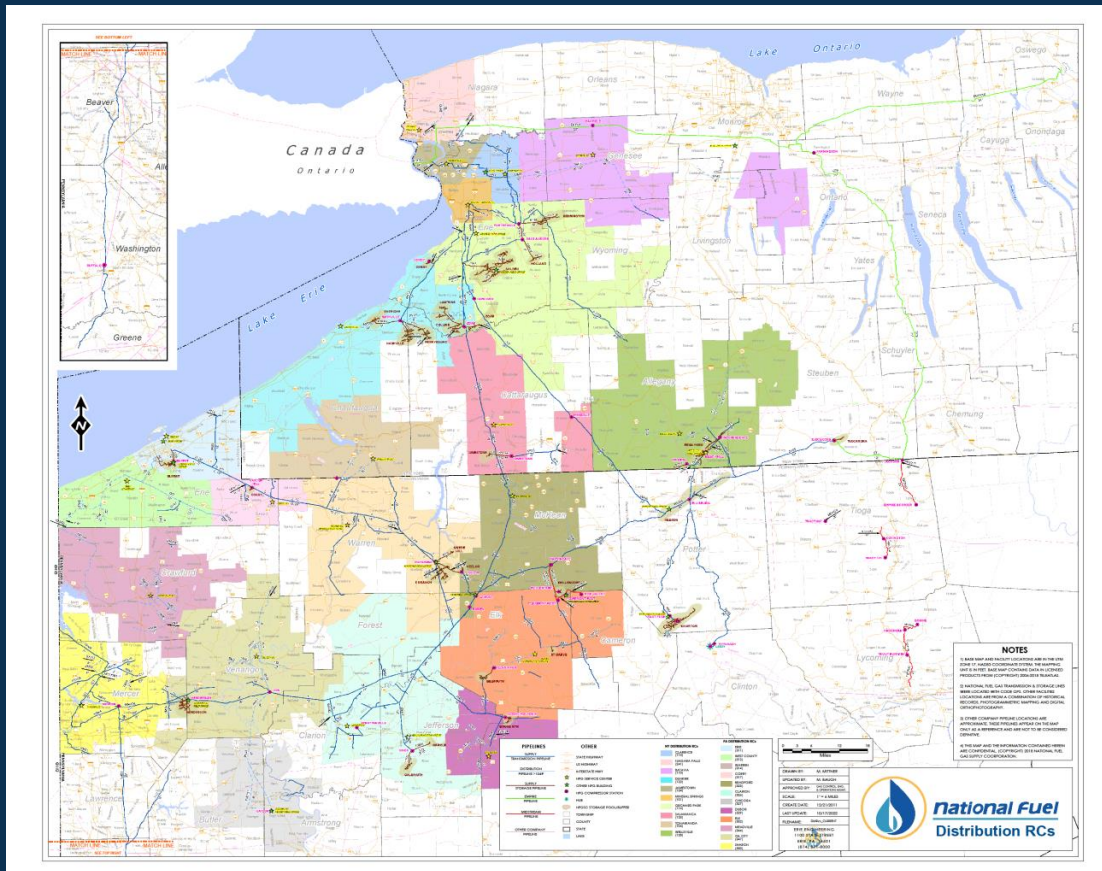
APPROXIMATELY 2,000 EMPLOYEES

DISTRIBUTION

NY **9801 miles** **540,935 services**

PA	4845 miles	213,611 services
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14,646 miles of pipe **754,546 services**



NFG SECURITY DEPARTMENT 2022

OVER 1,000 SECURITY CASES

- 5 SECURITY INVESTIGATORS
- 4 SECURITY CLERKS

NYS Penal Law ARTICLE 35.00 & PA Section 505 Title 18

35.15 Justification; use of physical force in defense of a person.

1. A person, may subject to the provisions of subdivision two, use physical force upon another person when and to the extent he or she reasonably believes such to be necessary to defend himself, herself, of a third person from what he or she reasonably believes to be the use or imminent use of unlawful physical force by such other person, unless:
 - (a). The latter's conduct was provoked by the actor with intent to cause physical injury to another person; or
 - (b). The actor was the initial aggressor; except tat in such case the use of physical force is nevertheless justifiable if the actor has withdrawn for m the encounter and effectively communicated such withdrawal to such other person but the latter persists in continuing the incident by the use or threatened imminent use of unlawful physical force; or
 - (c). The physical force involved is the product of combat by agreement not specifically authorized by law.

**NATIONAL FUEL GAS MAINTAINS A STRICT
NO FIREARMS AT WORK POLICY
FOR ALL COMPANY EMPLOYEES**



SUBJECT FIRING GUN RANDOMLY IN AIR, POINTS GUN AT METER READER, TURNS AWAY CONTINUES TO FIRE INDISCRIMINATELY INTO GROUND.

FIELD SERVICE REP ATTEMPTING A COLLECTION LOCK, IRATE CUSTOMER EXITS RESIDENCE ARMED WITH A BASEBALL BAT, PURSUES EMPLOYEE THAT FLEES PROERTY. SUBJECT ATTACKS METER SET AND TOOLS WITH THE BAT.

NFG SECURITY DEPARTMENT

ANNUAL TRAINING SESSIONS

- SITUATIONAL AWARENESS
- DE-ESCALATION
- PIPELINE SECURITY AWARENESS
- ACTIVE SHOOTER
- FIRST AMMENDMENT AUDITS

DISCRETION ADVISED POLICY FOR SECURITY CASES WAS REVAMPED IN 2023.

HUMAN RESOURCES DEPARTMENT KEEPS SECURITY DEPARTMENT APPRISED OF HIGH-LEVEL DISCIPLINARY ACTIONS. (INSIDER THREAT)



Pipeline Security and Situational Awareness

Paul A. Gustafson
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Manager
Security Department

NFG Employee Field Employee De-Escalation

Paul Gustafson
Timothy Johnston
Fred DeGolier
Buddy Urso
Michael LiVecchi
SECURITY DEPARTMENT

DATA MINING TECHNOLOGY

USE OF AI TO IDENTIFY AND RESPOND TO HIGH-IMPACT
EVENTS AND EMERGING RISKS FROM WITHIN PUBLICLY
AVAILABLE DATA.

- Security Department Pilot Began in 2022
 - absence of a S.O.C.
 - CBA “HOT ZONES” for field service workers
 - incidents, threats
 - shots fired
 - 5 investigators monitor notifications
 - relay information to appropriate parties
- Operations Department Pilot in 2023
 - deployment scheduled to begin in 2024



DATA MINING TECHNOLOGY AT NFG

- OPERATIONS EMPLOYEES IN “HOT ZONE” AREAS WILL BE ABLE TO RECEIVE NOTIFICATIONS DIRECTLY, WHILE IN THE FIELD.
- DISPATCH IS RECEIVING INCIDENT INFORMATION FROM SECURITY DEPARTMENT IN A MORE TIMELY MANNER
- SECURITY DEPARTMENT CAN PUSH NOTIFICATIONS/INFORMATION OUT TO THE NFG THREAT INTEL GROUP
- USED FOR EXECUTIVE PROTECTION
 - LOOK AHEAD AT TRAVEL DESTINATIONS
 - STAY UP ON CURRENT AFFAIRS AT TRAVEL DESTINATIONS



DATA MINING APP

10:19

Cancel Topics Save

Select the categories of alerts you wish to receive.

SET ALL ITEMS OFF

CORONAVIRUS	<input checked="" type="checkbox"/>
CONFLICTS	<input checked="" type="checkbox"/>
CRIME	<input checked="" type="checkbox"/>
THREATS	<input checked="" type="checkbox"/>
CYBERSECURITY	<input checked="" type="checkbox"/>
PUBLIC DISRUPTIONS	<input checked="" type="checkbox"/>
TRANSPORTATION & INFRASTRUCTURE	<input checked="" type="checkbox"/>
DISASTERS & WEATHER	<input checked="" type="checkbox"/>
SERVICE QUALITY & PUBLIC PERCEPTION	<input checked="" type="checkbox"/>
BUSINESS	<input checked="" type="checkbox"/>
POLITICS	<input checked="" type="checkbox"/>
COMMUNITY & CULTURE	<input checked="" type="checkbox"/>

10:20

Cancel Topics Save

Select the categories of alerts you wish to receive.

SET ALL ITEMS ON

CRIME	<input type="checkbox"/>
Arrests	<input type="checkbox"/>
Arson	<input type="checkbox"/>
Assaults	<input type="checkbox"/>
Bomb Threats	<input type="checkbox"/>
Cargo Theft	<input type="checkbox"/>
Emergency Response	<input type="checkbox"/>
Hijackings & Hostage Situations	<input type="checkbox"/>
Kidnappings	<input type="checkbox"/>
Legal Action	<input type="checkbox"/>
Lockdowns & Evacuations	<input type="checkbox"/>
Narcotics	<input type="checkbox"/>
Robberies	<input type="checkbox"/>
Shootings	<input type="checkbox"/>

10:20

Cancel Topics Save

Select the categories of alerts you wish to receive.

SET ALL ITEMS ON

CYBERSECURITY	<input type="checkbox"/>
Crime & Malicious Activity	<input type="checkbox"/>
Policy	<input type="checkbox"/>
Threats & Vulnerabilities	<input type="checkbox"/>
EXTREMIST PUBLIC MESSAGING	<input type="checkbox"/>
GOVERNMENT, POLICY & POLITICAL AFFAIRS	<input type="checkbox"/>
Immigration Policy	<input type="checkbox"/>
International Politics	<input type="checkbox"/>
Regulation	<input type="checkbox"/>
Social Issues	<input type="checkbox"/>
U.S. Politics	<input type="checkbox"/>
HAZARDS	<input type="checkbox"/>
Building Collapses	<input type="checkbox"/>
Explosions	<input type="checkbox"/>
Hazardous Materials	<input type="checkbox"/>

10:20

Cancel Topics Save

Select the categories of alerts you wish to receive.

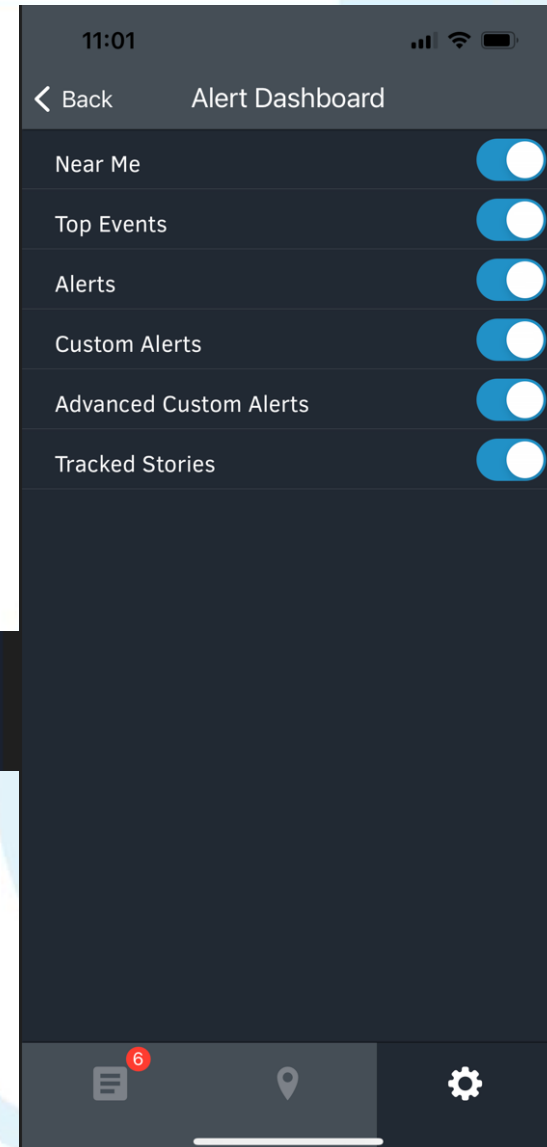
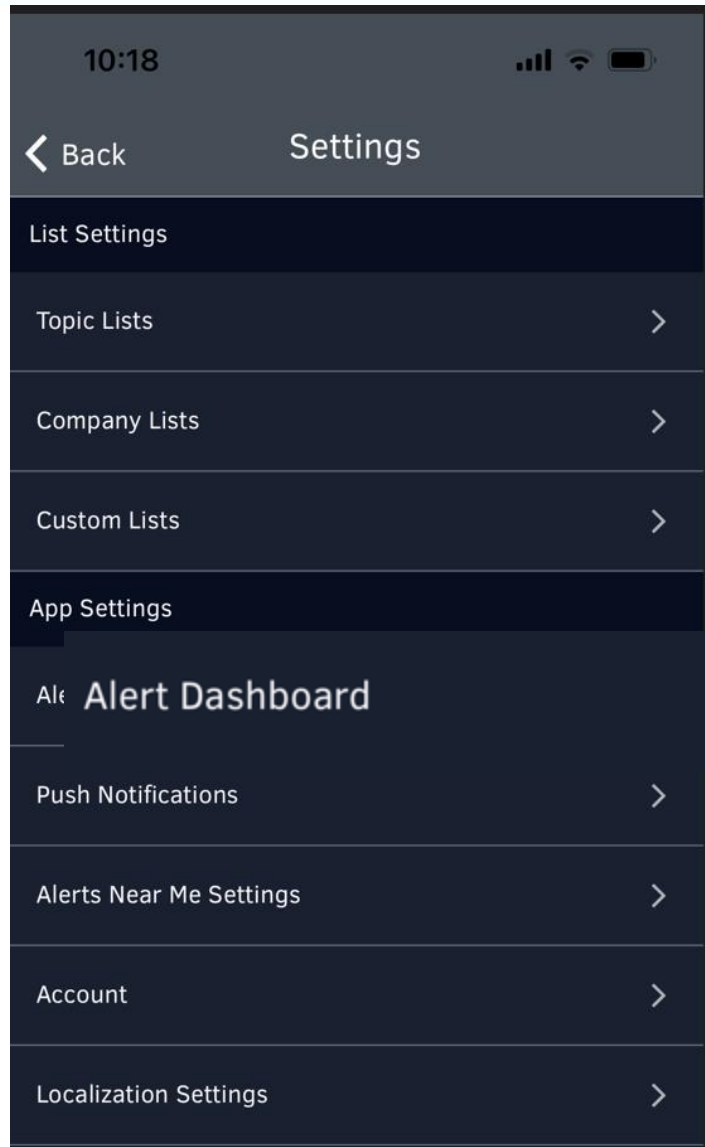
SET ALL ITEMS ON

HAZARDS	<input type="checkbox"/>
Building Collapses	<input type="checkbox"/>
Explosions	<input type="checkbox"/>
Hazardous Materials	<input type="checkbox"/>
Structure Fires	<input type="checkbox"/>
Uncategorized Hazards	<input type="checkbox"/>
INFRASTRUCTURE SECURITY	<input type="checkbox"/>
Airports	<input type="checkbox"/>
Banks	<input type="checkbox"/>
Convention Centers	<input type="checkbox"/>
Data Centers	<input type="checkbox"/>
Factories	<input type="checkbox"/>
Government Buildings	<input type="checkbox"/>
Hospitals	<input type="checkbox"/>

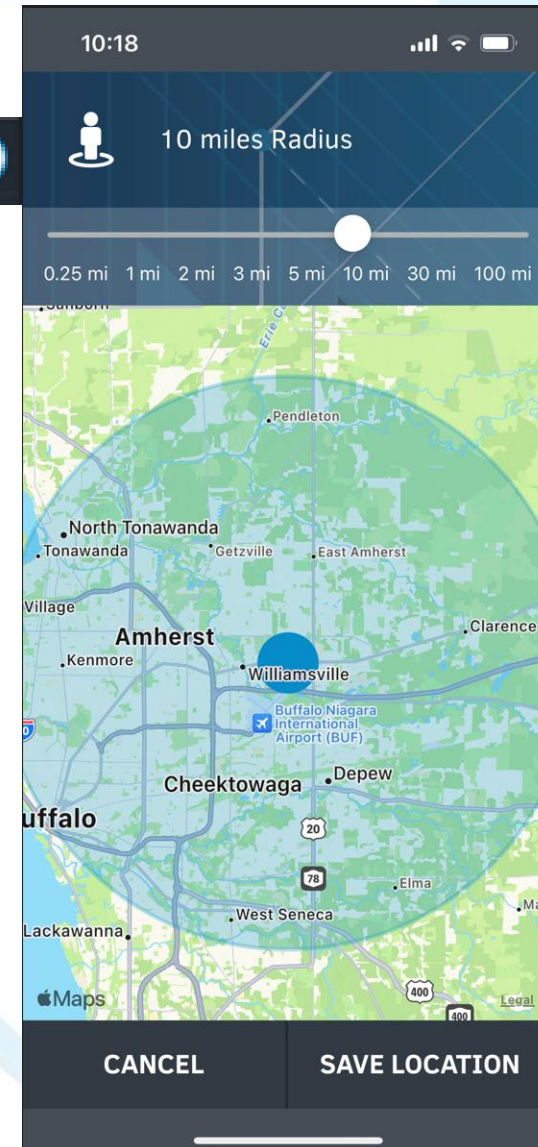
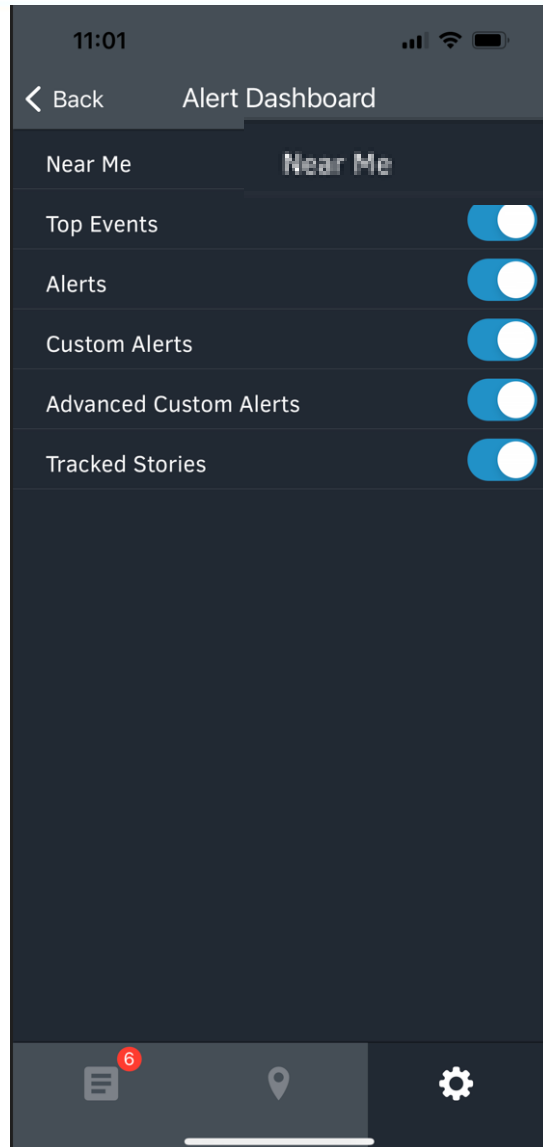


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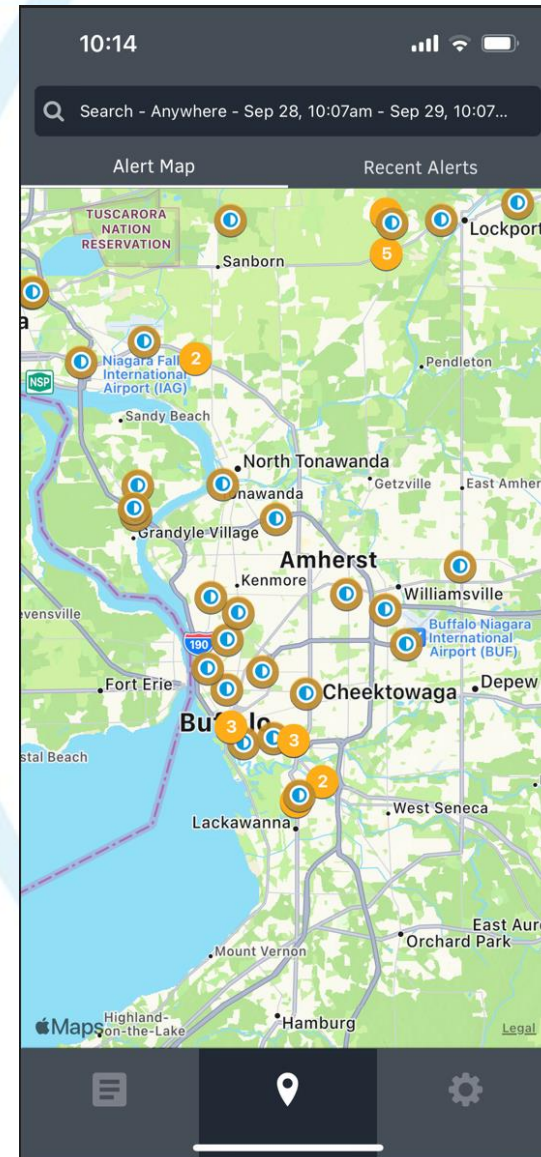
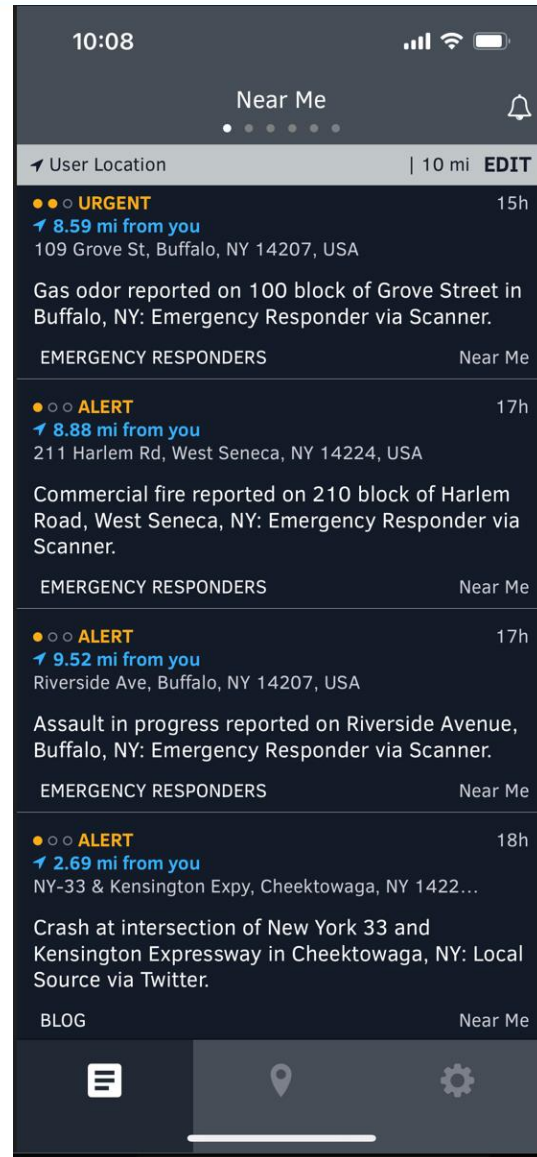
DATA MINING APP



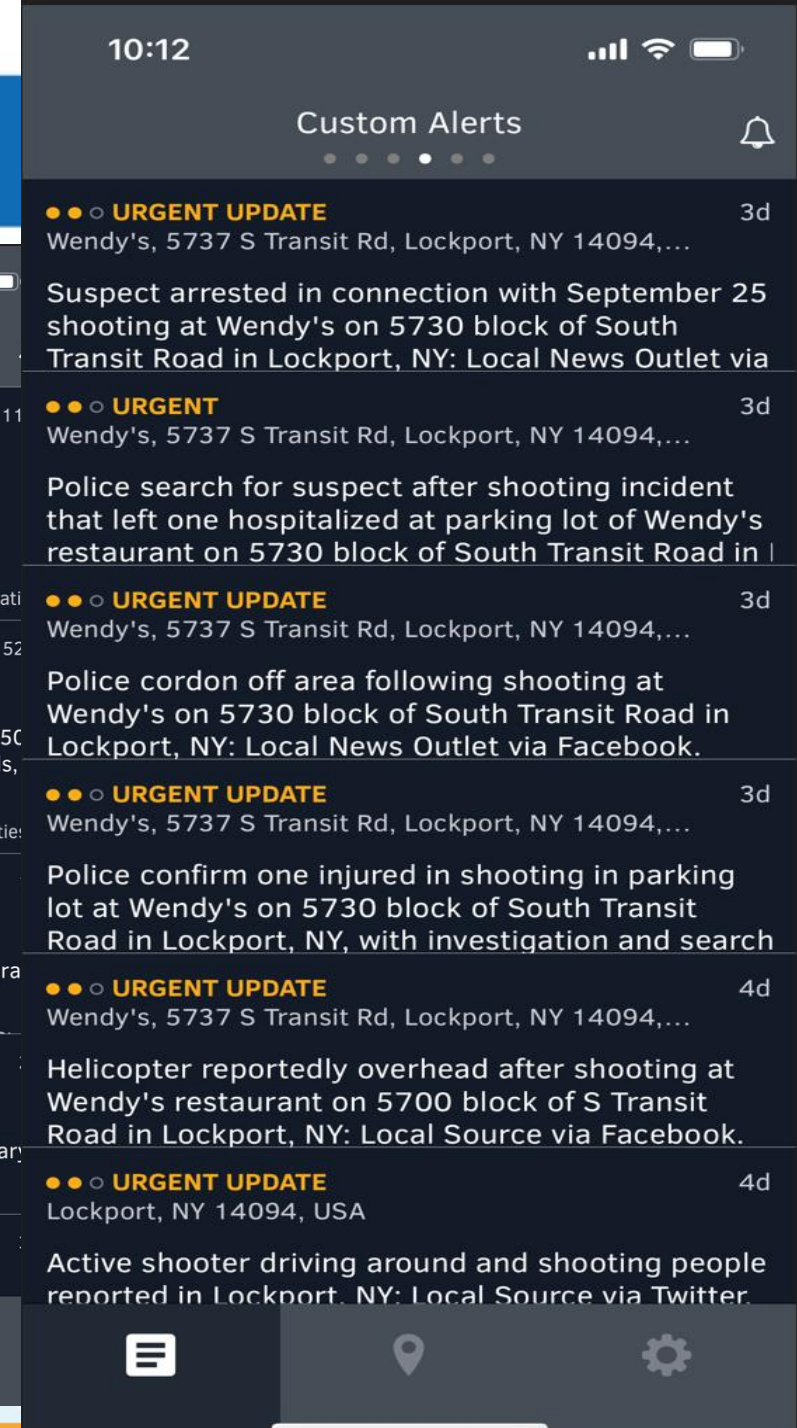
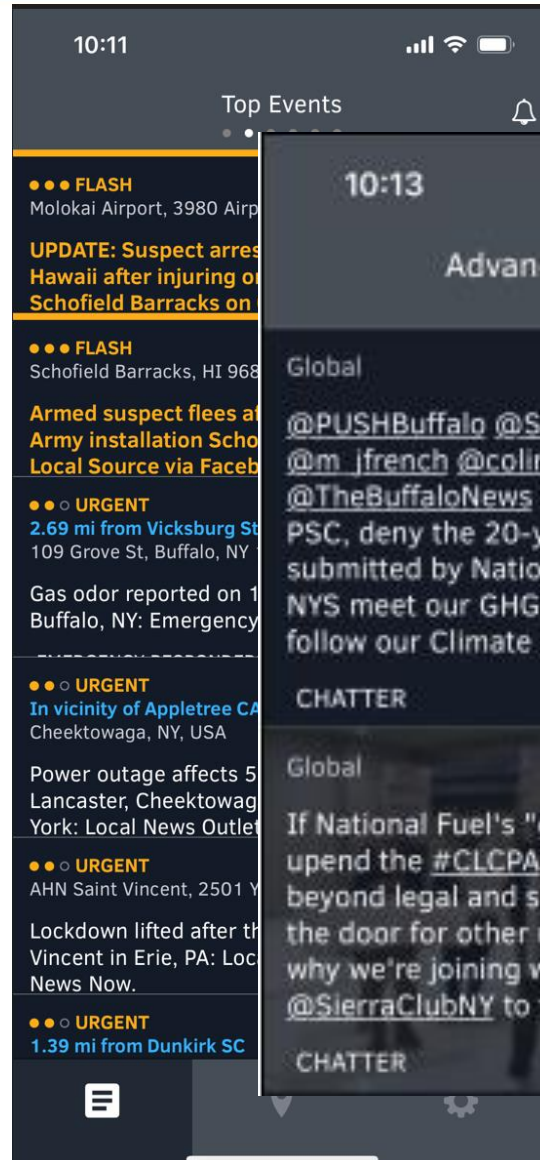
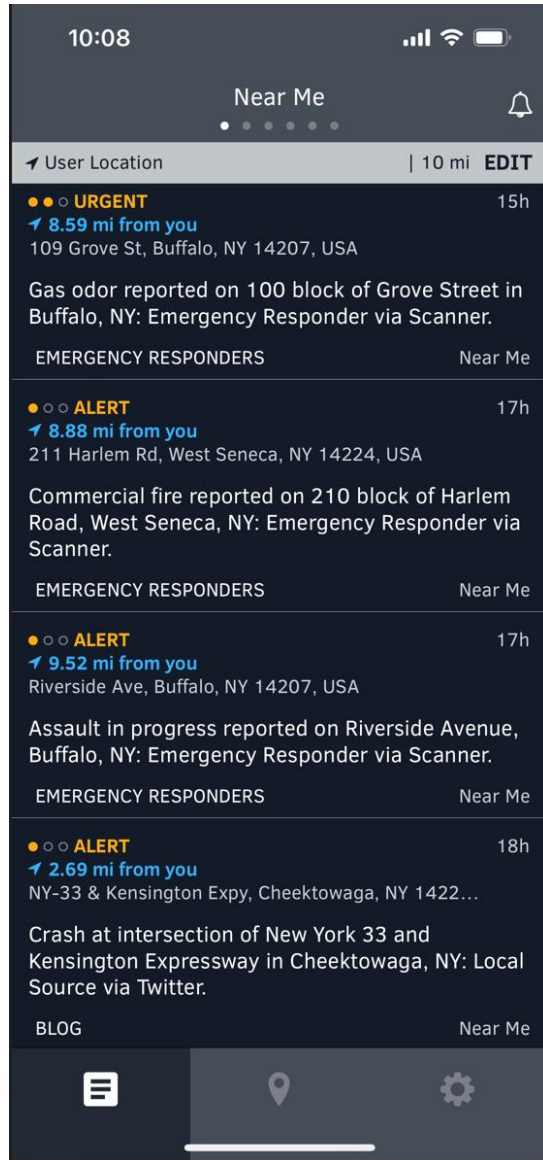
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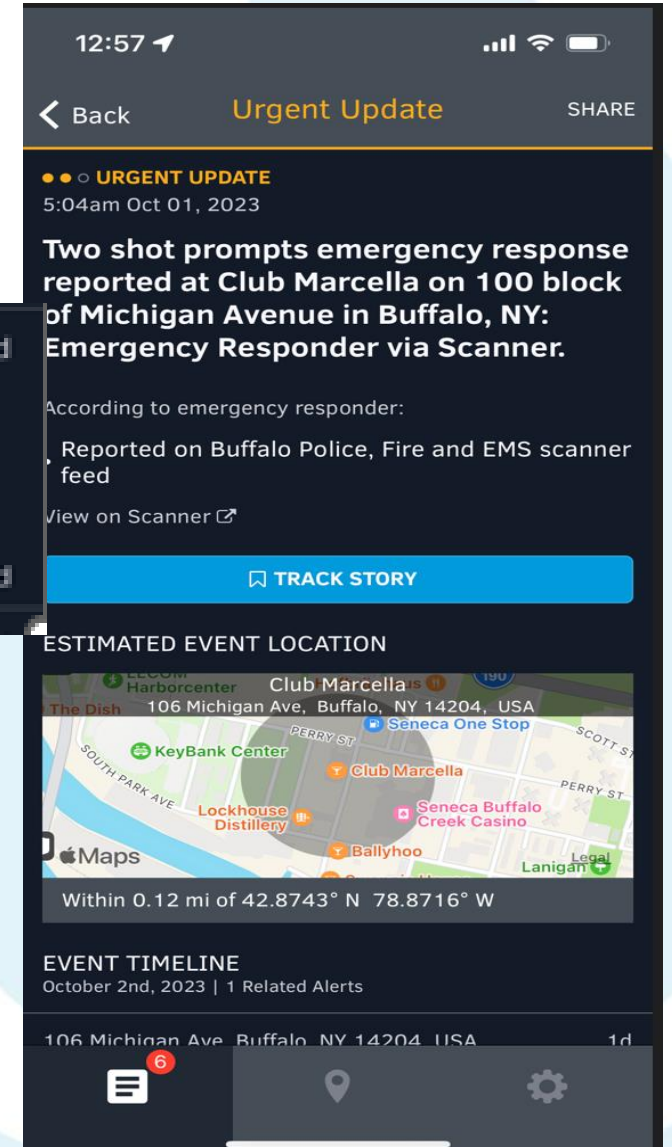
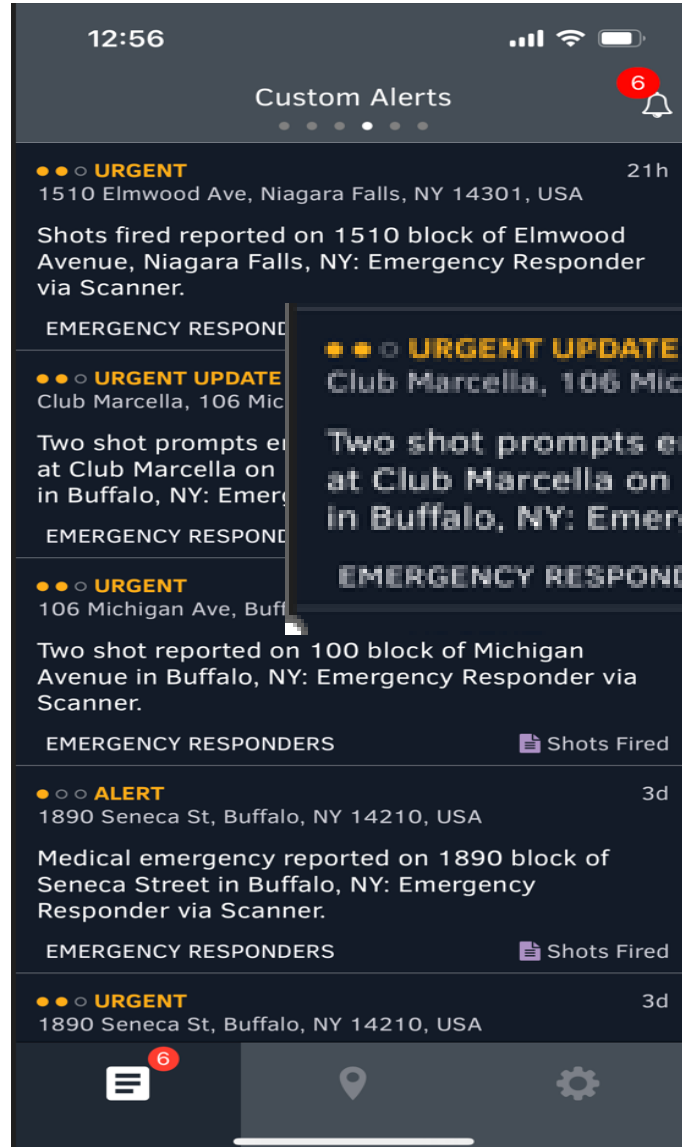
DATA MINING APP



DATA MINING APP



DATA MINING APP



What's in the Pipeline

- WORKING ON INFORMATION GOING DIRECTLY TO FIELD WORKERS TABLET AND CELL PHONE
- WORKING WITH VENDOR ON REVERSE NOTIFICATION
- WORKING WITH VENDOR ON “MAN DOWN” CAPABILITY

VENDOR RECENTLY PARTNERED WITH ANOTHER DATA MINING COMPANY TO IMPROVE THEIR CAPABILITIES

Questions

Michael LiVecchi

Assistant Director

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