

PRESENTATION FOR NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS



**North Central Texas
Council of Governments**

NAVJOY
Trusted Navigators in Innovation & Technology



WHO WE ARE



COLORADO
Department of Transportation

**Founded in
2003**



OPS CHALLENGES PUBLIC SECTOR AGENCIES FACE

1. Data Silos

- Bigger the agency, the more silos

2. Internal Business Processes Not Addressed

- Good systems to address technical problems
- Internal business processes are fragmented at best

3. Passive Collaboration Across Departments & Agencies

- Meetings/workshops/emails/files/historical/planning
- Minimal real-time collaboration with transportation agencies
- Minimal real-time collaboration with Public Safety agencies

Anytime, a public sector agency(s) attempted to solve one or more of the above,

BIG DOLLAR FIGURE & NO GUARENTEE OF SUCCESS



WHAT WE DID ABOUT IT

Low Code Platform with ability to develop use cases 2 weeks to 3 months

Existing Use Cases

- Any type of asset inventories & assessments across agency boundaries
- Temporary speed reduction process digitization across agency boundaries
- Workzone data (WZDx) across agency boundaries
- Signal, camera, & detection operations data across boundaries
- Any Police, Fire, Homeland Security & Emergency Management assets & inventory management across agency boundaries
- Integrations with Google, Waze, ATMS, IoT devices and more

REMOVES DATA SILOS, DIGITIZES INTERNAL BUSINESS PROCESSES & CONNECTS AGENCY AND DEPARTMENTAL CLOUDS TO INCREASE COLLABORATION

LOW DOLLAR FIGURE & GUARENTEED SUCCESS

AGILE ON-DEMAND PLATFORM

Business Agility

Platform



Products Portfolio

- Asset Management
- Workzone Management
- Traffic Incident Management
- Emergency Management
- Situational Awareness
- Planning Data Management
- Connected Clouds Management
- ...



Planning & Operations

- Workzone Data
- Crash Data
- Incident Data
- GTFS Data
- AVL Data
- Traffic Counts
- API Integrations
- Budget Forecasting
- Digitized Business Processes
- Digitized Plans
- Digitized Studies
- Stakeholders Engagement
- Training
- Replacement Cycles
- Prioritization
- ...



Business Tools

- Geofenced Notifications
- Digital Business Process & Sharing
- Requests
- Approvals
- DMS
- Active Directory
- Google
- ...
- Email & Text Notifications
- Collaborator Chat
- Scheduling
- Digital Audits
- Bar & QR Codes
- Enterprise Systems
- Waze



Assets

- Signals
- Signs
- Guardrails
- EVs
- Fleet
- Facilities
- Public Safety Assets
- ...



Platform Core & Security

- Virtual Cloud Infrastructure
- Meta Data Engine
- Data & Security
- Security Infrastructure
- Process & Workflows Engine
- Integration Infrastructure
- Machine & Data Learning Tools
- ...

Simple, Extensible and Configurable Technology Platform



OUR SELECT CLIENT LIST



CHALLENGES WITH WORKZONE DATA

Data Collection Challenges	NueGOV Solution
<ul style="list-style-type: none">• Variety of ways to collect data• Not real time• Not enough geographical coverage• Variety of stakeholders – Public and Private• Basic project contact information missing	<ul style="list-style-type: none">• Support data feeds, spreadsheet imports, manual entry and API integrations to IoT field devices & other systems• Build in automation• APP for field use• No restrictions on # of users or user types• Easy to track project contact information

CHALLENGES WITH WORKZONE DATA

Data Dissemination Challenges	NueGOV Solution
<ul style="list-style-type: none">• Hard to support other agencies especially law enforcement• Waze uses CIFS feed• Integrations with other systems	<ul style="list-style-type: none">• Email and geofenced notifications based on conditions• Supports both WZDx and CIFS• API both ways

CHALLENGES WITH WORKZONE DATA

Data Reporting Challenges	NueGOV Solution
<ul style="list-style-type: none">• Missing analytics• Missing data trails• Periodic reporting	<ul style="list-style-type: none">• Dashboards• Audits• Automated reports

NUEGOV PLATFORM

- Allows for State, Regional, and one or multi-agency licensing models
- Role based access
- Built-in automation

Be creative and we will support you

Low Cost & Quick to Implement

Supports future use cases that goes beyond workzone data

CONTACT US

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