ArcGIS for Crash Safety Management

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UC Tech Workshop
July 14th, 2011
The ArcGIS System

Complete Geospatial Platform

- Discover
- Create
- Manage
- Visualize
- Analyze
- Collaborate

Web

Mobile

Desktop

Cloud

Enterprise

Local
Safety Management Solution

- Data Collection
- Data Management
- Analysis and Planning
- Public Communication
- Performance Monitoring
- Presentations and Briefings
Briefing Room
Engineering & Planning Office
Field Mobility
**New York State Department of Motor Vehicles**

**POLICE ACCIDENT REPORT**

**MV-104A (7/01)**

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Accident Date Month</td>
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**VEHICLE 1**

<table>
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<tr>
<td>Driver Name (First Last)</td>
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**VEHICLE 2**

<table>
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<tbody>
<tr>
<td>Driver Name (First Last)</td>
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**ADDITIONAL INFORMATION**

<table>
<thead>
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<tbody>
<tr>
<td>Area of Accident</td>
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**ACCIDENT DIAGRAM**

Cost of repairs to any one vehicle will be more than $1000.

<table>
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<tbody>
<tr>
<td>Place Where Accident Occurred</td>
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</table>

**ACCIDENT DESCRIPTION/Officer's Notes**

<table>
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<tbody>
<tr>
<td>Officer's Rank</td>
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**DECLARATION**

<table>
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<tbody>
<tr>
<td>Oath</td>
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**REVIEWED BY**

<table>
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<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Name</td>
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<td>37</td>
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</table>
V1: Motor Vehicle Identification Number (VIN)

V2a: Motor Vehicle Unit Type
- Motor Vehicle in Traffic
- Parked Motor Vehicle
- Working Vehicle/Equipment

Save Crash Collection
Safety Office
The Community
Safety Management Solution

Data Collection

Data Management

Analysis and Planning

Performance Monitoring

Public Communication

Presentations and Briefings
The ArcGIS System

Complete Geospatial Platform

- Web
- Mobile
- Desktop
- Cloud
- Enterprise
- Local

• Discover
• Create
• Manage
• Visualize
• Analyze
• Collaborate
Templates

ArcGIS Explorer Online
ArcGIS.com Sharing “Make a Web App”
ArcGIS for iOS
Flex Viewer Dashboard

MMUCC Data Model
Desktop Hot Spot Analysis GP
Engine Mobile Crash Collector
Flex Viewer Analysis GP

Desktop Sliding/Spot/Strip GP
Thank You