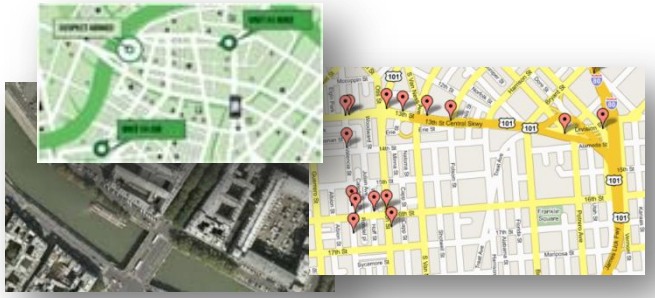
IDA

The Way for 2-Way



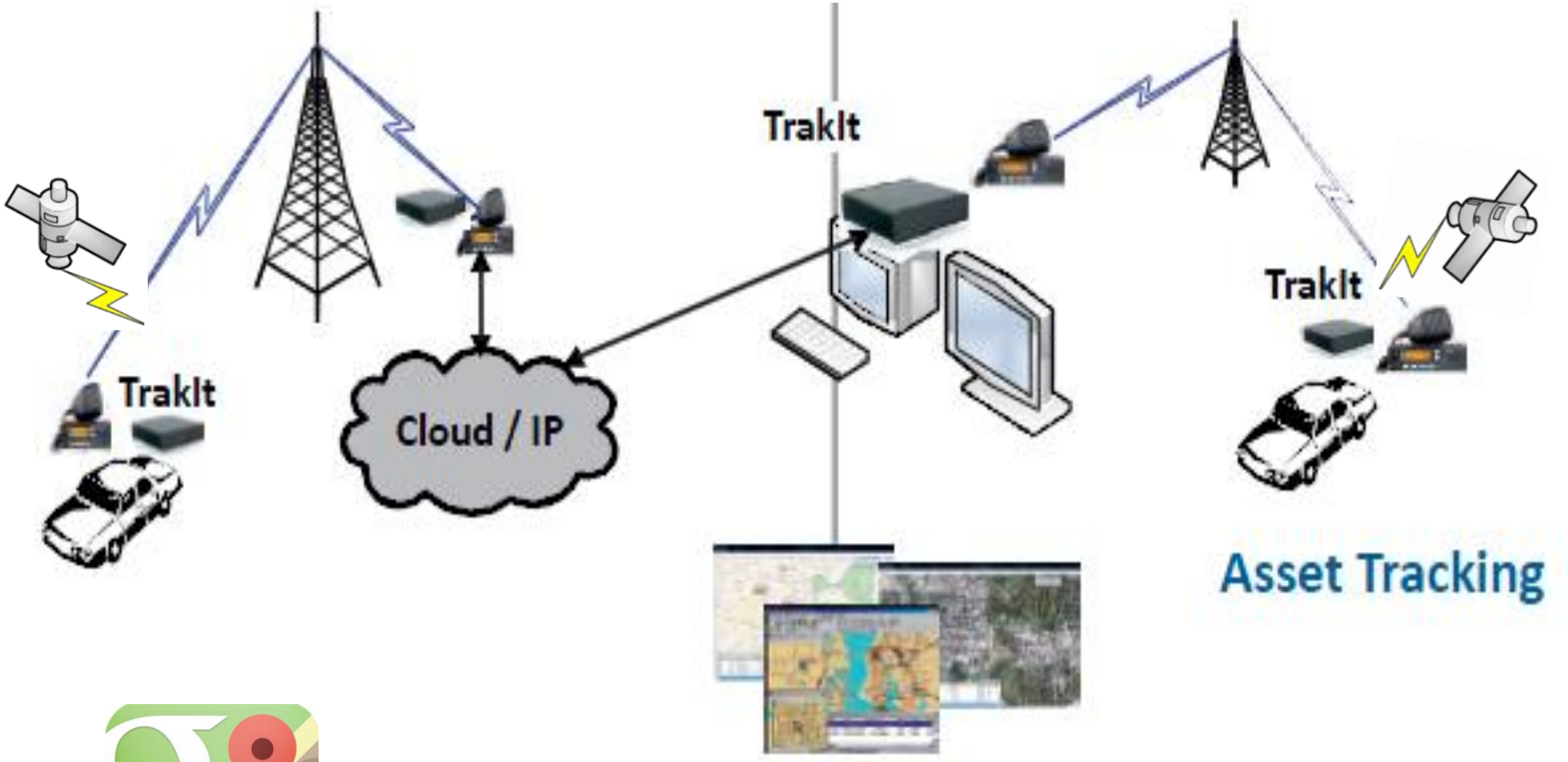
Next Gen Location Services

Industry Leadership in Asset Tracking

WHAT DOES TRAKIT OFFER?

Unparalleled Asset Tracking Technology

Realtime Visual Intelligence for Your Mission Critical Operations



Networks

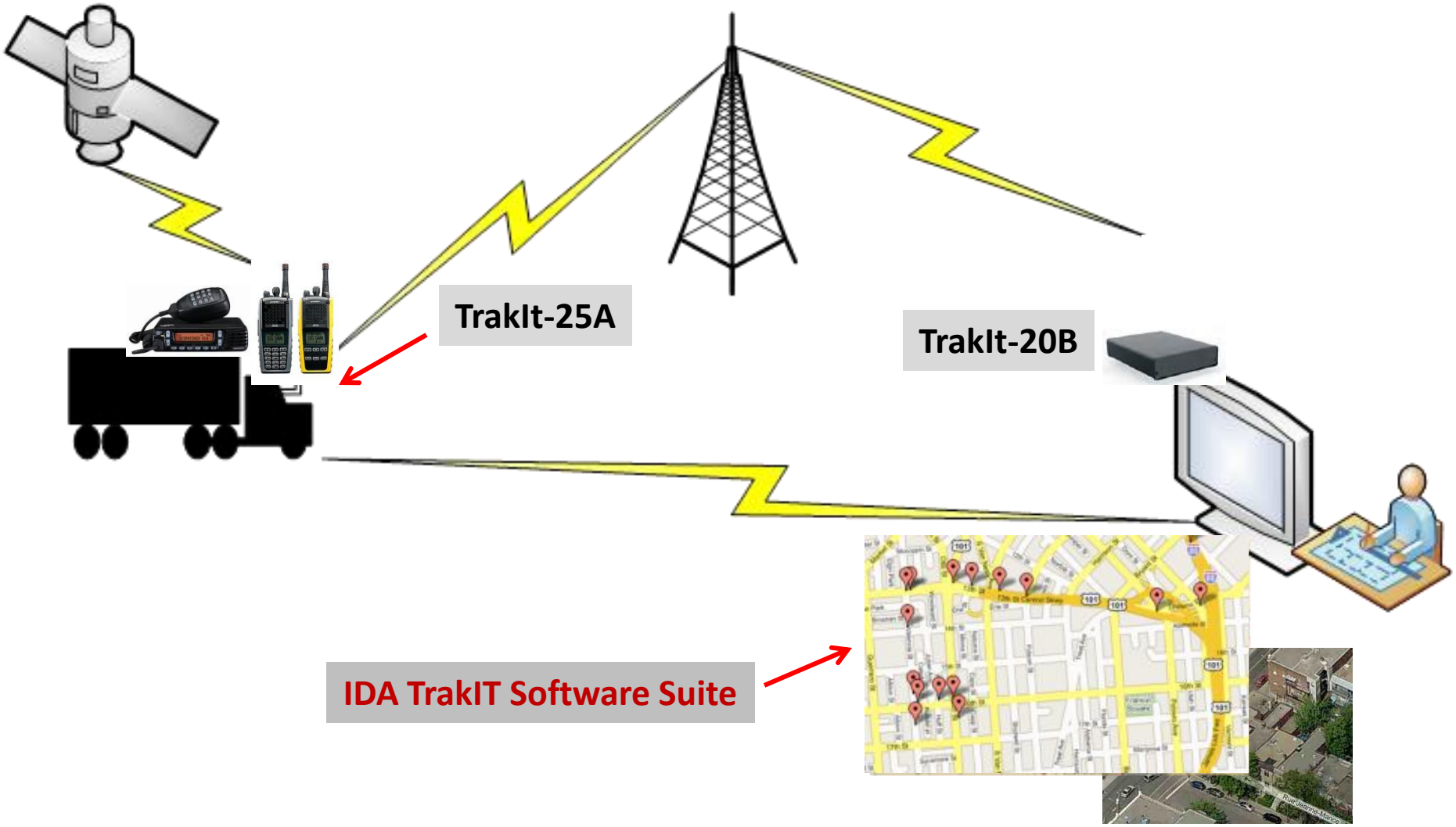
Digital
Analog
Cellular

What can be Tracked?

- **Mobile Assets**
  - Digital / Analog Radios
  - Public Safety Personnel & Vehicles
    - Law Enforcement Personnel, First Responders
  - Transit / Transportation – School Bus, City Bus
  - Commercial / Service Vehicles
- **Immobile Assets**
  - Network Devices
  - Expensive Equipment
  - Geostationary Machinery

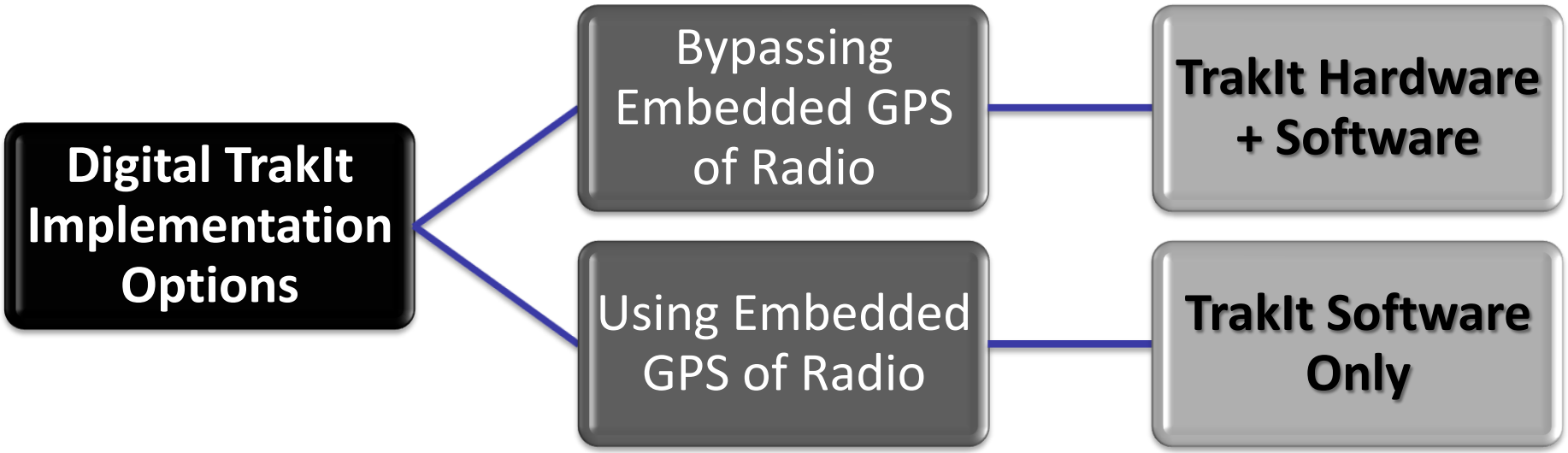
IMPLEMENTATION MODELS

For Analog Network

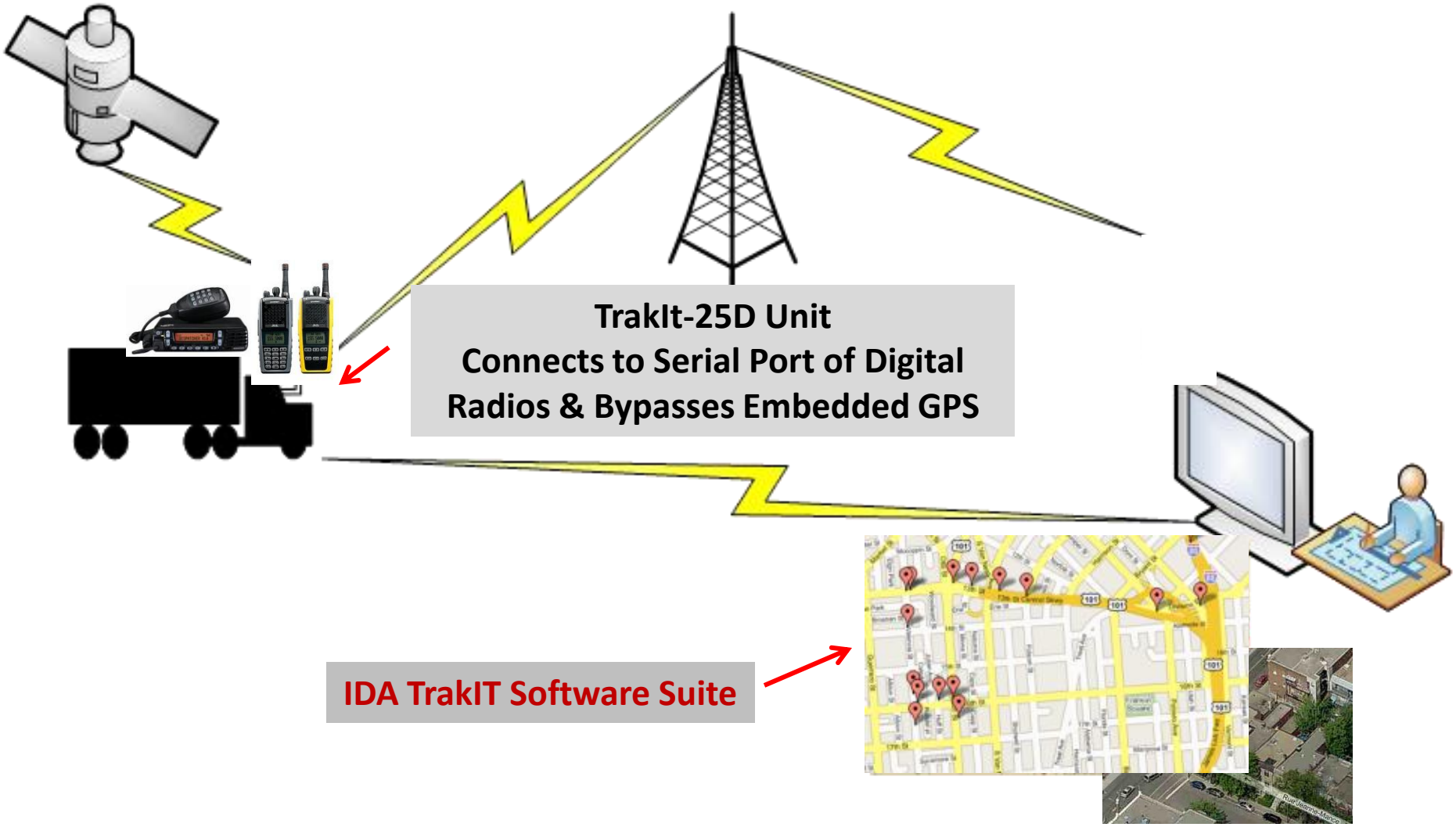


For Digital Network Infrastructure

With & Without TrakIt Hardware Device



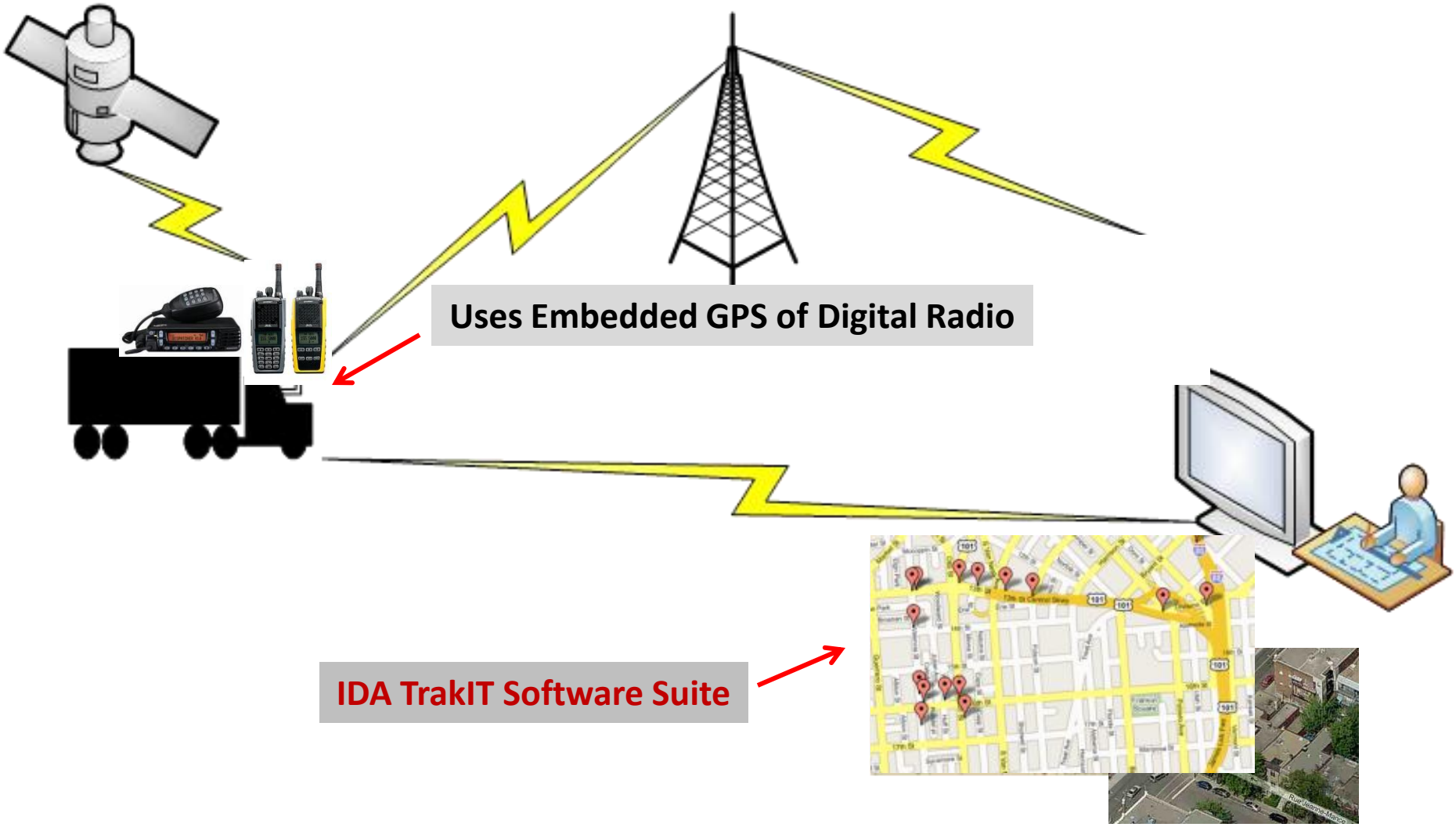
Using TrakIt Hardware + TrakIt Software



TrakIt-25D Unit
Connects to Serial Port of Digital Radios & Bypasses Embedded GPS

IDA TrakIT Software Suite

Using TrakIt Software Only



CHALLENGES OF DIGITAL NETWORK

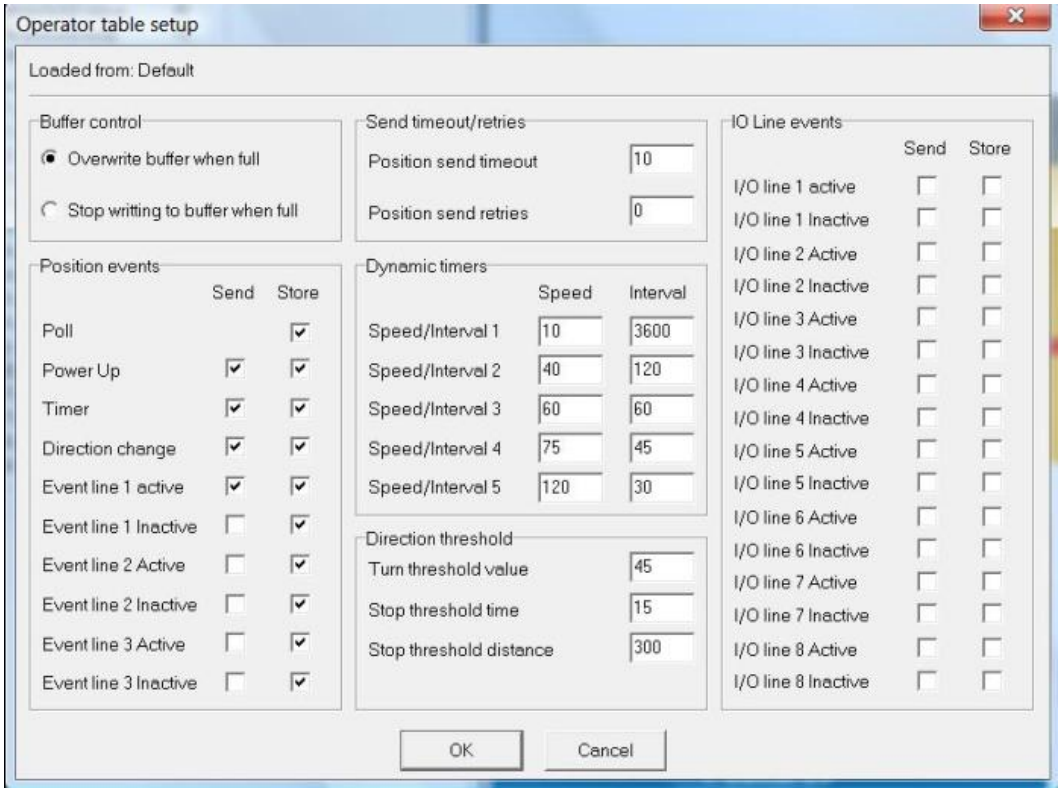
Traffic Congestion

- Large Number of Connected Mobiles, Handhelds and Network Devices
- Overwhelming Growth of Data Traffic
- Constant conflict of Voice VS Data traffic
- Spewing Embedded GPS Data
- Multi-site Network Load
- Data encroaching mission-critical Voice communication

TRAKIT AS A NETWORK OPTIMIZER

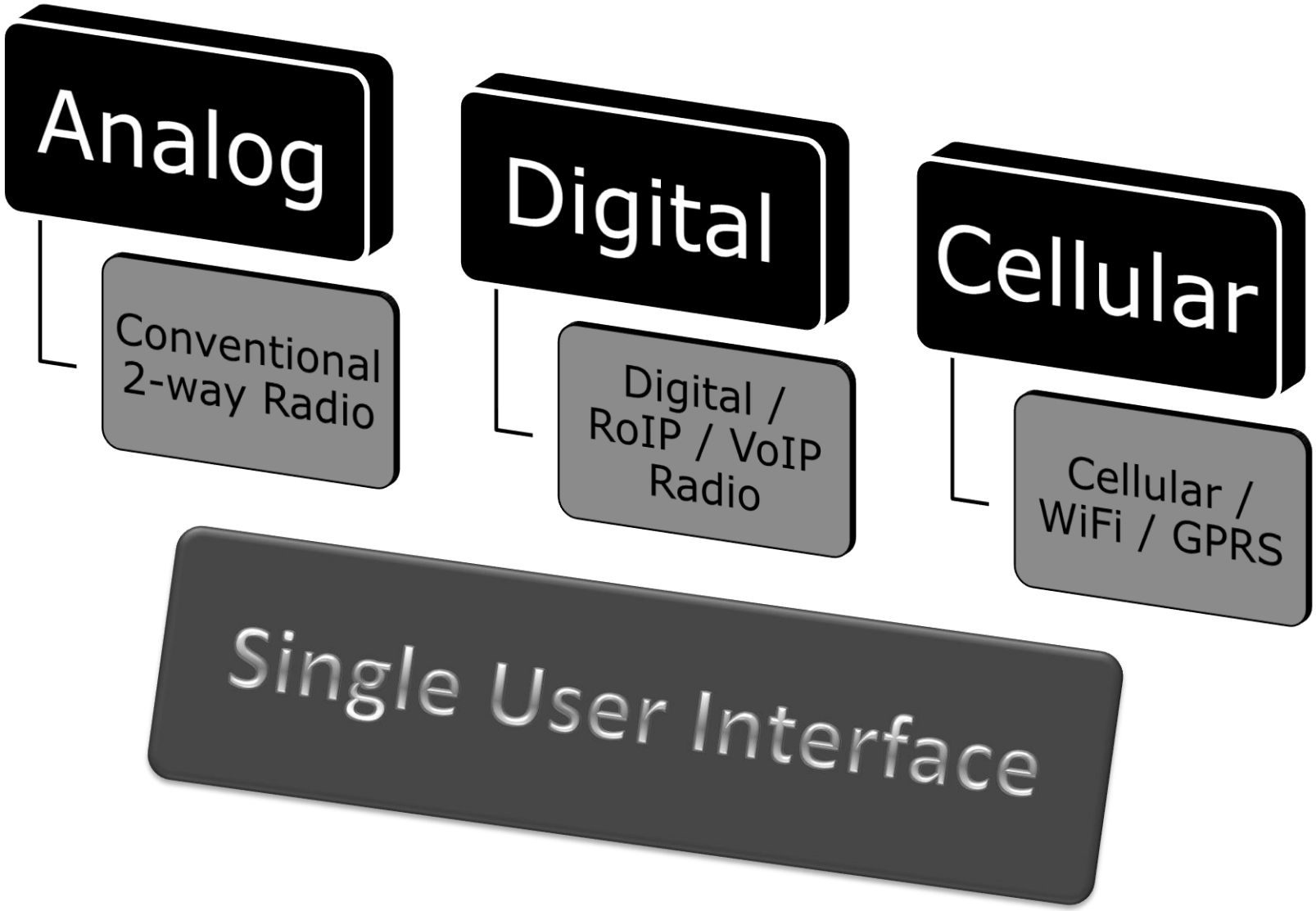
Selective Geolocation Data Transfer

- Offloads GPS / Tracking Data to TrakIt Unit
- Transmits Data ONLY based on Selected & Programmable Parameters
  - Speed
  - Headings
  - Distance Travelled
  - Critical Even Triggers
  - Manual Triggers

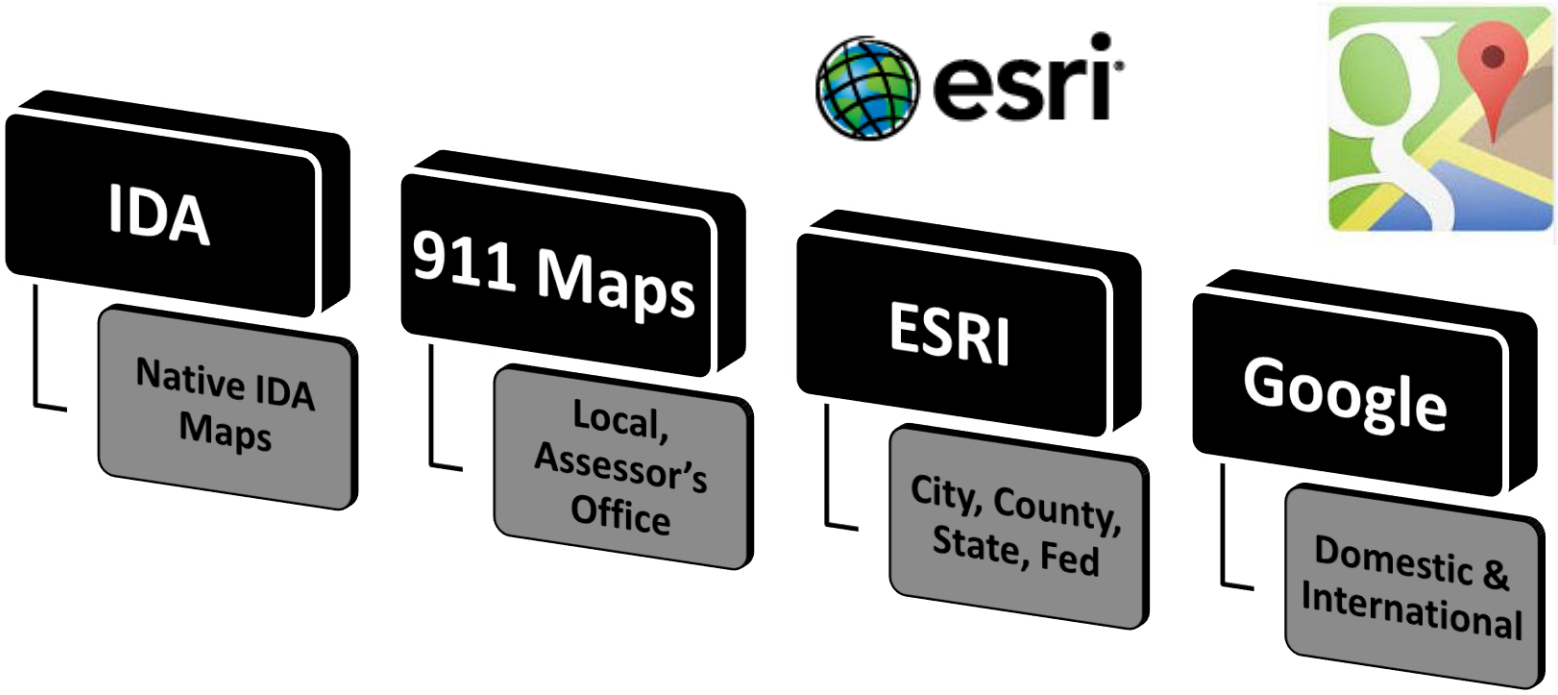


POWER OF CHOICE

Choice of Network



Choice of Mapping Technologies

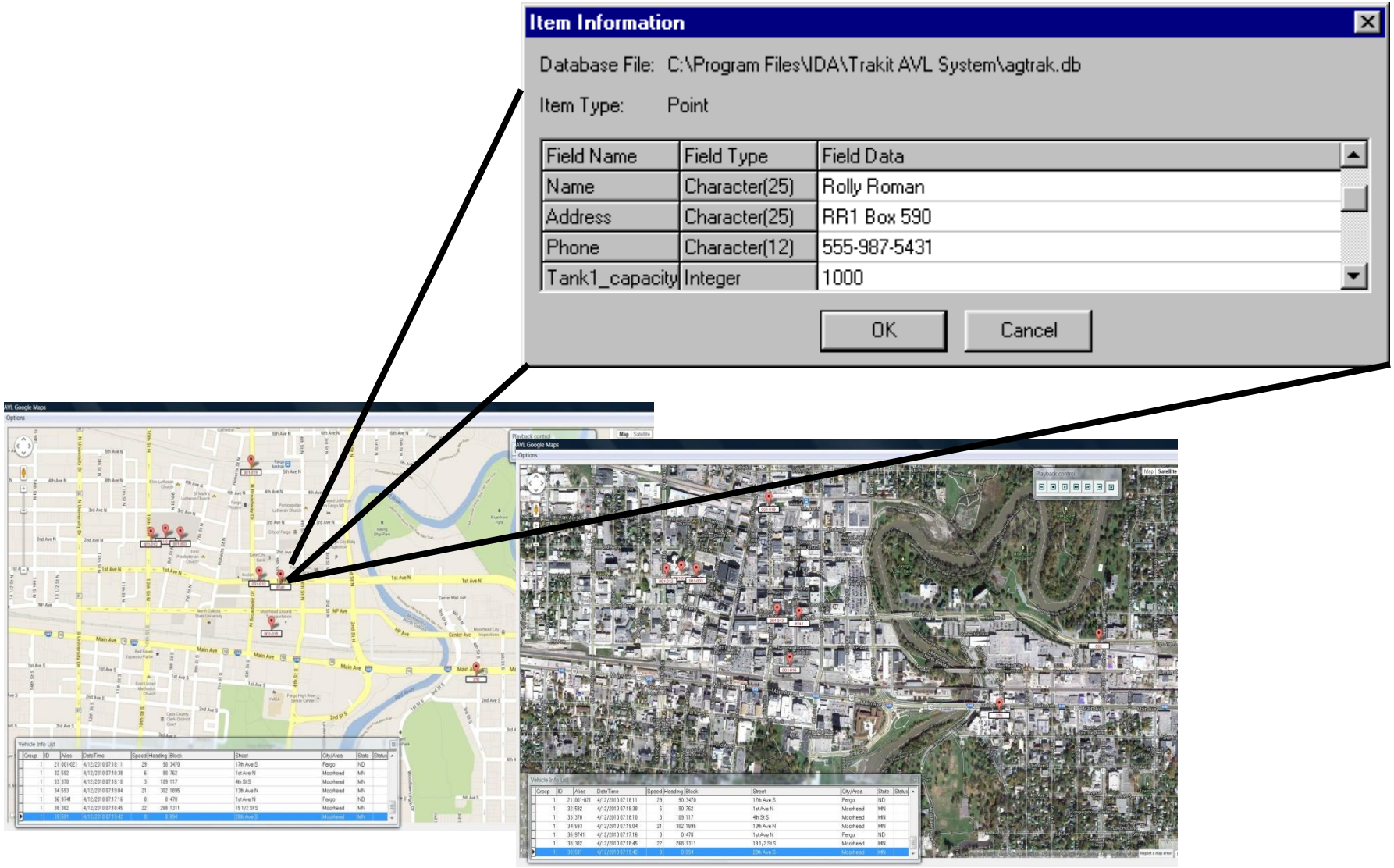


Choice of Industry Verticals

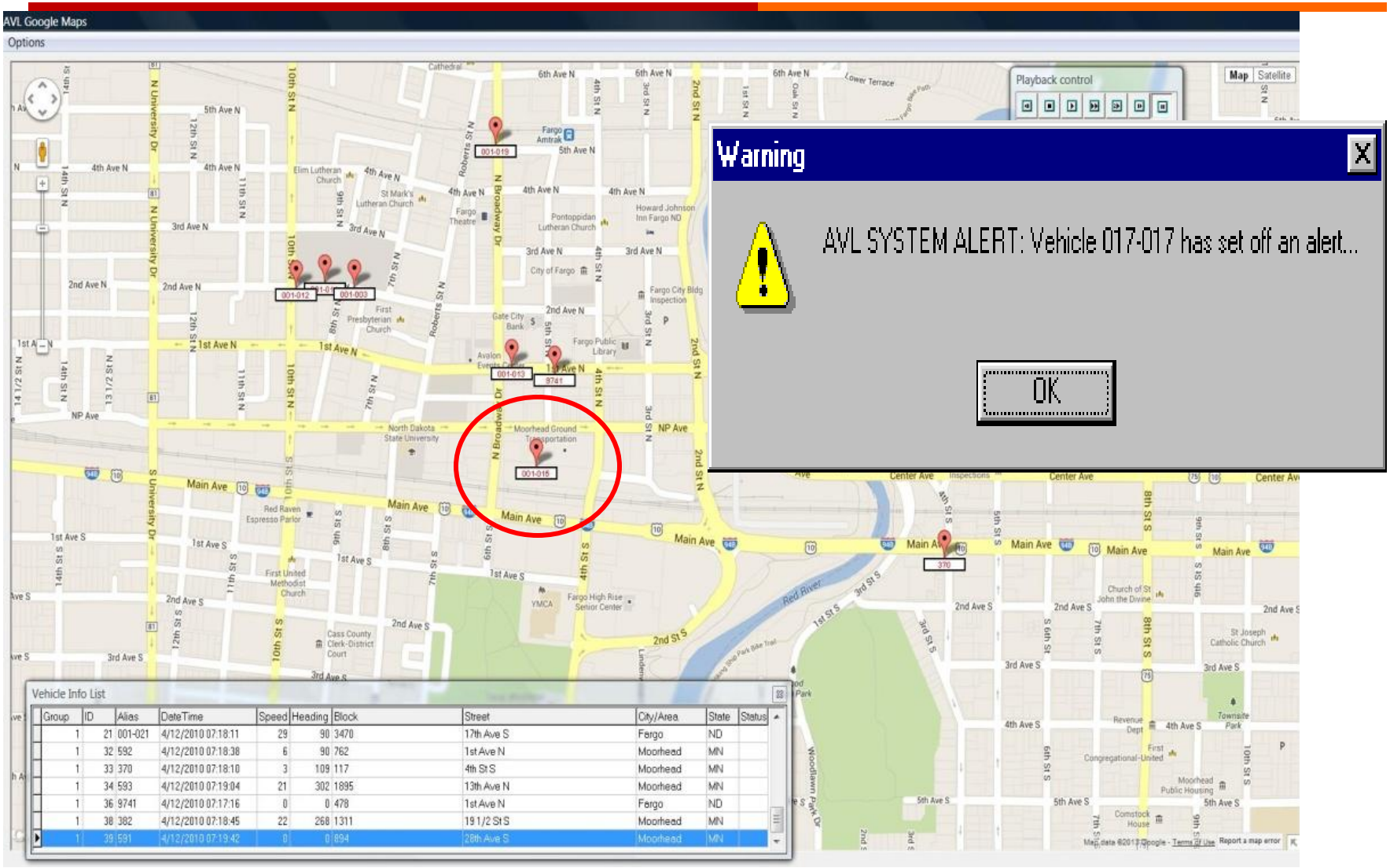
- Law Enforcement
- Public Works
- Business & Industry
- Local & State Government
- Emergency Management
- Private & Public Utilities
- Healthcare & Insurance
- Transportation & Logistics

Choice of Reports

Reports – Realtime Tracking



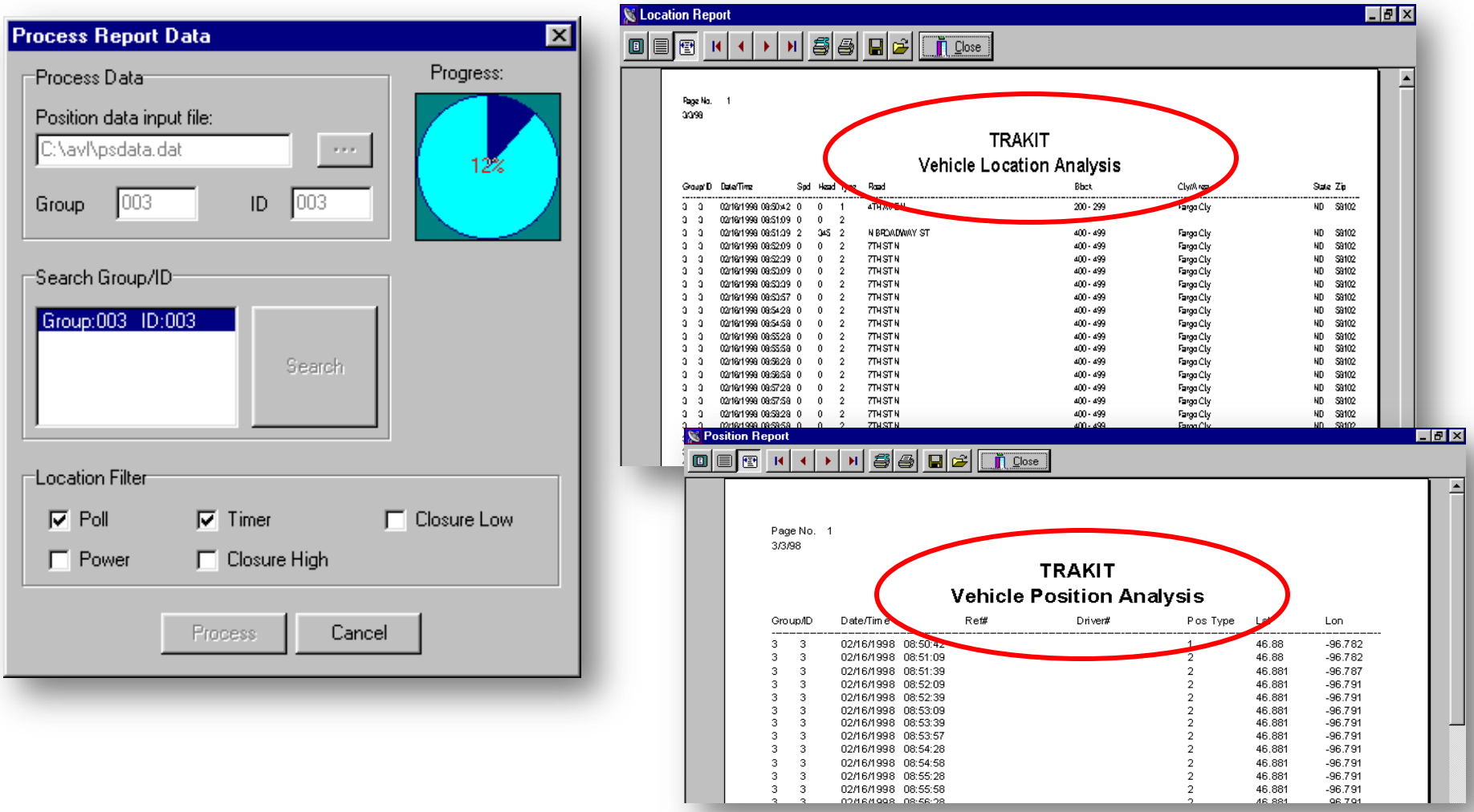
Alerts / Zone / Perimeter Fencing



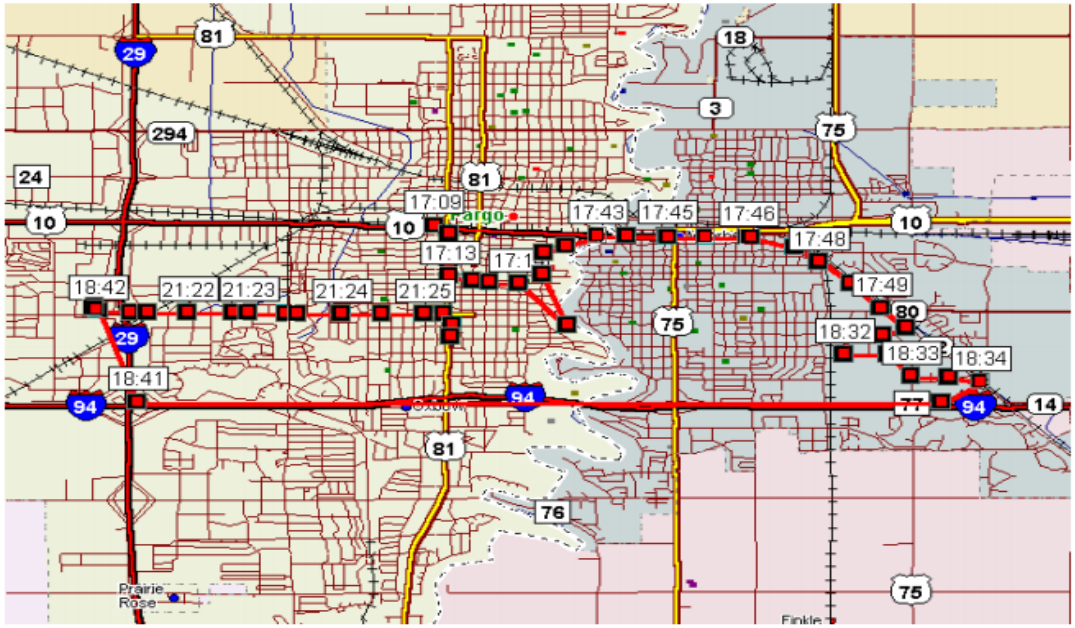
Realtime Data Capture

- Vehicle ID
- Longitude / Latitude
- Date / Time
- Record Type
- Driver Name
- User reference number
- Speed / Heading
- Road, Address, City, State, Zip

Location Analysis

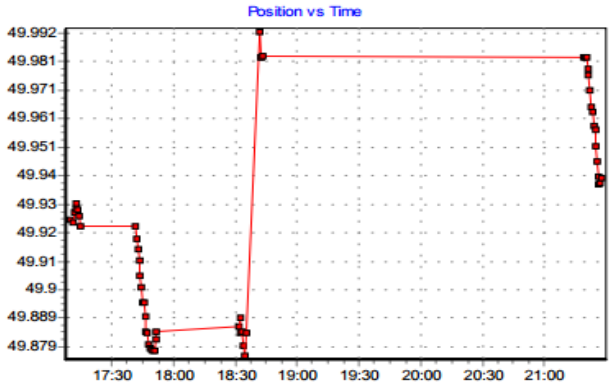


Reports – Daily Activity Report

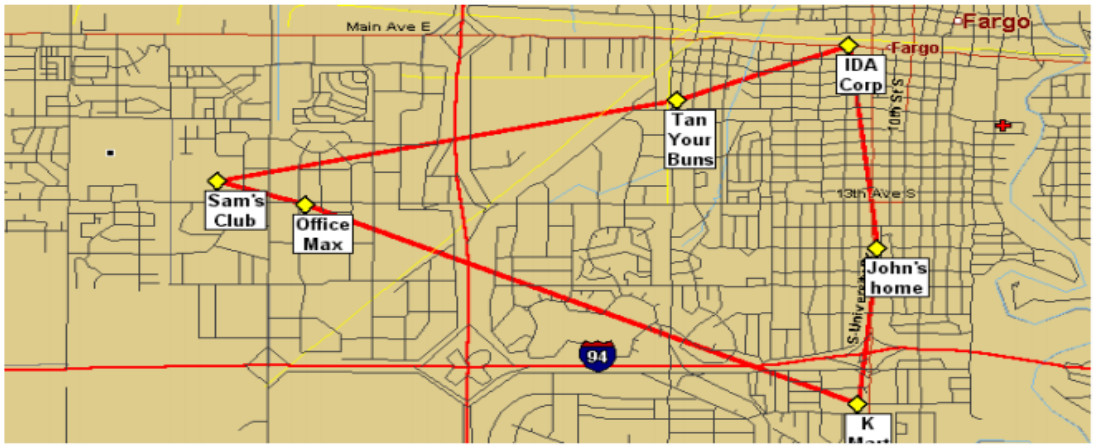


Vehicle ID: 017-017

Start time:	03/17/1998 5:09:46 PM
Stop time:	03/17/1998 9:27:43 PM
Operating time:	Hours 4 Minutes 17
Total run time:	Hours 0 Minutes 34
Total off time:	Hours 3 Minutes 43
Total idle time:	Hours 0 Minutes 0
Total travel time:	Hours 0 Minutes 34
Number of stops:	4
Total stop time:	Hours 3 Minutes 43
Ave stop time:	Minutes 55.8
Ave travel time:	Minutes 8.5
Maximum speed:	60.0 mph
Total Distance:	14.78 Miles



Start – Stop Report



Report Information

Alias:	John	Start Time:	01/18/2002 00:00:00	Report Mode:	5 Minute Mode
Min:	0041034519	Stop Time:	01/18/2002 23:59:59		

Arrived Time	01/18/2002 07:07:49	Departed Time	01/18/2002 11:34:49	Duration (Min)	267.0
Customer ID	1	Customer Name	IDA Corp		
Address 1	1345 Main Ave	Address 2		Phone	701-280-1122
City	Fargo	State	ND	Zip Code	58103
Arrived Time	01/18/2002 11:54:42	Departed Time	01/18/2002 12:15:54	Duration (Min)	21.2
Customer ID	14	Customer Name	Tan Your Buns		
Address 1		Address 2		Phone	
City		State		Zip Code	
Arrived Time	01/18/2002 12:52:07	Departed Time	01/18/2002 13:01:39	Duration (Min)	9.5
Customer ID	18	Customer Name	Sam's Club		
Address 1		Address 2		Phone	
City	Fargo	State	ND	Zip Code	
Arrived Time	01/18/2002 13:04:09	Departed Time	01/18/2002 13:15:09	Duration (Min)	11.0
Customer ID	19	Customer Name	Office Max		
Address 1		Address 2		Phone	
City	Fargo	State	ND	Zip Code	
Arrived Time	01/18/2002 13:23:18	Departed Time	01/18/2002 13:41:13	Duration (Min)	17.9
Customer ID	20	Customer Name	K Mart		
Address 1		Address 2		Phone	
City	Fargo	State	ND	Zip Code	
Arrived Time	01/18/2002 13:45:13	Departed Time	01/18/2002 13:52:37	Duration (Min)	7.4
Customer ID	15	Customer Name	John's home		
Address 1		Address 2		Phone	
City		State		Zip Code	

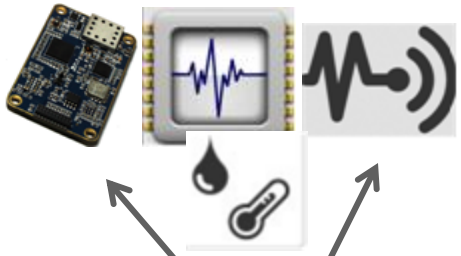
TRUE TEST OF RELATIONSHIP

ABILITY TO CUSTOMIZE

Custom Reports

Customized Location Services

Location of Sensors



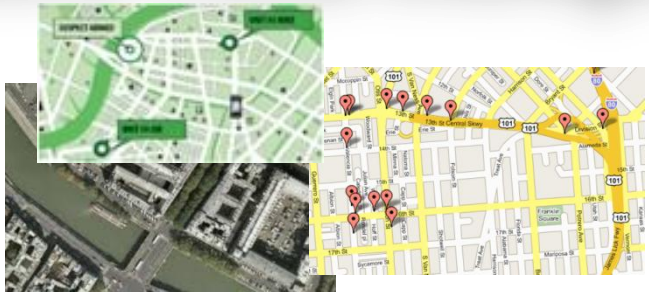
Location of Mobile Devices

Radio – Cellular Networks

TiDE
(Trak-it Data Engine)

Asset Tracking

Realtime Visual Intelligence



Geo Data

esri

TrakIt Technology

36+ Years of Commitment Continues .....

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