SkyEyes
A Continuous Location-Based Service Provider for Commercial Fleet Companies in Chinese Taipei

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July 12, 2012
Customer Vehicle Spectrum

- Mixed Concrete Trucks
- Tanker Trucks
- Tourist Coaches
- Freight Trucks
- Refrigerator Vans
- Ya-Tung Ready Mixed Concrete Company
- Formosa Chemicals & Fibre Corporation
- Formosa Plastics Transport Corporation
- Holiday Transportation
- T-Join Transportation
- Chi-Shen Chemicals
- Fire Department
- Forestry Bureau
- Transportation Bureau
- Police Department
- Ambulances
- Patrol Trucks
- Tow Trucks
- Police Cars
Outlines

- What is FMS
- Benefits
- Stay Steady & Reliable
What is FMS
Vehicle Tracking

Source: http://skyeyes.tw/
Dynamic Dispatching

Source: http://skyeyes.tw/
Vehicle History Trails

Source: http://skyeyes.tw/
Enterprise Dashboard

Source: http://skyeyes.tw/
System Architecture of FMS

Barcodes/QR-codes/RFID Tags

GPS Satellite

On Board Unit (OBU)

GSM GPRS

Database Server

Telecom Company

PDA Smartphone

Control Center Fleet Company

Manager

Fleet Company

GSM

GPRS

Database

Server

Control Center
Functionalities

- Fast & Powerful Mapping
- Find Closest Capable Driver
- GIS Overlays
- Fuel Efficiency Module
- Animated Vehicle History Trails
- Reports
- Role Based Hierarchy
- Enterprise Dashboard
- Search!
- Advanced Large Fleet Reporting
- Fleet, Driver & Team Management
- 2-way Messaging
- Speeding Alert Against Posted Speed
- InSight Real-Time Alerts
- API Integration
- Landmarks and GeoFences
- Satellite Imagery
- International Language and Time Zone Support
- Turn-by-Turn Directions
- Route Optimization
- Maintenance Reporting

Source: http://www.telogis.com/
Benefits
Benefits

- Enhance efficiency, safety & accuracy

- **Pre-shipment**
  - Dispatching plan
  - Travel time prediction
  - Schedule control
  - Service hour balancing

- **During-shipment**
  - Real-time Freight Monitoring
  - Danger Alerts
  - Arrival Time Estimate
  - Progress Reporting
  - Freight Tracking via Smartphones

- **Post-shipment**
  - Management Reporting
  - Automatic Shipment logging
  - Automatic counting
  - Enterprise dashboard

Enhance efficiency, safety & accuracy
Safety Enhancement

Accidents per million kilometers

Source: Formosa Plastics Transport Corporation
Efficiency Enhancement

Operating costs per ton

Source: Formosa Plastics Transport Corporation
Stay Steady & Reliable
Disasters all the time
Information Security

Discover and Classify:
Discover all sources of sensitive information across the infrastructure

Define Policy:
Describe how sensitive information is protected - Data, People, Infrastructure

Enforce Controls:
Establish a control framework and implement appropriate controls to enforce the policy
- Data Controls
- Access Controls

Report and Audit:
Audit the environment to ensure and document compliance with policy
Backup is the best way to mitigate risks
Thank You