Ray Murphy, ITS Specialist
Federal Highway Administration Resource Center
FHWA
Paul Pisano
Ray Murphy
Andy Stern

SAIC Team
John Lasley - SAIC
Bill Dye - Dye Management
Arkopal Goswami - Dye Management
Ed Boselly - Weather Solutions Group

Maintenance Decision Support System
Deployment Guide
## MDSS Deployment Guide

<table>
<thead>
<tr>
<th>Panel Review Members</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Doherty, Mike Lashmet, Eugene Taillie, Timothy Timbrook</td>
<td>NYSDOT</td>
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<tr>
<td>Brian Burne</td>
<td>Maine DOT</td>
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<tr>
<td>James Souba, Bill Hoffman</td>
<td>Nevada DOT</td>
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<tr>
<td>Allen Williams</td>
<td>Virginia DOT</td>
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<tr>
<td>Phillip Anderle</td>
<td>Colorado DOT</td>
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<tr>
<td>David Cornett</td>
<td>Kentucky Trans. Cabinet</td>
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<tr>
<td>Leon Osborne</td>
<td>Meridian Environmental</td>
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<tr>
<td>Phil Gilmer</td>
<td>DTN/Meteorlogix</td>
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<tr>
<td>Rick Santos</td>
<td>FHWA Colorado Div</td>
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<td>Andy Stern</td>
<td>Noblis</td>
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<td>Kevin Petty</td>
<td>NCAR</td>
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<tr>
<td>Pat Kennedy</td>
<td>City of Denver</td>
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<tr>
<td>Mark Hickson</td>
<td>NYS Thruway Authority</td>
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</table>
Executive Summary

- Overview
- Why Use MDSS?
- Deploying MDSS
- Lessons Learned
- Getting Help
Deploying MDSS

• Deployment Phases & Tasks
  - Planning & Justification
  - Acquisition
  - Implementation
  - Use & Evaluation
Maintenance Decision Support System

- Joint Public/Private
- Promote technology deployment
- Aspects of deployment

Ray Murphy, ITS Specialist, FHWA Resource Center
Nebraska Regional MDSS PDS
May 28, 2008

100+ attendees
✓ 9 State DOTs & ON,
✓ 4 municipalities,
✓ 7 priv. sector
6th Clarus & 10th MDSS Stakeholder Meetings, August 4-7, 2008, Reno, NV
Panel Discussion led by Dave Huft, AASHTO TIG Chair
Maintenance Decision Support System

Co-sponsored by:

U.S. Department of Transportation
Federal Highway Administration

AASHTO Technology Implementation Group

Local Technical Assistance Program

Free One-day Event!
Wednesday, August 27, 2008
Valley Forge Conference Center-Radisson
King of Prussia, PA

In conjunction with the Eastern Snow Expo
Thursday, August 28, 2008

Free One-day Event!
Wednesday, September 17, 2008
Doubletree Riverside
Boise, ID

register online at: www.utahltap.org

6th Clarus & 10th MDSS Stakeholder Meetings, August 4-7, 2008, Reno, NV
Maintenance Decision Support System
Private Sector Forum Preview

<table>
<thead>
<tr>
<th>New MDSS Products and Services</th>
<th>Name</th>
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<tbody>
<tr>
<td>DTN/Meteorlogix</td>
<td>Jon Chrzanowski</td>
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<td>Boschung Mecatronic</td>
<td>Thorsten Cypra</td>
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<td>Meridian Environmental Technology</td>
<td>Leon Osborne</td>
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<td>Quixote Transportation Technologies/SSI</td>
<td>Jon Tarleton</td>
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<tr>
<td>Vaisala</td>
<td>Paul Bridge</td>
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<td>IWAPI</td>
<td>Kevin Groeneweg</td>
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Ray Murphy, ITS Specialist
Federal Highway Administration Resource Center
Maintenance Decision Support System

Private Sector Forum Preview

DTN/Meteorlogix: Providing Accurate Forecasting and Consulting for Transportation

Jon Chrzanowski

6th Clarus & 10th MDSS Stakeholder Meetings, August 4-7, 2008, Reno, NV
Maintenance Decision Support System
Private Sector Forum Preview
Maintenance Decision Support System

Private Sector Forum Preview

Providing Tomorrow’s Technology Today

Leon Osborne
Maintenance Decision Support System

Private Sector Forum Preview

Quixote Transportation Technologies

Jon Tarleton

- Road Weather Information Systems (RWIS)
- Mobile Weather Sensors
- Highway Advisory Radio Systems
- Custom Engineered Systems
- Portable Traffic Analyzers
- Permanent Traffic Analyzers
- Distance Measuring Devices

The Source for Intelligent Transportation
Vaisala Display and Thermal Mapping Update

Vaisala will be providing an overview of their new Web user interface focusing on Thermal Mapping display capabilities.

MDSS
Reno, Nevada
August 2008
Paul Bridge
Maintenance Decision Support System

Private Sector Forum Preview

Kevin Groeneweg
Maintenance Decision Support System

Wrap Up & Adjourn - Paul Pisano