New MDSS Products and Services

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QTT Sensors and Systems

We sense the conditions.

MDSS System
Road Weather Information System - RWIS

thermo-Q
Non-intrusive temperature

terra-Q
Non-intrusive condition

Model II version to be released this fall
• Enhanced Version
• Friction
• Depth of Moisture
• New Name

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Integrated Weather and Traffic

- Traffic sensors determine how well operations are doing to return levels to normal.
- QTT offers two options:
  - Wireless WxT Sensor
    - Measures
      - Traffic Count
      - Traffic Speed
      - Traffic Length
      - Measures lid temperature “Skin temperature”
      - Has a pigtail for accurate pavement temperature
      - Basic Chemical Index
  - A release of the sensor this fall will add:
    - Enhanced traffic measurements
    - A sub-probe sensor for a complete wireless profile
Typical Installation

- Traditional wired sensors
- Wireless Sensors
- Saves on installation costs
- Adds traffic sensing

RWIS Site
Option 2 - Non-Intrusive Traffic Sensor

- QTT has partnered with Wavetronix
- QTT can offer the Smart Sensor with RWIS installations
- QTT is the licensed distributor of the Waventronix product line for 5 countries in the Middle East and Latin America.
QTT Mobile Weather Offering

- **Surface Patrol**
  - Offers air temperature and pavement temperature
  - Temperatures can be displayed:
    - In the vehicle
    - In a spreader controller
    - Through AVL system
- **Key Features**
  - Field recalibrated
  - Cone design to protect lens
  - Separate air temperature sensor for improved accuracy.
New Mobile Offering

- Product will be limited released/beta tested winter 08-09
- Mobile Sensor platform will add:
  - Relative Humidity
  - Dew Point Temperature
- Feature will be able to tell when conditions are favorable for frost and black ice.
Questions or Comments?

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