

# 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

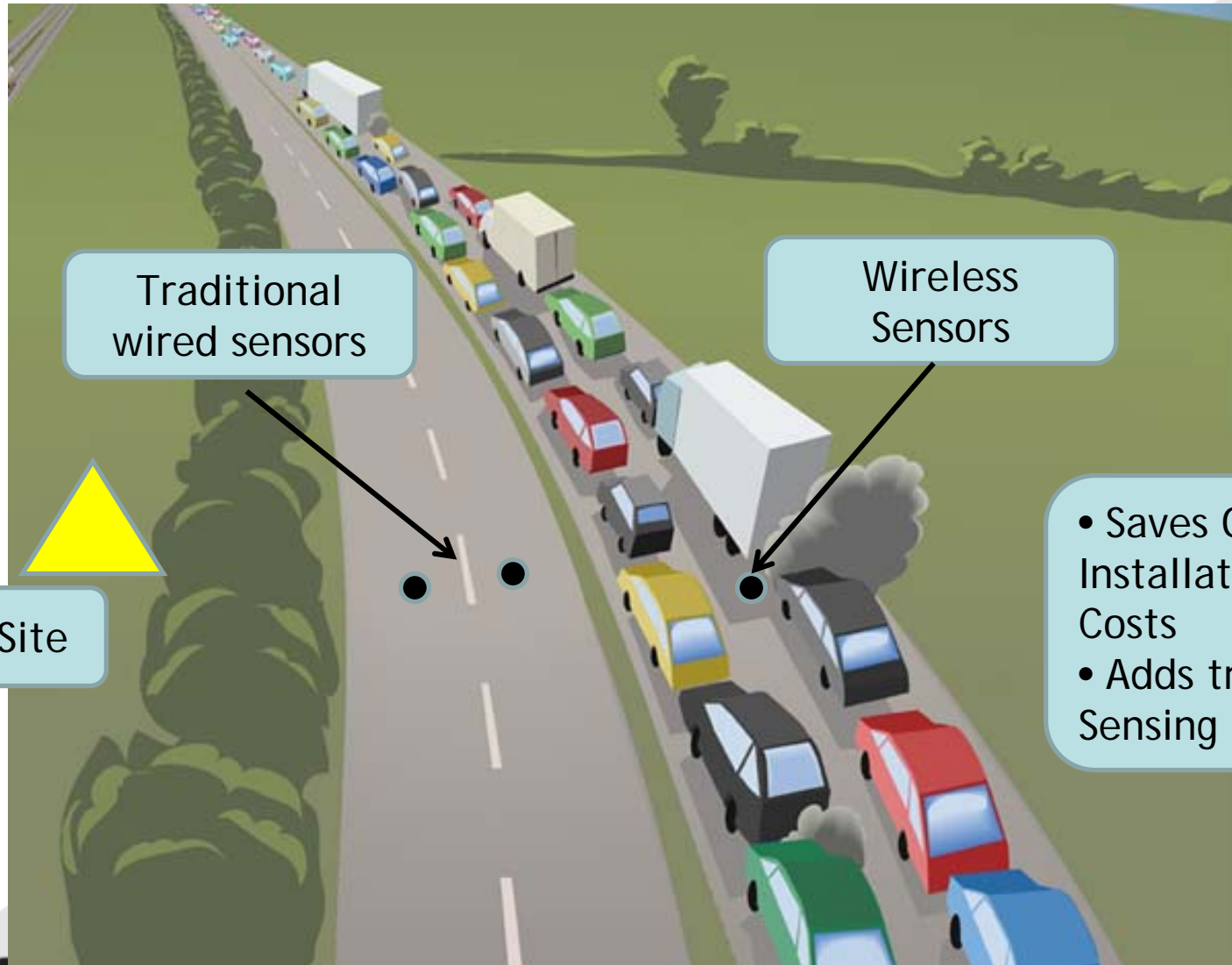
- Enhanced Version
- Friction
- Depth of Moisture
- New Name

# 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

RWIS Site

- Saves On Installation Costs
- Adds traffic Sensing

# 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 Wavetronix 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.

**SURFACE PATROL<sup>HD</sup>**



# Questions or Comments?

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