



[www.lufftusa.com](http://www.lufftusa.com)

# Who is Lufft USA?

- **Lufft has been in business since 1881**
- **German designed and manufactured technology**
- **Three locations: Santa Barbara, CA, Milford, Iowa and Raleigh, NC**
- **Local partners serving our customers throughout the USA**
- **We are servicing three areas:**
  - **Provide RWIS systems**
  - **Provide weather sensors**
  - **Modernization of existing RWIS systems**

# Guiding Principal

## Customer Control Technology

- “Cradle to Grave” the Customer is in control of their systems
- Flexible and Open Architecture
- Modular Systems
- Customer owns the data

*a passion for precision · passion pour la précision · pasión por la precisión · passione per la precisione · a passion for*

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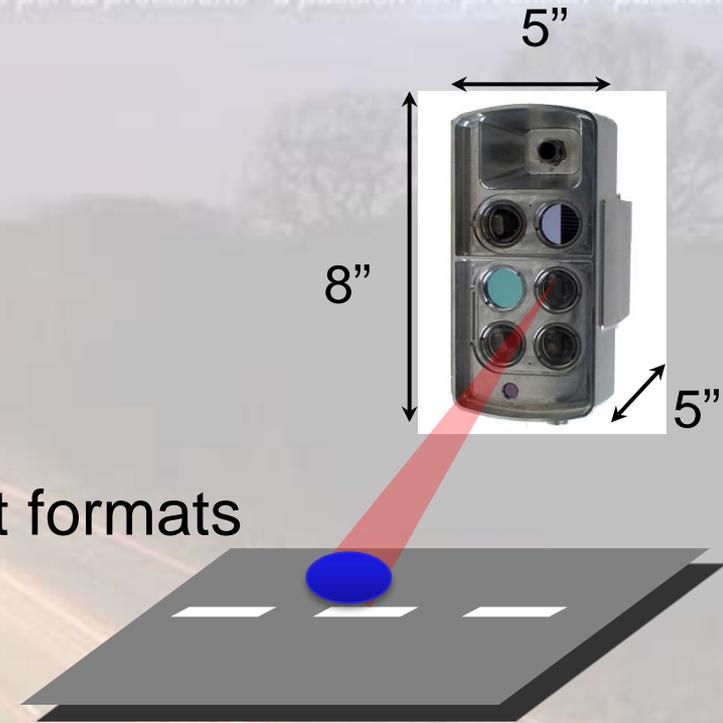
# MARWIS

## Mobile Advanced Road Weather Information Sensor



# MARWIS – Product Info

- » Size: 8" x 5" x 5"
- » Distance of up to 7 feet
- » Bluetooth enabled
- » Can take readings at speed
- » Visual display using many different formats
- » Interface into existing AVL  
(automatic vehicle location technology)



# MARWIS - Measuring Criteria



» Measurement of surface conditions such as wetness, ice, snow, frost and black ice.



» Measurement of water film height.



» Measurement of ice percentage in water.



» Measurement of friction.



» Fully integrated surface temperature measurement.



» Air Temperature and Humidity

# Recent Acquisition

## High precision laser based sensors



**Snow Depth Sensor**



**Ceilometer**

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**Thank You**