Clarus Initiative Update - Survey Results & Discussion

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Outline

• Survey
  - Background
  - *Clarus Data Uses*
  - Access Methods
  - Organizational Impact
  - New Data Preferences
  - Summary

• Next Steps
Survey Background

- Conducted by ITSA from 15 June - 15 July 2011

- Intent was to increase understanding of how *Clarus* is used by system customers

28 Participants:
- 13 State DOTs
- 6 private sector companies
- 4 academic institutions
- 3 Federal agencies
- 1 weather service provider
- 1 transit agency
**Clarus Data Uses**

- Monitor near real-time weather observations
  - 61% use multi-state view
  - 54% use in-state view

- Weather model input: 39%

- Evaluating maintenance needs on RWIS: 36%

- Use in other systems (e.g. 511) and weather forecasting: 29%
Clarus Access Methods

- Map: 48%
- On-demand request: 26%
- Subscription: 22%
- Other: 4%
Value of *Clarus* Data in Meeting Organization Needs

- **Significant enhancement:** 25%
  - “extremely valuable”
  - “decreased costs significantly”

- **Moderate enhancement:** 36%
  - “worthy product”
  - “working to implement ...data”

- **No change:** 25%
  - “Have not used it”
  - “Does not apply...”
New Data Preferences

- Mobile Data: 81%
- Air Quality: 50%
- ASOS/AWOS: 46%
- Other: 20%

Response Frequency
Clarus System Survey - Summary

• Survey not extensive but does provide some insight

• Organizational impacts vary considerably

• Clear primary indicators
  - State DOTs are primary users
  - Main use of data is monitoring current weather
  - Map is the main access method
  - Mobile data most desired of new sources
Next Steps

• Keep *Clarus* running
  - Current plan is through March 2013
• Promote findings from the Regional Demos
• Considering all options for its future:
  - NWS MADIS
    • And how does this relate to other efforts (e.g., FAA/NWS NextGen Weather, Nationwide Network of Networks)?
  - What’s the link to Connected Vehicle data environments?
  - What about other potential homes (academia, private sector, non-profit)?
Next Steps

• What do you think?