Boschung America
Runway Contaminant Depth System

MSP Demonstration

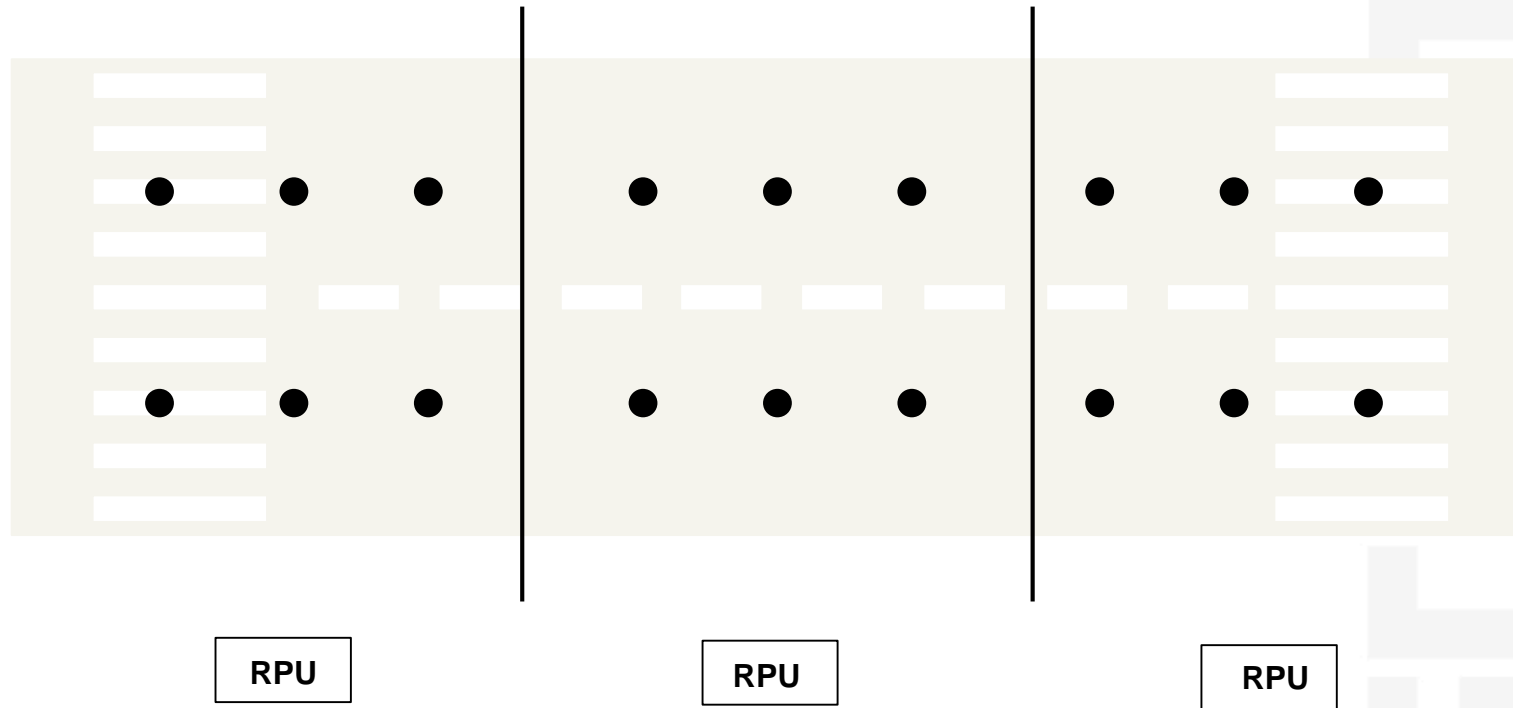Prepared for Friends and Partners in Aviation Weather

Orlando, FL

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IT-Sens RCD

- IT-Sens RCD specially adapted for Airports to measure contaminant type and depth.
- It measures:
  - Runway Contamination Depth
    - 0 to 20mm
  - Runway Contamination Type
    - Dry
    - Moisture
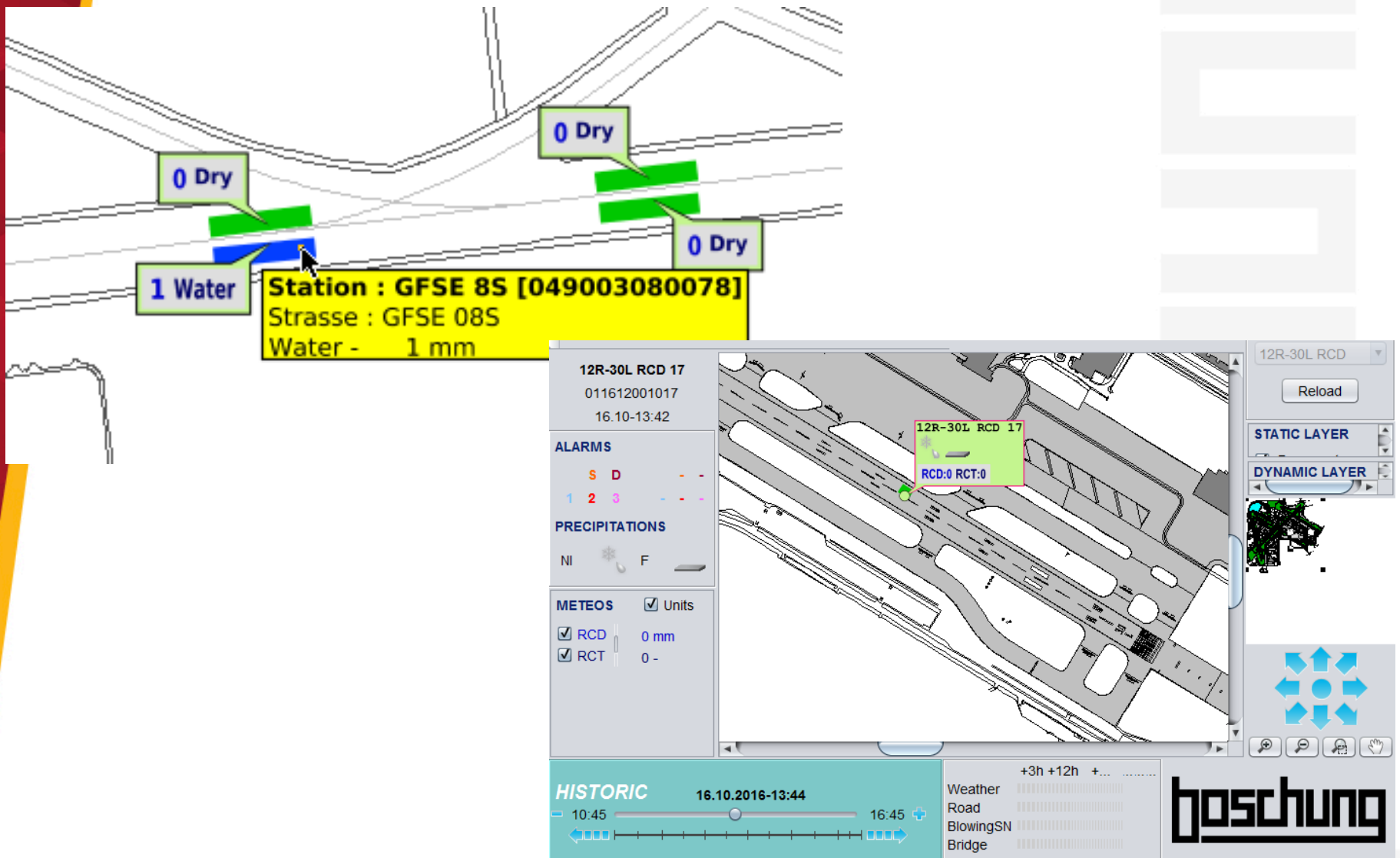   - Water
    - Slush
    - Snow
    - Ice

IT-Sens RCD/RCT Layout

- 4 - 6 IT-Sens RCD per third of a runway
- Exact location is defined by Airport Operations
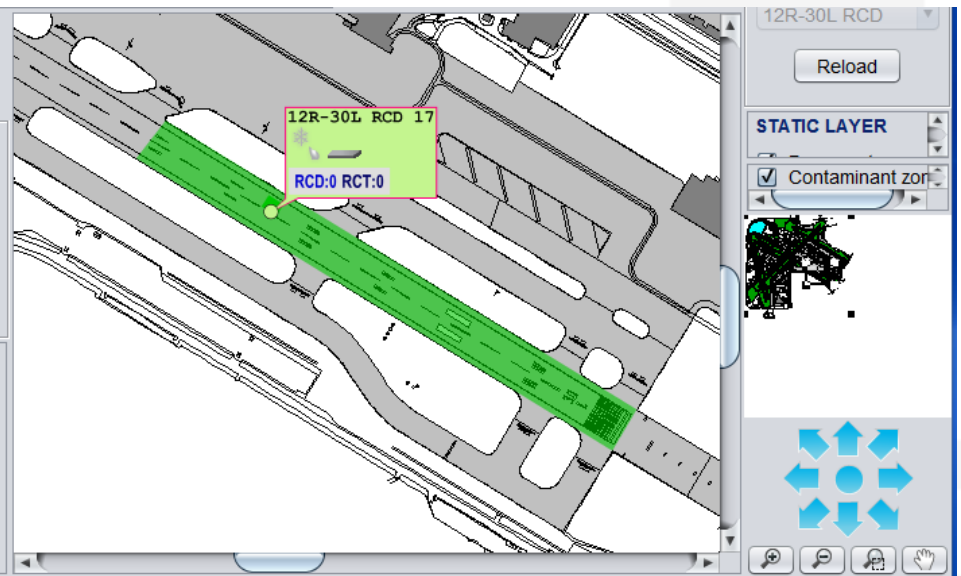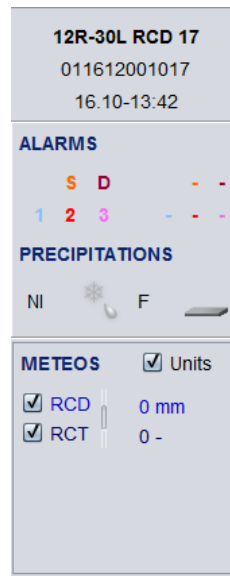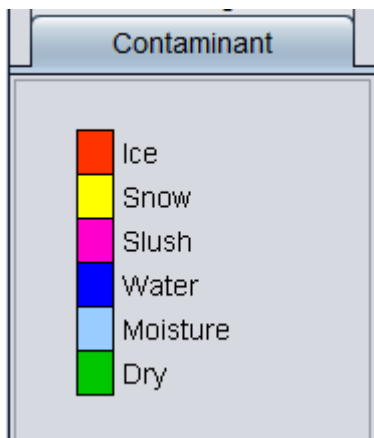- Data collected from 4 – 6 IT-Sens RCD per RPU
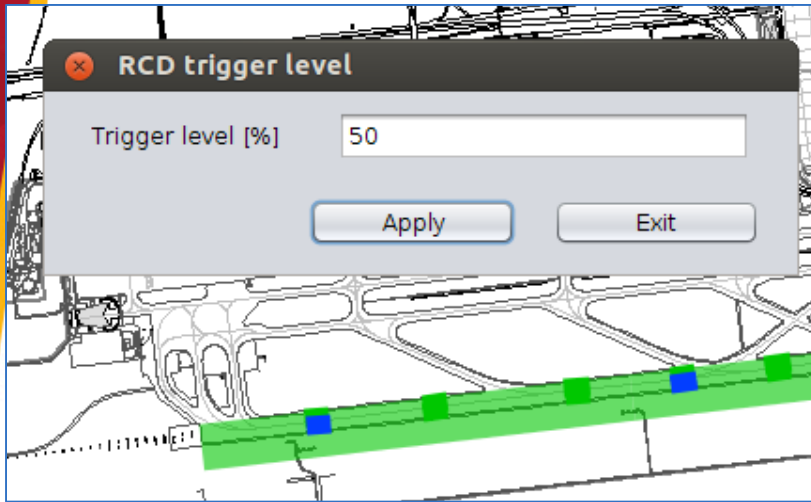
IT-Sens RCD Traces

One RCD-Trace for each IT-Sens

IT-Sens RCD/RCT Zones

Each RCD-Zone is a summary of several RCD-Traces...

...triggered by a threshold.

Reporting/Notification

- Text and email alerts can be defined that notify airport operations of a potential change in RCAM status.

- BORRMA-web Visualization tool is being adapted to report RCD information based on RCAM matrix.

Thank you