# Vaisala LWES

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FPAW

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# 2014 **CheckTime** Winter Demo

- 3 airlines completed all requirements for demonstration
  - UPS
  - Alaska Airlines
  - ExpressJet

- 5 airport locations:
  - DEN
  - ORD
  - MSP
  - SDF
  - ANC

- First flight departed ANC on Feb. 19, 2014

- Over 1400 CheckTime requests

- 400 flights in snow conditions

- Pilot survey – positive feedback, indicated reduced workload in the cockpit vs. Holdover Tables

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# Vaisala Network

- Manufacture station equipment
    - latest sensor technology
- Maintenance: Vaisala, FAA certified field service technicians
- Vaisala Depot – rotate newly calibrated units
- Vaisala Data Center – hosts full redundancy ( 3 cities)
    - 99.99% uptime
    - Global Data Coverage
    - No outages over winter demo/ including airport equipment
- Provide both CheckTime and Holdover Time
    - CheckTime is preferred due to dynamic measurement and reporting

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# Vaisala 2014-2015

- Additional Airport Installations
  - BWI
  - HEL
  - 5 additional planned

- 4 New airlines committed
- Worldwide attention

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# NORMAL ACARS CT RESPONSE



Airport for CT request

Local and Zulu Time

CheckTimes in local and Zulu listed for each configured fluid

Deicing fluids configured for DEN

Current Time

```
ACARS-MESSAGE                01/01
UP9999 /31 DEN-SDF
CHECKTIMES FOR DEN
AS OF    1445L/2045Z
--
1109L/1709Z CPG
1109L/1709Z KFS+
1237L/1837Z KFS+75
1409L/2009Z AGTYPE1
1412L/2012Z CSMPIV100
<REJ      NEW          ACK>
<RETURN  20:45   MESSAGE*
```

# Future Developments

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