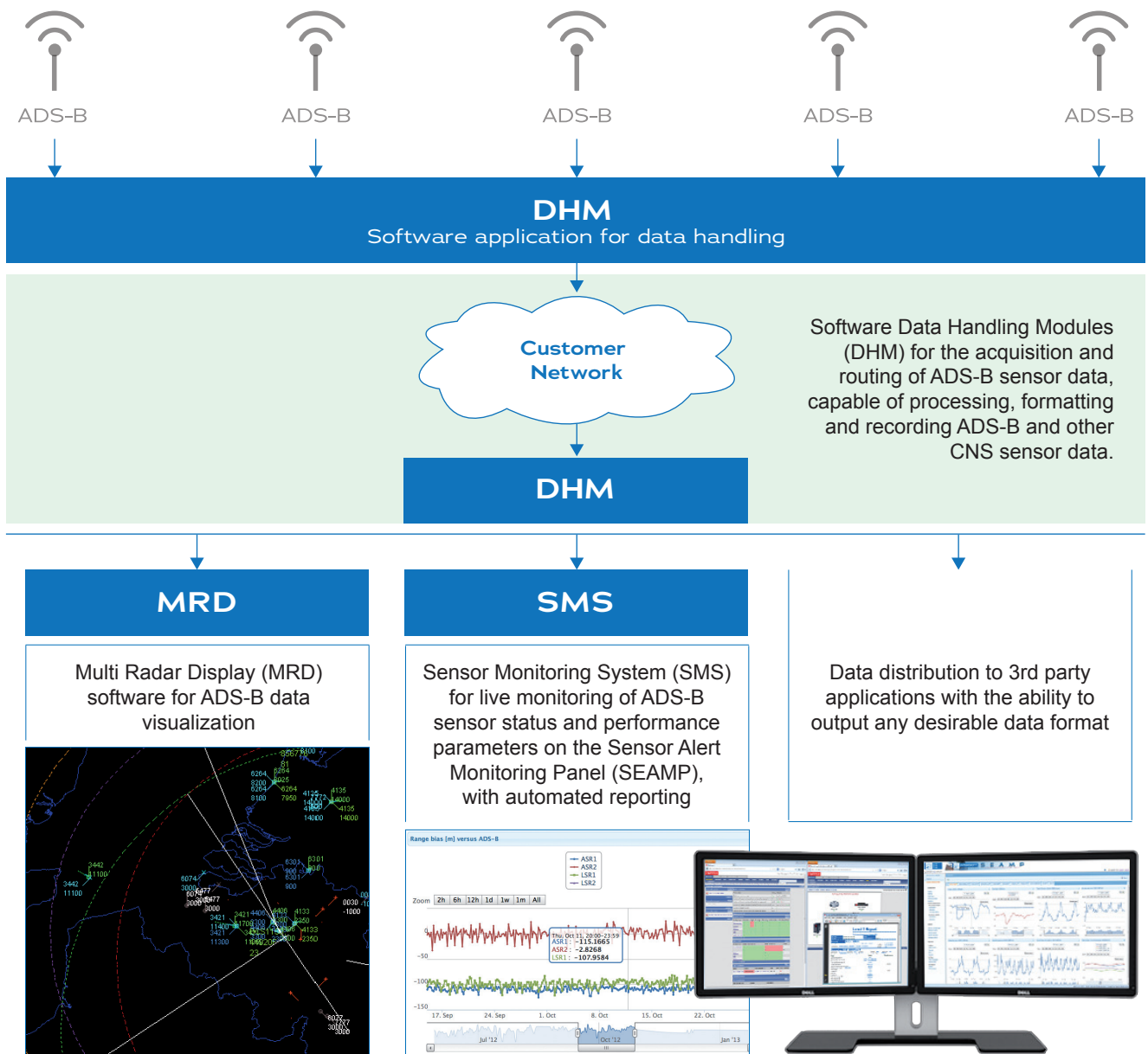


## SMS | Use Case ADS-B

### Integrated Sensor Monitoring System for ADS-B networks

In today's world, ADS-B data networks must be flexible enough to integrate different types of OEM sensors, handle different data formats, and communicate with multiple third-party applications. In addition, ADS-B data is fused into complex ATM systems, often masking underperforming sensors. At the ATM level, there is an increasing demand for early notification of sensor degradation to ensure quality of service (QoS) to controller work positions.



Intersoft Electronics' SMS is a scalable Sensor Monitoring System that provides real-time analysis of multiple sensors. It's the ultimate tool for maintenance personnel to gain system intelligence on the entire network with all its sensors. It enables proactive maintenance, prevents system failures and improves data accuracy and reliability.

SMS is capable to monitor ADS-B, as well as PSR, SSR and Mode-S radars, MLAT systems, A-SMGCS and ASDE-X data, ILS LOC & GP and potentially many other types of CNS systems.

## Advantages for the customer

- Centralized monitoring of ADS-B data
- Real time monitoring of ADS-B sensors status and performance
- Easy integration of different formats of OEM sensor data.
- Ability to implement the remote monitoring of other CNS sensors on the same network
- System and network intelligence enables proactive maintenance, improving data accuracy and reliability

Intersoft Services can also provide, install and maintain the ADS-B sensors, as such taking care of the complete system.

Together we make the sky safer



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