A sustainability success story for Finnair and Air Dispatch

Increased automation in load management enables the optimisation of the load and balance of aircraft.

The Challenge

Increased automation in load management enables the optimisation of the load and balance of aircraft.

The Need

More accurate Estimated Zero Fuel Weight calculations to:

- Improve productivity
- Manage costs
- Enhance reputation

The Solution

Amadeus Altéa Departure Control – Flight Management enabling Centralised Load Control.

The Results

"Centralisation of load control requires an airline to change its operational procedures and address communication and staff issues. But with staff and fuel expense often proving to be an airline's downfall, what's a little process reengineering hassle compared to crippling costs?"

Nick Yeadon
Managing Director, Air Dispatch

"The number of Zero Fuel Weight error records has been reduced by a massive 48.5%, taking the number of error records from 3.59% to 1.85% of all cases."

Kati Ihamäki
Vice President Sustainable Development, Finnair

"Altéa is cutting-edge load control... it's been designed with load controllers in mind. Nobody has caught up with this yet..."

Nick Yeadon
Managing Director, Air Dispatch

33.7% reduction in unnecessary fuel burn.
Reducing costs and contributing to Finnair’s target of reducing overall CO₂ emissions per passenger seat by 41% between 1999 and 2017.

48.5% reduction in unnecessary fuel burn.

Vastly increased productivity
Load sheets can now be produced in just 5 clicks – allowing a hugely improved output of over 50 load sheets per controller shift.

Let's shape the future of travel
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