

A top-down view of an Airbus A330 MRTT aircraft. The aircraft is dark grey with green highlights outlining its wings, tail, and various fuselage components. The number '764' is visible on the nose. The background is a dark blue gradient.

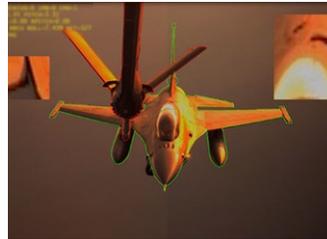
DEFENCE AND SPACE

A330 MRTT

Automatic Air to Air Refuelling

AIRBUS

A330 MRTT Automatic Air to Air Refuelling (A3R)



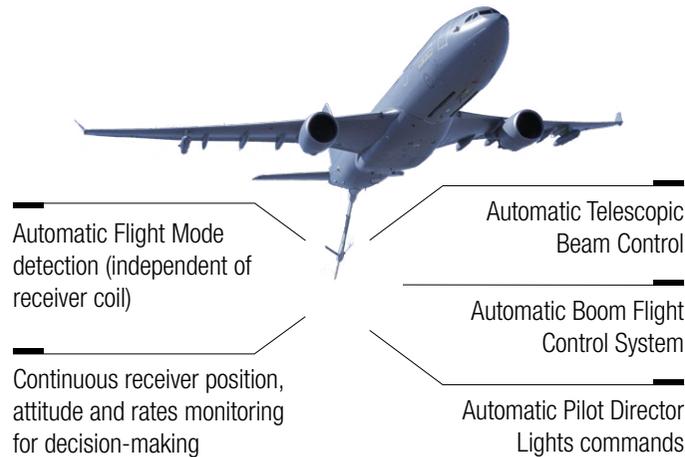
 **Reduces the risk** inherent to AAR operations
Reduces operator's workload

 **Maximizes operational efficiency.**
Increasing the accuracy of contacts

 Provides more information for a **better positioning of the receiver aircraft**

 **Reduces the time** required to achieve a contact

 Automatic AAR (A3R) **will enable the next steps** for A330 MRTT to perform **fully autonomous** operation (A4R)



Developed in collaboration with:



A330 MRTT The Benchmark

- **THE TANKER OF CHOICE**
 - Only combat proven new generation tanker
 - Over 90% market share (excl. US) in the last 10 years
 - The widest customer base with 15 nations
- **MORE OF EVERYTHING**
 - 111 tonnes of fuel
 - 300 passengers, 45 tonnes of cargo
 - True multi-role without reconfiguration and in the same mission
- **COMBAT PROVEN & INTEROPERABLE**
 - Fully interoperable with receivers worldwide
 - More than 300 000 flight hours
 - Mission success rate of over 98%

2016

Start of technology feasibility phase

2017

1st experimental automatic contact

2018

Development of new hardware and Concept of Operation

2019

Signature of first A3R contract

2020

First MRTT conversion with A3R capability

2021

Development completed

2022

Certification awarded. Entry Into Service