



Paris Air Show, June 2015

## MAXIMIZING FLEET OPERABILITY

*Our new support services and modernization projects are designed to keep military fleets in fighting trim and dispatch-ready, all as cost-effectively as possible.*

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### Top-flight renovations

We help our customers keep their aircraft in top condition through custom-tailored modernization and renovation projects. For example, working for the prime contractor Thales, we are modernizing about 50 Mirage 2000 fighters for India. We have also teamed up with government and industry partners to upgrade the mission system and sensors on the French navy's Atlantique maritime patrol aircraft.

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### Guaranteed results

Our "Rafale Care" maintenance contract saw two major changes in 2014: it added guaranteed results, in terms of spare parts availability at all Rafale bases, and extended warranty coverage to include consumable items. These items are now covered by a fixed-price by-the-hour contract, without any limits on quantity, concerning 23,000 different parts under Dassault Aviation's responsibility. The aim is of course to match armed forces' actual requirements as closely as possible. Bases now have Dassault Aviation personnel who supply spare parts, while Dassault Aviation advisors deliver parts and teams based at Saint-Cloud and Bordeaux in France analyze technical data to forecast demand and speed up the delivery of components and subassemblies. By analyzing feedback, we improve equipment and maintenance procedures. Rafale Care is the most complete example to date of outsourcing the supply chain for combat aircraft maintenance. And for our customers, it's a guarantee of receiving outstanding service at the right price.



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## 3D instruction

Aircraft dispatch reliability largely depends on the professionalism of mechanics and their ongoing training. We therefore teamed up with the French air force to develop a new 3D maintenance instruction system, dubbed Ramses, for “Rafale maintenance self-evaluation system”. It’s designed like a “serious game”. Featuring a hyper-realistic view of the aircraft and its environment, student mechanics can familiarize themselves with complex or dangerous maintenance procedures. They simulate repairs, and are graded according to how well they follow procedures. This new type of learning experience favors memory retention, and also ensures that the cumulated experience of maintenance staff is available for their colleagues and successors.

# 1,000

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