



PRESS RELEASE

16th June 2014

MBDA unveils its vision for the future of C2

Eurosatory 2104. Drawing on its unique air defence systems experience in Europe, MBDA is unveiling the future direction it is considering for Command and Control (C2) systems via an interactive demonstrator called MiC2 (MBDA innovative C2). Taking into consideration the threat evolution and ever increasing operational demands, MiC2 is aimed at improving the efficacy of air defence operators. In particular, it is aimed at easing their workload while at the same time allowing them to maximize the deployment and engagement characteristics of each kind of missile involved. To achieve this, MiC2 calls on the most recent advances in Man Machine Interface (MMI). Inspired by smartphones and tablets, its MMI is more intuitive and natural, whilst the introduction of technologies such as voice recognition and eye tracking provide fluidity and speed of execution for the operator.

"With the C2 systems that we are delivering today, there is a noticeable trend towards the growth in the number of sources of information, a trend that in all likelihood will increase over the years to come. These sources include active radars as well as passive or multi-static radars, video or infra-red panoramic view sensors, without forgetting tactical data networks such as Link 11 and Link 16," explains François Moussez, MBDA's Military Air Advisor. "At the same time, customers are increasingly looking for C2 systems that are capable of controlling several layers of air defence. And the rules of engagement are becoming much stricter. In having to manage ever more complex systems with extremely demanding target identification requirements, operators will see their workload increase. It is in thinking about tomorrow that we have decided to consider C2 ergonomics, maintaining the principle of placing of the operator at the centre of the activity and providing him with the information that he needs with a minimum of effort and in the minimum period of time".

"For MBDA, the MiC2 demonstrator is a tool which will allow us to explore and test the new man-machine interfaces during the carrying out of an air defence engagement with the customer. With MiC2, we can prepare our future product offer and continue to adhere more closely to the evolving operational needs of our customers while all the time bearing in mind the heavy and lasting pressure on manning levels," concludes François Moussez.

Note to editor

MBDA's air defence experience is unequalled both within its domestic countries as well as in the export market. With 70,000 surface to air missiles, more than 4,000 firing control posts and

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nearly 2,000 C2 units sold over the last 50 years, MBDA covers all aspects of the air defence spectrum from very short to long range.

With a significant presence in five European countries and within the USA, in 2013 MBDA achieved a turnover of 2.8 billion euros with an order book of 10.8 billion euros. With more than 90 armed forces customers in the world, MBDA is a world leader in missiles and missile systems.

MBDA is the only group capable of designing and producing missiles and missile systems that correspond to the full range of current and future operational needs of the three armed forces (land, sea and air). In total, the group offers a range of 45 missile systems and countermeasures products already in operational service and more than 15 others currently in development.

MBDA is jointly held by AIRBUS Group (37.5%), BAE SYSTEMS (37.5%), and FINMECCANICA (25%).

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