

Press Release

Airbus signs contract with Optus for OneSat

First satellite contract from leading operator Optus from Australia

Another success for OneSat, Airbus' new fully reconfigurable satellite, now totalling four orders

[@AirbusSpace](#) [@Optus](#) [#OneSat](#)

Sydney / Toulouse, 2nd July 2020 – Airbus Defence and Space has won a contract for a fully reconfigurable telecommunications satellite from Australia's second largest telecommunications company and leading satellite operator Optus. The satellite will be based on Airbus' new standard OneSat product line and is Airbus' first contract from the Australian operator.

Airbus will deliver an end-to-end solution, including design and manufacture of the Optus 11 spacecraft, as well as an advanced digital suite to manage the digital payload and operate the end-to-end satellite resources, providing Optus with a turnkey system and the ability to add hosted payloads such as SBAS.

What sets Optus 11 apart is its ability to adjust its coverage, capacity and frequency, through on board processing and active antennas with beam forming capability. It will deliver power and bandwidth dynamically to strengthen capacity and resilience of Optus fleet and enable Optus to configure and adapt the payload mission to end-user needs, taking advantage of the latest innovations in payload and resource management.

Optus 11 will deliver a combination of broadcast and broadband VHTS missions in Ku band over Australia and New Zealand, to improve Direct to Home broadcasting over the Australasia region, increase reach in the Antarctic and Pacific zones and support growth into mobile markets, helping eliminate connectivity black spots through the Australian Government's Mobile Black Spot programme.

Airbus' Head of Space Systems, Jean-Marc Nasr said: "We are grateful to Optus for their trust in Airbus in a region where we have ambitions to work with local industry to support space technology development in both the civil and defence sectors."

"OneSat is a truly disruptive product, both from a manufacturing, and operational point of view, and gives customers the flexibility they need to serve their markets. This contract from Australia's leading satellite operator, Optus, is a ringing endorsement that our R&D strategy in developing innovative products is the right one. OneSat's high flexibility, very compact design and accelerated production should see the satellite in orbit for Optus in 2023."

Airbus' 'ready-made' OneSat satellite builds on the company's heritage from its highly reliable Eurostar telecommunications satellites, which have clocked up more than 800 years of successful operation in orbit.

Press Release

This order further strengthens Airbus' leadership in new generation reconfigurable telecommunications satellites and enables Optus with the option to add additional spacecraft in the near future.

The investments made by Airbus and its partners in very innovative OneSat developments are supported by the European Space Agency and national agencies, in particular the UK and French space agencies.

* * *

About Airbus

Airbus is a global leader in aeronautics, space and related services. In 2019 it generated revenues of € 70 billion and employed a workforce of around 135,000. Airbus offers the most comprehensive range of passenger airliners. Airbus is also a European leader providing tanker, combat, transport and mission aircraft, as well as one of the world's leading space companies. In helicopters, Airbus provides the most efficient civil and military rotorcraft solutions worldwide.

Media contacts

Jeremy CLOSE
Ralph HEINRICH

jeremy.close@airbus.com
ralph.heinrich@airbus.com

+44 (0)7766 536 572
+49 (0)171 304 9751

This and other press releases and high resolution photos are available on: [AirbusMedia](#)