

Mobilicom selected for communications component in Tactical Robotics flying car technology

- Tactical Robotics' Cormorant is an innovative, compact, vertical take-off and landing, unmanned aerial vehicle (UAV)
- Mobilicom's MCU-30 was selected as the communications component for the Cormorant
- Successful mission representative demonstration recently completed

25 June 2018 – Mobilicom is pleased to announce it was recently selected as the communication component for Tactical Robotics Ltd's (TRL) unmanned Cormorant cargo and casualty evacuation drone.

TRL, a wholly-owned subsidiary of Urban Aeronautics Ltd (UA), was formed to focus on the development of unmanned aerial vehicle (UAV) configurations based on a license from UA for the unmanned military and homeland security markets. TRL has taken the lead in the development of the 'Cormorant' – an advanced and patented vertical take-off and landing (VTOL) UAV.

The Cormorant is a compact, single-engine aircraft that is innovative due to its minimal footprint, internal rotors and significant payload capacity that allows for the evacuation of two casualties at once as well as fast and flexible payload reconfiguration for other missions.

The Cormorant offers capabilities to first responders in routine, day-to-day operations as well as in the most challenging situations such as earthquakes, floods and nuclear, biological or chemical incidents. The ability to quickly deliver water, food and medical supplies directly to affected populations – no matter how challenging the terrain and accessibility – will save lives. The Cormorant will also be the platform for the flying car, CityHawk, that is being developed.

Tactical Robotics recently completed a successful first mission representative demonstration for one of its leading customers. The demonstration, a combination of cargo delivery and casualty evacuation, reflected Cormorant's unique dual-role capability as the only UAS recognised by NATO.

The ability to use Cormorant in other day-to-day missions such as inspection of electric grids and bridges, agricultural spraying and with offshore oil platforms, makes it a cost-effective addition to commercial helicopter fleets.

"We are proud to take part of this innovative flying car project", said Oren Elkayam, Mobilicom's CEO. "Mobilicom's Communication Units (MCUs) suit the Cormorant's missions perfectly with a compact design and a secured and encrypted private network."



<http://www.tactical-robotics.com/>

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About Mobilicom

Mobilicom is a high-tech company that designs, develops and markets solutions for mission critical and remote mobile private communication networks without the need for, or use of, any existing infrastructure. Mobilicom's products and technology are based on an innovative approach that merges 4G communication with Mobile MESH technologies into a unified solution, with a number of product families that have been commercially deployed. Mobilicom develops in-house and fully owns all assets for its unique technology and solutions, including: 4G modem, MESH networking, radios, HW & SW applications, among others. The technology is backed by its patent holding and know-how.

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