SAVING TIME SAVING LIVES

Medi-drones set for take-off

Drones are rapidly becoming an extraordinary tool in assisting our day-to-day. From delivering packages to providing traffic reports, they offer greater convenience and accessibility wherever we go, wherever we're located.

But what if drones could do more? So much more? What if, on top of making everyday living easier, drones could actually save lives?

Medi-drones are set to make this possible: to allow on-demand delivery of medical supplies to remote regions or areas where access to suitable aid is limited. These lifesaving drones have already made their mark around the world – from delivering medical supplies during the 2015 Haiti earthquake, to distributing vaccines in Rwanda.
Now, they are set to take off in Australia.

Benefits of Medi-drones

How medi-drones can increase patient survival rates:

SAFER
Dispatch of unmanned aircraft eliminates risks to pilots and operational crew.

GREATER ACCESSIBILITY AND DIVERSITY OF APPLICATIONS
Reaching isolated regions where other modes of transport can't.

CLEANER ENERGY
Lower emissions and reduced environmental footprint compared to manned transportation.

FASTER RESPONSE TIMES
Can be deployed from any location to get to the scene quicker.

REDUCES SPOILAGE
Improves pathology collection and distribution of precious cargo with short 'use-by' dates, e.g. blood, organs and biopsy samples.

QUADCOPTERS FOR DELIVERY OF URGENT BLOOD AND BIOPSY SAMPLES IN CROWDED CITIES

ORGAN TRANSFER VIA JET DRONES

FIRST RELIEF MEDICAL AFTER NATURAL DISASTER

ROADSIDE TRAUMA RELIEF USING SINGLE PASSENGER DRONES

LIFE-SAVING APPLICATIONS

BREAKING BARRIERS

Angel Drones

While the Australian medical profession works to address the rural-urban healthcare gap through various technological innovations, the ability to transport medical aid and supplies to rural and remote areas still proves to be a major logistical issue.

From September 2016, UASI will commence trials in the Northern Territory to deliver medical supplies to remote indigenous communities via Angel Drones. Australian designed and manufactured, the Angel Drone's speed, endurance, accuracy and agility could allow for the safe and timely transportation of blood, plasma and other urgent medical aid to remote communities.

UASI will be working in conjunction with medical service providers and certified operators to ensure Angel Drones are operated safely and in accordance with domestic and internationally recognised standards.

Passenger Drones

Operational simplicity enables these passenger drones to deliver medical professionals to areas that would otherwise be inaccessible by road or manned aircraft. Whether it's providing roadside trauma relief during peak hour or transporting supplies to natural disaster areas, passenger drones can deliver aid safely, promptly and cost-effectively – all at the touch of a button.

> *Australia has long been the lucky country but now it's time to become the 'Clever Country'. The Civil Aviation Safety Authority (CASA) was the world's first aviation regulator to certify drones for commercial use back in 2002. But already Australian drone technology has moved overseas in the absence of local support. Now is the time to encourage and promote innovation and technology so that Australia and its citizens can benefit from this exciting new aviation sector.*
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> **Ron Bartsch**, *Chairman – UAS International*

Making it possible: safely, securely and responsibly

UAS International is the leading worldwide authority for all Drone and UAS solutions. In response to the rapid growth and widespread accessibility of unmanned aircraft, UAS International – in consultation with the UAS industry, aviation safety regulators and the aviation insurance sector – has developed the UAS International Standard: the world's first universal standard for unmanned aircraft, to ensure the most stringent safety, security and privacy standards are applied.

Contact UAS International for more information

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