



RadComms 2022: 5G – the Fourth Industrial Revolution

Swoop Aero was founded to transform how the world moves by making access to the skies seamless.



Integrated Drone Logistics is society's new infrastructure

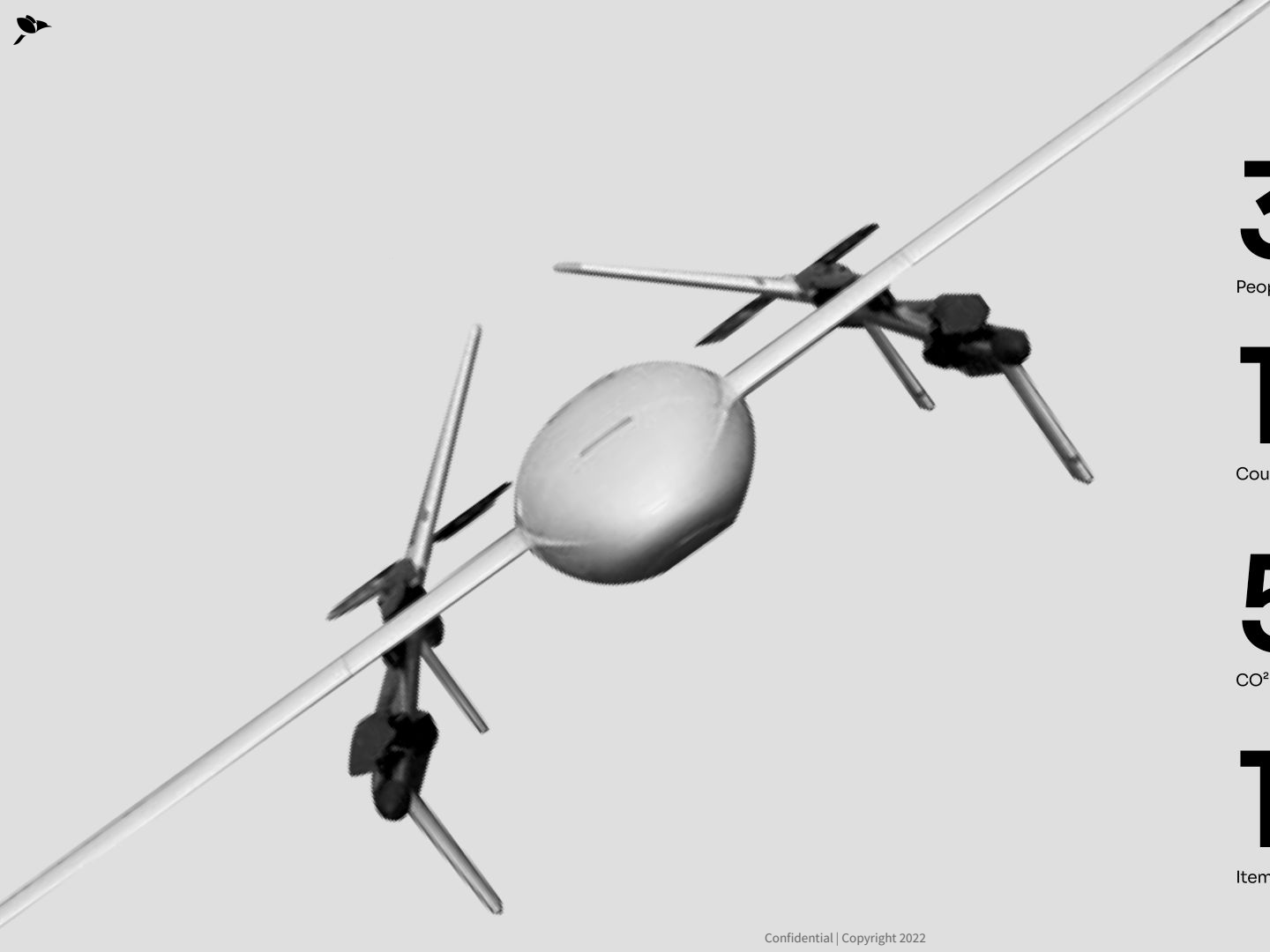
Integrated drone logistics bridges the gaps in society's infrastructure by overcoming vast distances, traffic congestion, location accessibility, inhospitable terrain, and data shortages — to realise the next giant leap in how essential supplies and services are delivered.

That's what we do at Swoop Aero.





Our goal is to provide an integrated logistics service reaching 100m people in 2025; then scale it to 1 billion people in 2030.



3.5m+

People served by active drone transport networks

14

Countries with aviation approvals

500t

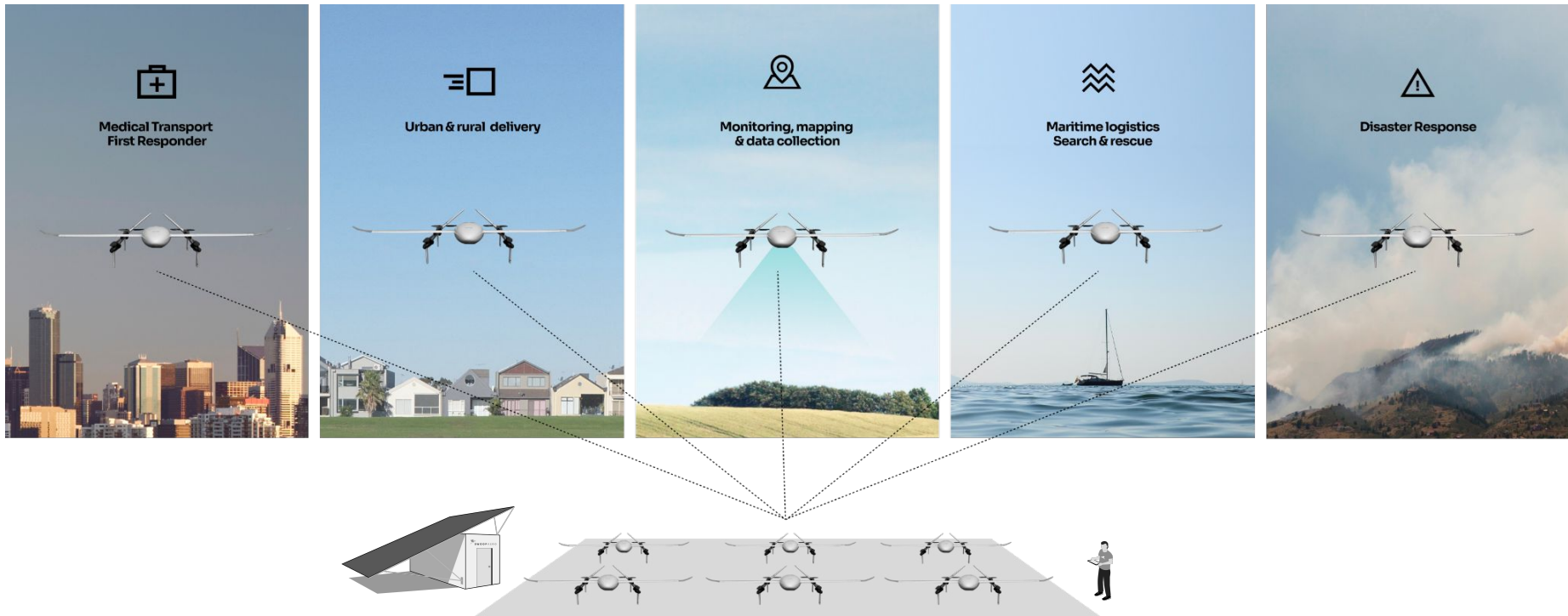
CO² emissions saved

1m+

Items delivered

How Swoop Aero delivers

Swoop Aero deploys a fleet of drones into a geographic area and operates them as part of an integrated network. The network delivers a range of services for the entire population, including medical transport, emergency management, disaster response, monitoring & mapping, search & rescue, and general delivery.





We're the only company in the world with experience in integrated drone logistics at scale.

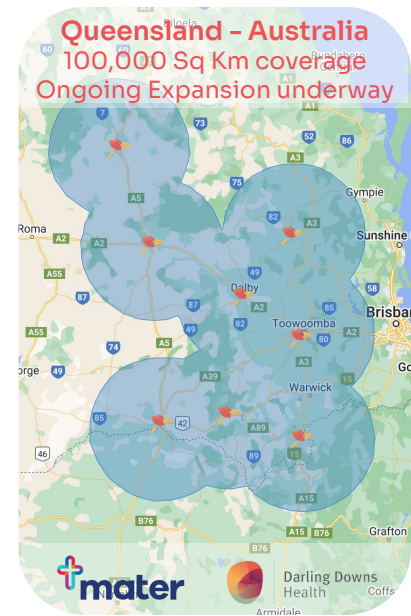
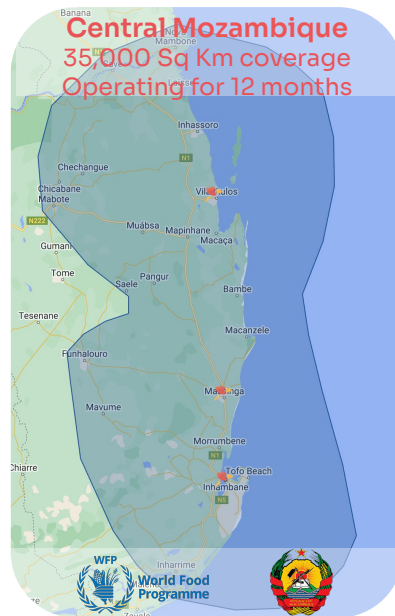
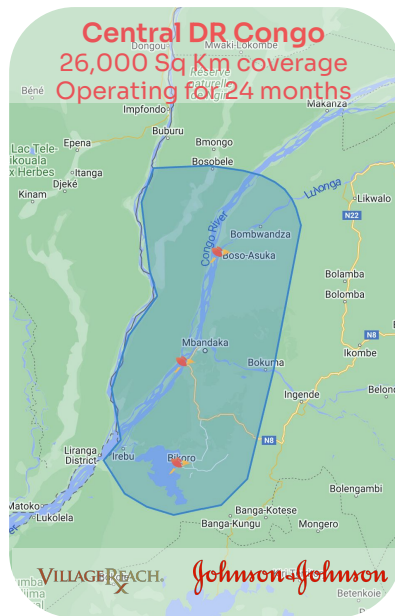
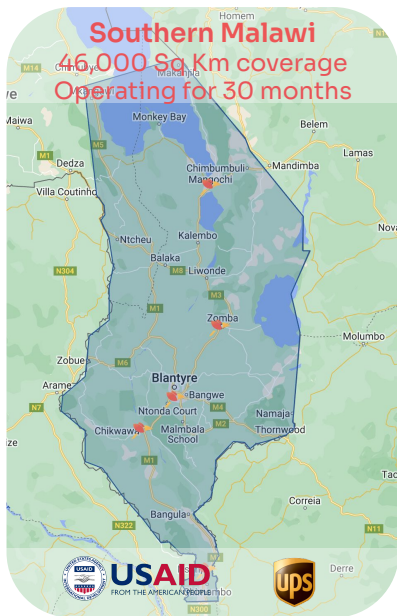
Over 1,200,000 items moved by drone, operating beyond visual line of sight in 14 countries. Our track record proves that we can operate sustainably at scale.

We're transforming how the world moves.



We are the world leaders at what we do

Operating commercially for over two years; our flagship integrated drone logistics networks are profitable from day one and scaling with new customers every day



14

Countries with
aviation approvals



600t

CO₂ emissions
saved



4.5M+

People served by active
drone transport networks



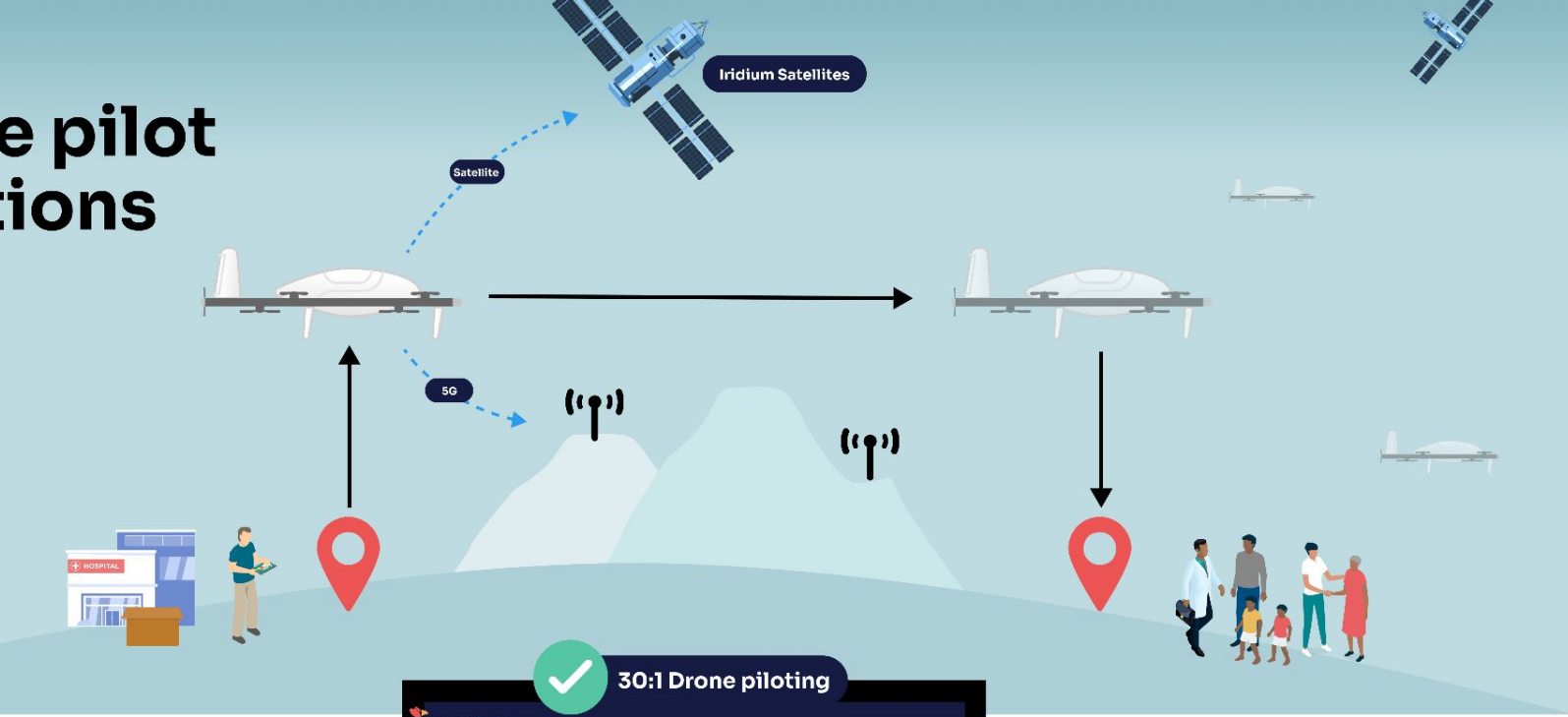
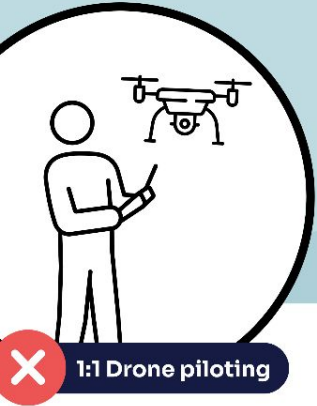
1M+

Individual items
delivered



Aircraft Communications

Remote pilot Operations



5G Positioning



GNSS



5G PRS

5G PRS



An opportunity to build for the future

Policy, industry and research will work together to build a harmonised ecosystem.

1

International Harmonisation

Many countries are introducing specific and unique requirements that significantly diverge

2

Reliance on Communications

Despite high levels of automation on board, persistent communications remain a key source of aviation regulator concern

3

Terrestrial Communication Coverage

The capacity for physically large countries to provide high levels of terrestrial coverage is low

4

Aviation Regulatory Certainty

As a nascent industry with evolving requirements, a lack of regulatory certainty inhibits innovation and investment.

Live coast monitoring



30:1 Drone piloting

Monitoring

On-beach

In HQ





Fly with us.



Andrew Thomas

Chief Architect



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