

NHS Drone Delivery Service

Merton Park Ward Residents Association



Croydon Health Services
NHS Trust



Kingston Hospital
NHS Foundation Trust

The partnership



An NHS partnership providing a highly dependable, clinically assured and cost-effective diagnostic pathology service



Caring for a population of four million people in South West London and North East Surrey across three main busy hospitals, with around 17,000 staff in hospitals and in the community



A British autonomous logistics startup founded by NHS doctors



A global drone operator with over 750,000 safe drone deliveries conducted worldwide

SWLP drone delivery trial

- Urgent pathology deliveries accelerated across sites in the SWLP network, including central labs and primary care
- Initial network supporting benefits analysis
 - Monday to Friday, 9am to 5pm
 - Up to 8 scheduled deliveries per day
- **Approved and overseen by the UK Civil Aviation Authority (CAA)**
 - Community outreach an essential regulatory step
 - No complaints received during operations in London
- **Proven, reliable, and safe** - over 750,000 safe flights in various urban environments and over a decade of experience

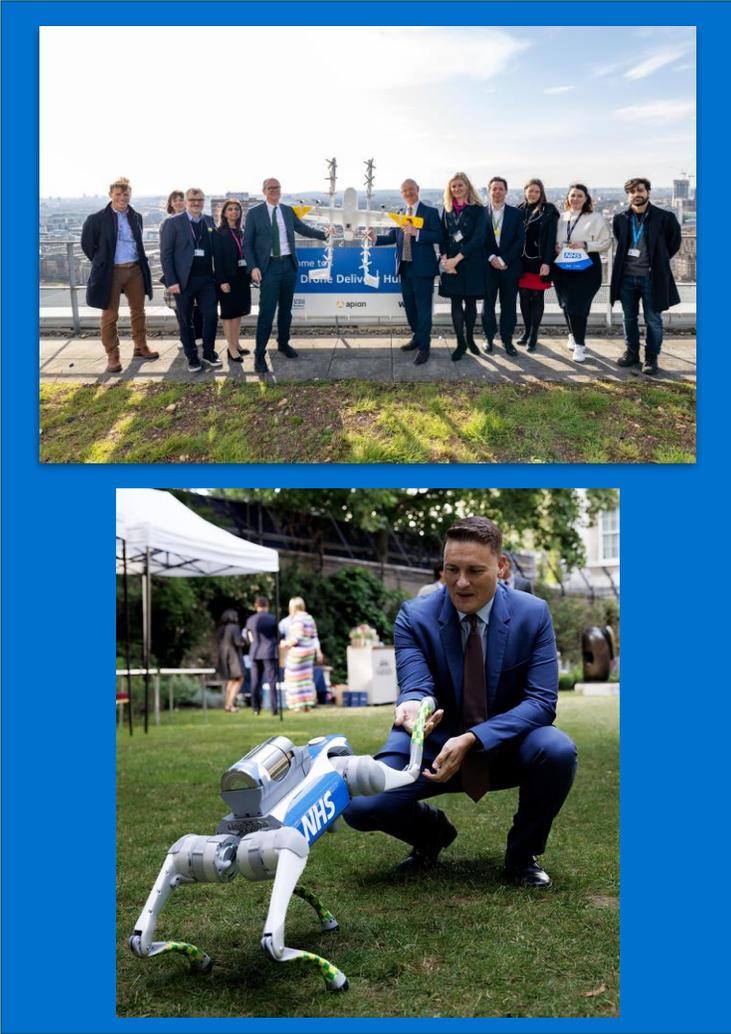


Benefits for the NHS and patients



- **Improved delivery speed and resilience**, allowing staff to do more with their time and improving patient outcomes
- **28% cheaper** on average than urgent ad hoc courier vans
- **98.4% less CO2 emissions** compared to traditional delivery vans
- **22x more energy efficient** than electric delivery vans
- **Enabling care closer to home** by providing low-cost, reliable logistics services for expanding community services

Enabling NHS reform



UK Government

NHS

FIT FOR THE FUTURE

10 Year Health Plan for England

CP 1350 July 2025

The cover features a glowing blue DNA double helix structure against a dark background.

08

Powering transformation

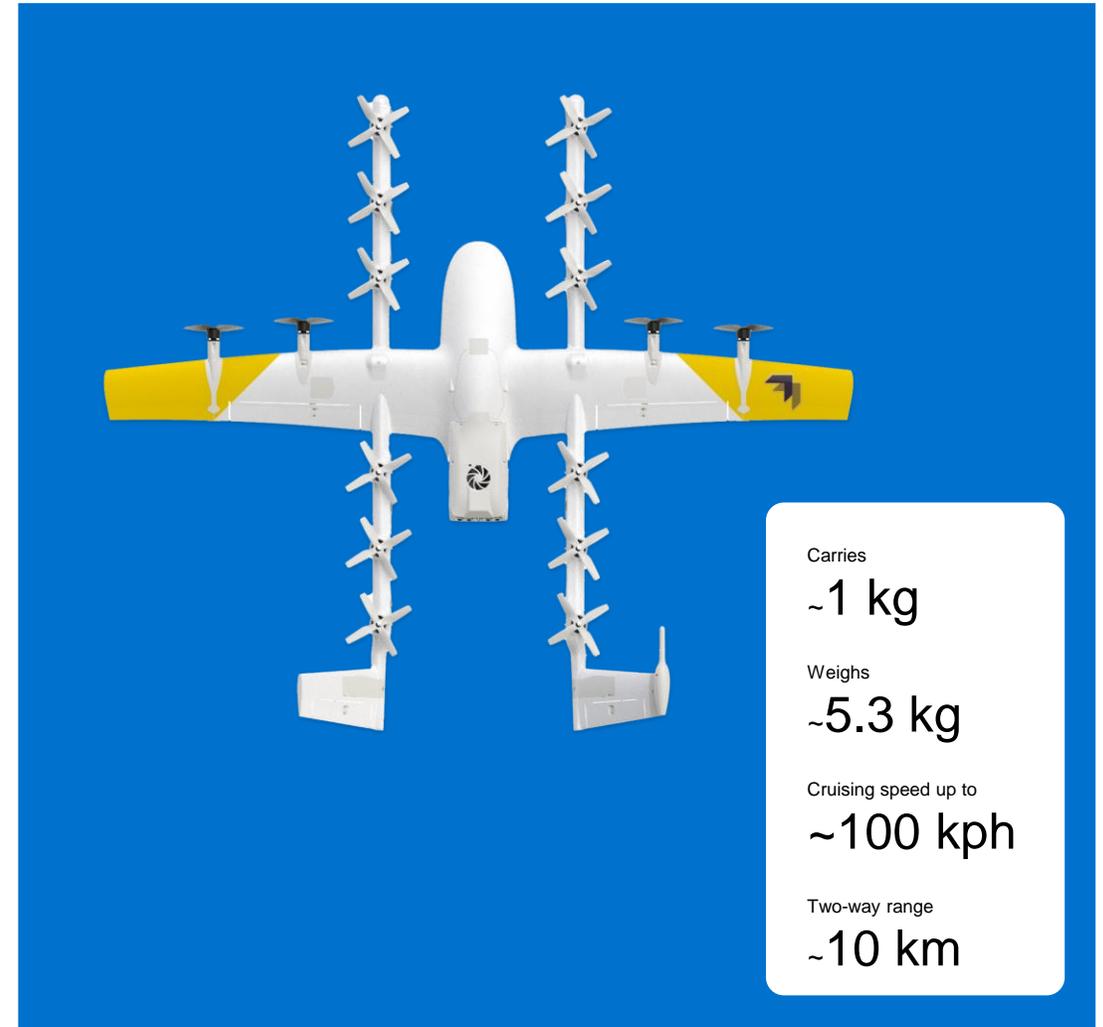
Innovation to drive healthcare reform

111

The slide features a white drone flying in a clear blue sky. The text is overlaid on a dark blue background with light blue bokeh effects.

A proven, trusted aircraft for deliveries

- Wing's lightweight aircraft feature both fixed wings and hover propellers to transition between airplane and helicopter-like functions
- We use a winch system to gently lower packages to the ground, specifically designed to keep fragile items, like eggs and coffee, steady and spill-free
- The combination of the two flight modes and the winch allows the aircraft to fly long distances at high speeds, and then hover to precisely pick up and deliver packages



The next phase in London's NHS drone delivery network



Thank you for shaping the future of NHS community services!

**Questions?
Feedback?**

Learn more at www.apian.health/swlp-stg
or contact us at community@apian.health

