



AVERCON

Avercon & Helicus enable fully automated medical drone logistics

SIMATIC
PLC &
PROFINET

Industrial IoT
and data
integration

SIA project

Customer Challenge

- Hospitals and medical labs face logistical bottlenecks in transporting time-critical items like blood samples between facilities - especially where traffic delays and limited transport options can slow down diagnostics and patient care. Manual transport also increases costs, emissions, and turnaround time.

Solution

- Avercon supported the development of a **fully automated Drone Cargo Port (DCP)** in collaboration with Helicus and Siemens. This system enables **automated drone handling and medical cargo transport**, using industrial automation and integration to accept, process and dispatch blood samples via drone in a continuous workflow from rooftop landing to internal lab delivery.

Customer benefit

- **Faster medical logistics:** Critical samples are delivered by drone in record time, bypassing road traffic and accelerating diagnostics.
- **Increased efficiency & reliability:** Automated drone handling and integration with lab systems reduce manual transfer steps and errors.
- **Sustainability impact:** Reduced ground transport lowers emissions and helps hospitals meet environmental goals

SIEMENS