Do IoT Fieldlab
Innovation in Internet of Things

ROBOTICS

Do IoT Fieldlab office

The Do IoT Fieldlab office is a testing environment for smaller robots, sensors and IoT devices in a real office and human setting. Private connectivity infrastructure, satellite connectivity and the expertise of Do IoT Fieldlab, RoboHouse and Mondai come together in one building, so you can test how your technology performs alongside people before you scale.

3750 MHz
5G SA, band n78

50 MHz
bandwidth, TDD

Starlink
satellite on site

3 labs
Do IoT, RoboHouse, Mondai

Network specifications

Parameter	Specification
Environment	Office building with labs, people and everyday obstacles
Technology	5G Standalone, TDD, indoor, plus Starlink satellite
Licensed frequency	3725 to 3775 MHz (band n78, centre 3750 MHz)
Radio	Indoor 5G radios, 3 dBW e.i.r.p. output power; Starlink terminal on site
Compute	On-premise compute in the building
Programme	Robotics test environment of Do IoT Fieldlab, RoboHouse and Mondai

Typical use cases

Service and mobile robots	Smart building sensors	Physical AI on the edge
Indoor positioning	Satellite fallback	Human-robot interaction