Introduction

• 3-year-old startup from Silicon valley
• We aim to make 5G private networks as simple to deploy and use as a home Wi-Fi network
• Achieve mass adoption of 5G private networks
• Enable applications and sell the use case
Why 5-Fi? Why OAI?

**Cost**
- Open-source
- Lightweight stack => less demand on hardware
- Mix and match (interoperability)

**Ease of deployment and use**
- Works out of the box
- No 3GPP expertise needed to deploy and maintain the network

**Cloud/API**
- Cloud-native
- Containerized
- API enabled
- End-to-End 5G System
The Product: Drone Video Applications

- A high-quality video stream for drones enabled by the 5-Fi private network.

- Complete solution in one portable package, including:
  - AI-based machine vision application,
  - 5G-enabled drones, access points, and core

**Agriculture**
- Selective fertilizer/pesticide spray
- Selective harvest identification

**Inspection of large infrastructure**
- Inspection of dams, skyscrapers and other large infrastructure
- High-quality video to reduce time

**Military/Disaster management applications**
- First responder network during a disaster
- Locate assets from distance
Stop by

- A 5G UE mimicking a drone transfers video over 5G
- An AI-based machine vision application differentiating various kinds of grapevine leaves
THANK YOU

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