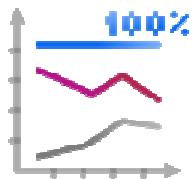


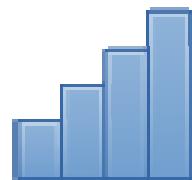
RADIO-AS-A-SERVICE (RAAS)



A revolutionary virtualization approach to cellular deployments



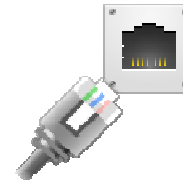
Up to 70% TCO reduction compared to C-RAN, DAS, and traditional deployments.



Centralized interference management (CoMP, massive MIMO) **improves throughput by up to 60%**.



Enhanced mobility for seamless handovers in indoor dense heterogeneous networks.



A patented fronthaul protocol that works with any **IP links**, regardless of latency and throughput.



Cheap MIMO **RaaS Remote Units™** are easy to deploy wherever an IP connection is available.

RADIO-AS-A-SERVICE (RAAS)



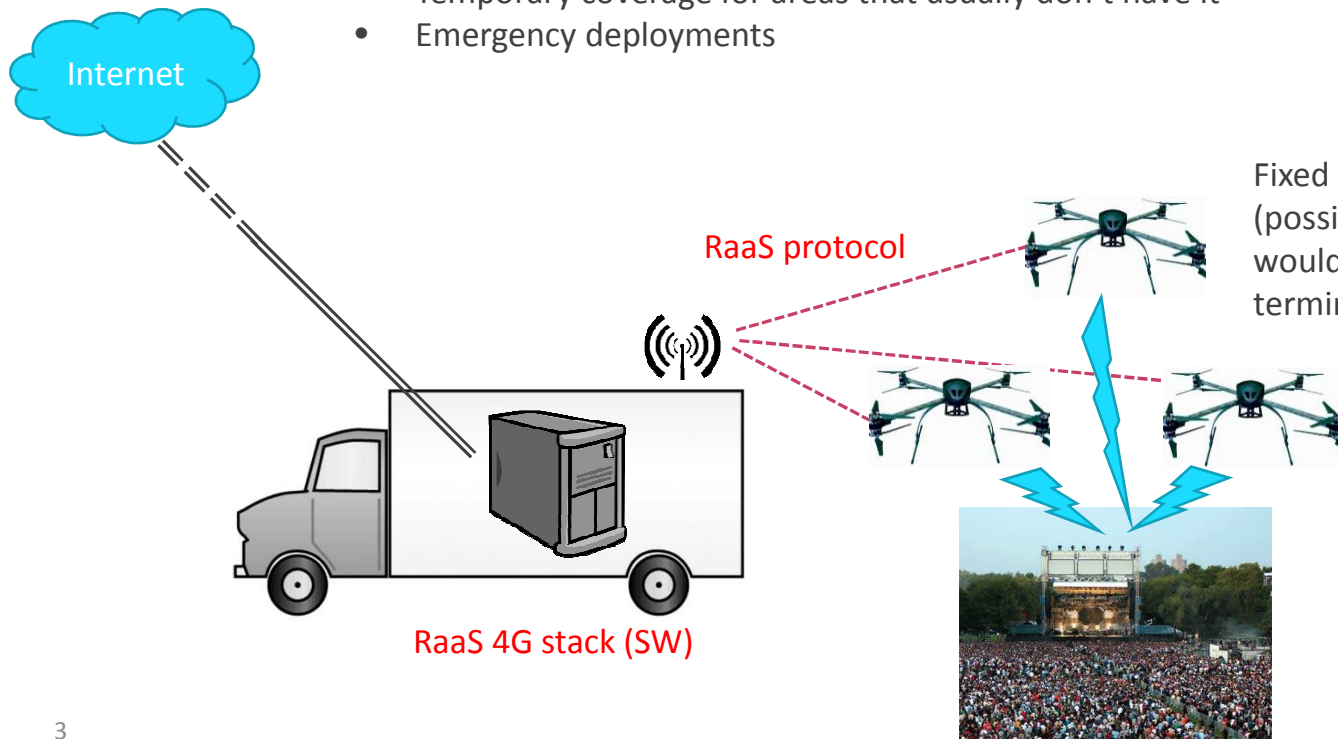
Replace 4G base stations with **software** instances running on **x86** or **ARM** general purpose CPUs

- Deploying 4G cellular networks becomes **cheaper and faster**
- Our centralized SW stack coordinates multiple remote units for **improved user experience** and network coordination (including operations in **unlicensed spectrum**)
- The remote units can connect to the cloud, e.g., Amazon Web Services, over **Ethernet or WiFi** (competitors require on premise servers and/or fiber-grade links)

NON-TRADITIONAL USE CASES



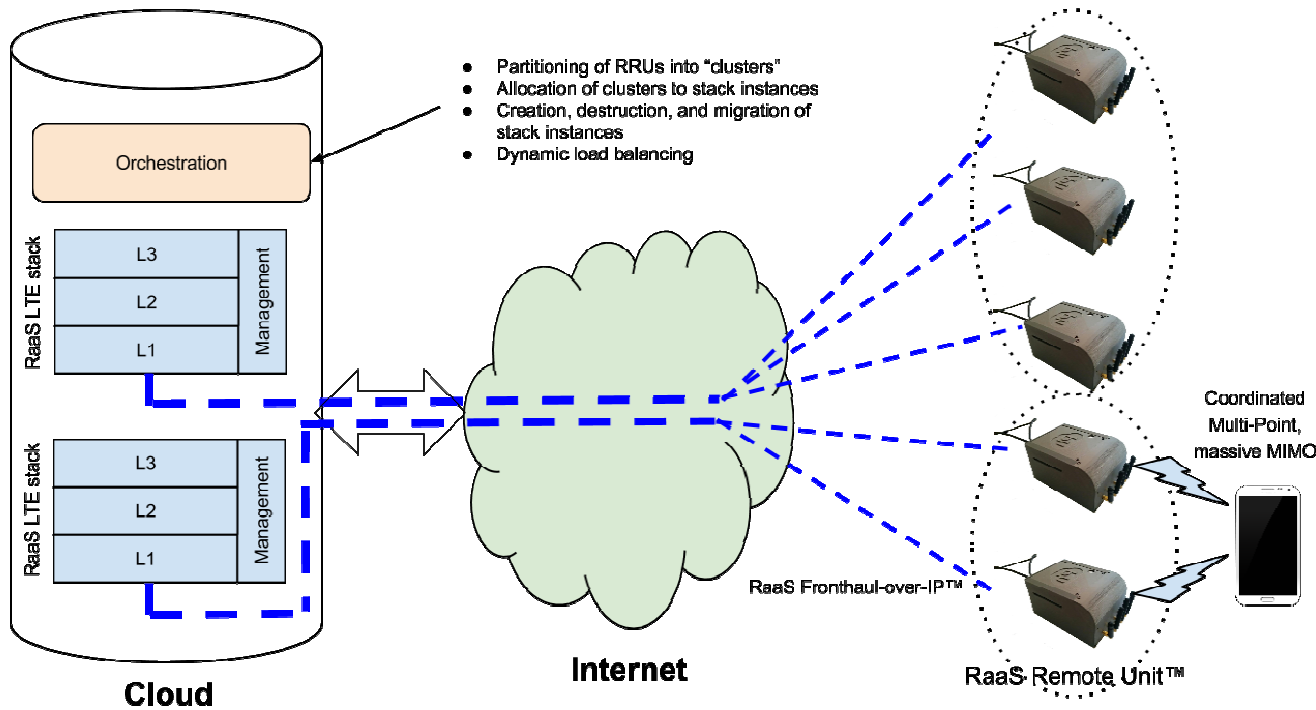
- Areas with sudden increase in mobile traffic (events)
- Temporary coverage for areas that usually don't have it
- Emergency deployments



Fixed units (RaaS RUs) or even drones (possibly moving, as with RaaS this would be transparent to mobile terminals)

Coordination improves user experience and eliminates the need for planning (which wouldn't be feasible with temporary deployments that need to be set up quickly and cheaply)

LIVE RAAS DEMO NETWORK



- RaaS demo network in San Diego
- Runs on an AWS instance
- Controls two fully loaded RRUs, hundreds of miles away, using less than 10% of the CPUs and 5% of the memory
- Uses in-building Ethernet for last mile

TEAM

Executive Team



Alan Barbieri
CEO



Dario Fertonani,
CTO



Upkar Dhaliwal,
Strategy and BD

2 PhD degrees
20+ years experience in telecom industry
60+ patents co-authored
Proven leadership and technical skills

Board of Advisors



Bo Hedfors



William Eigner



Ken Potashner



Mark Ollila

Extensive business and legal experience

Expertise include business development, marketing, fundraising, M&A, and intellectual property



CONTACTS



Several cellular operators around the world expressed interest in RaaS

Contact us for more information or to schedule a private showcase of the **RaaS demo network** in San Diego

- info@phluido.net
- Come and meet us at CES, Telecom Council NFV meet 2/2, MWC!