



M-CORD and Mobile Edge Computing

Enabling Enterprise & rural/remote services

CORD Summit, July 2016

www.quortus.com



Quortus and Mobile Edge Computing



What is MEC?

- Computing platform and applications close to cellular radios.
- Bringing service enablement to the network edge

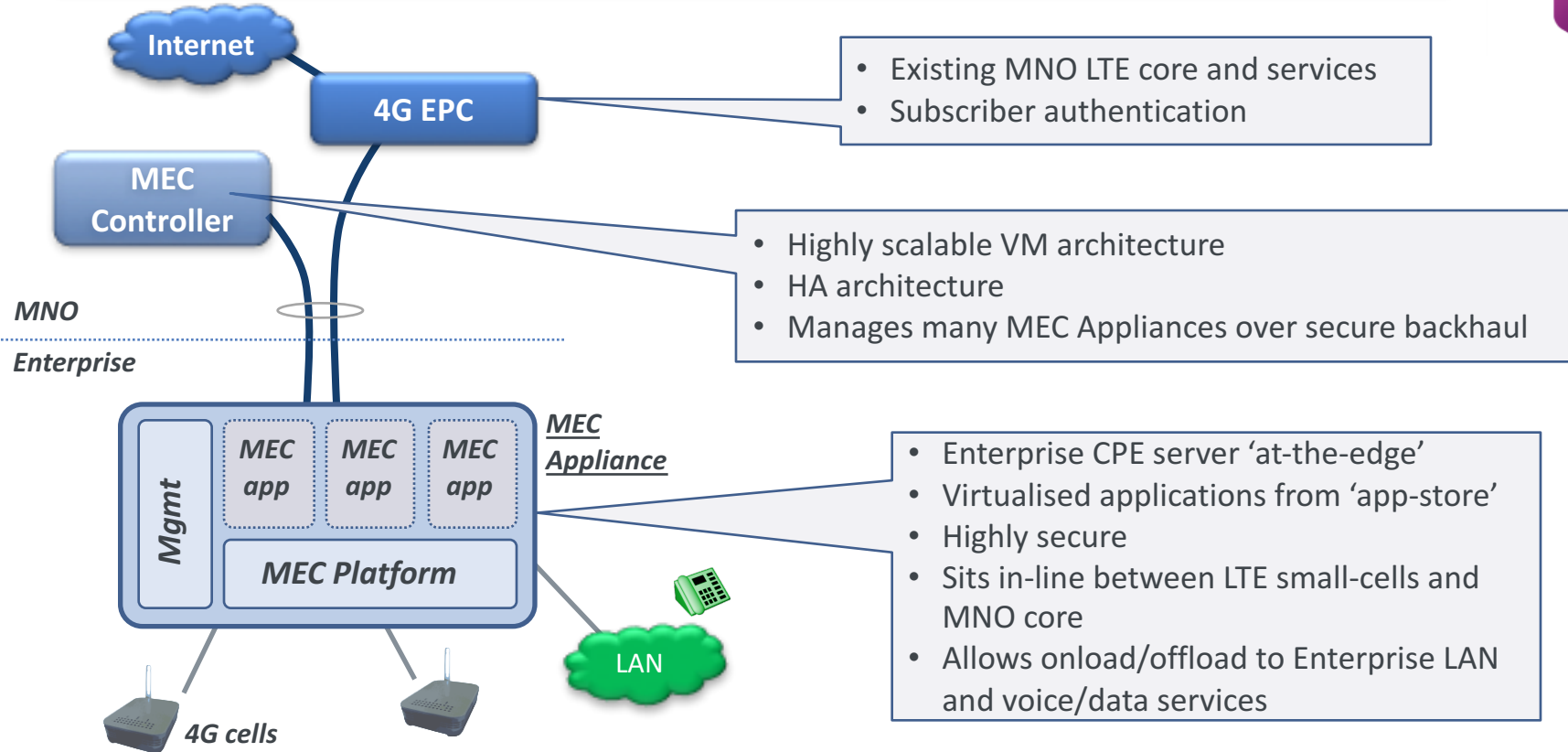
Quortus solution for MEC: Enterprise

- Disaggregated EPC core: split user/control plane, SDN/5G aligned.
- Driving standardisation in ETSI MEC ISG. PoC with Argela on dynamic QoS.
- Based on award-winning EdgeCentrix technology

Supports open architecture – scales up and down

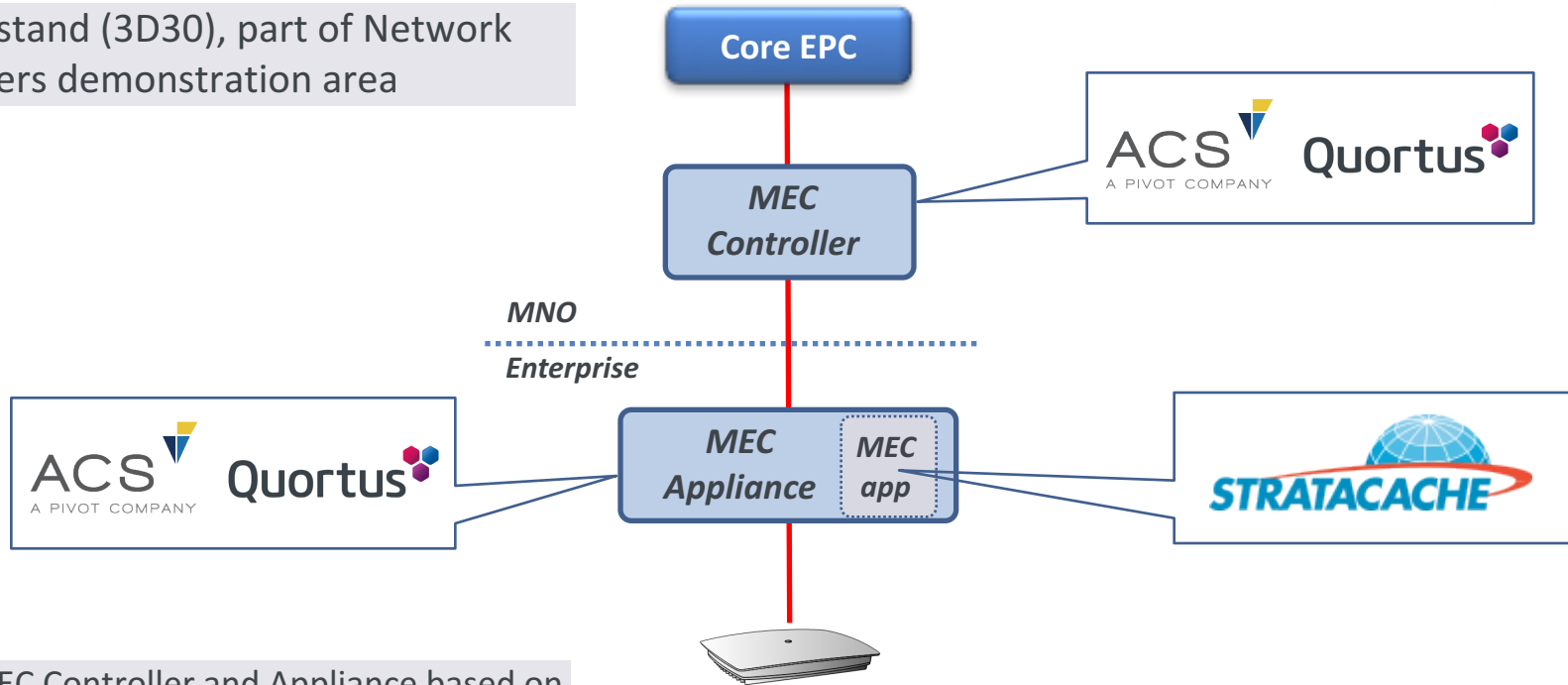
- Small footprint software: Ideal for embedded use at remote radio sites.

Quortus MEC solution architecture



Live MEC demo at MWC: Architecture

Intel stand (3D30), part of Network Builders demonstration area



✓ MEC Controller and Appliance based on Intel hardware and NFV framework

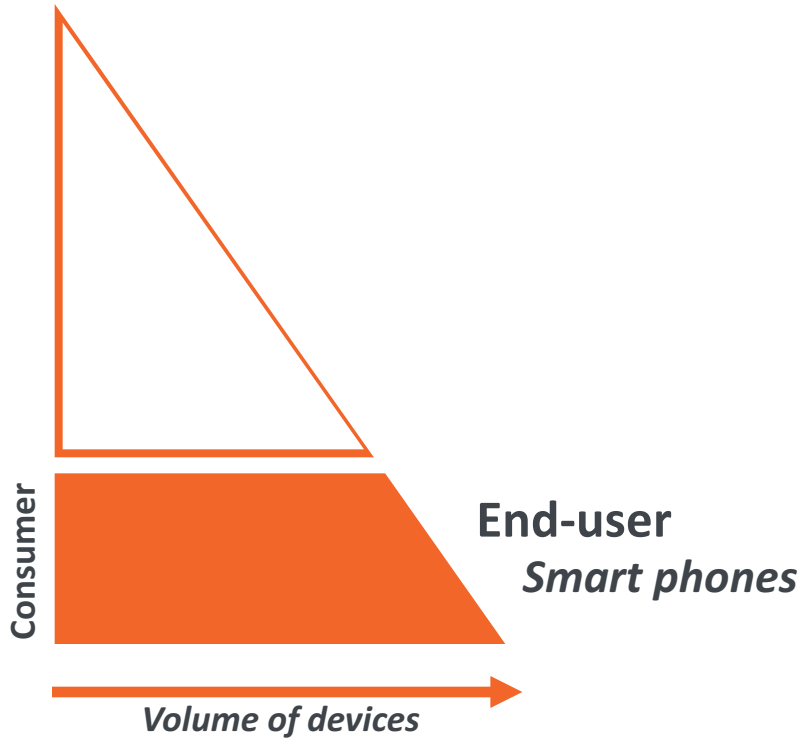
MEC capabilities demo'd at MWC



Presence	Digital signage, eg advert, changes dynamically when particular UEs shows up
FMC	Short code dialing between UE and Enterprise PBX
Video	Streaming and control from local content delivery server
OAM	MEC Controller management UI
Local breakout	From UE to Enterprise 'app' running on MEC Appliance
IOT	Local UE to UE communications (video camera to viewer)
Analytics	MEC Appliance hosted edge network analysis
DNS interception	Performed at the edge

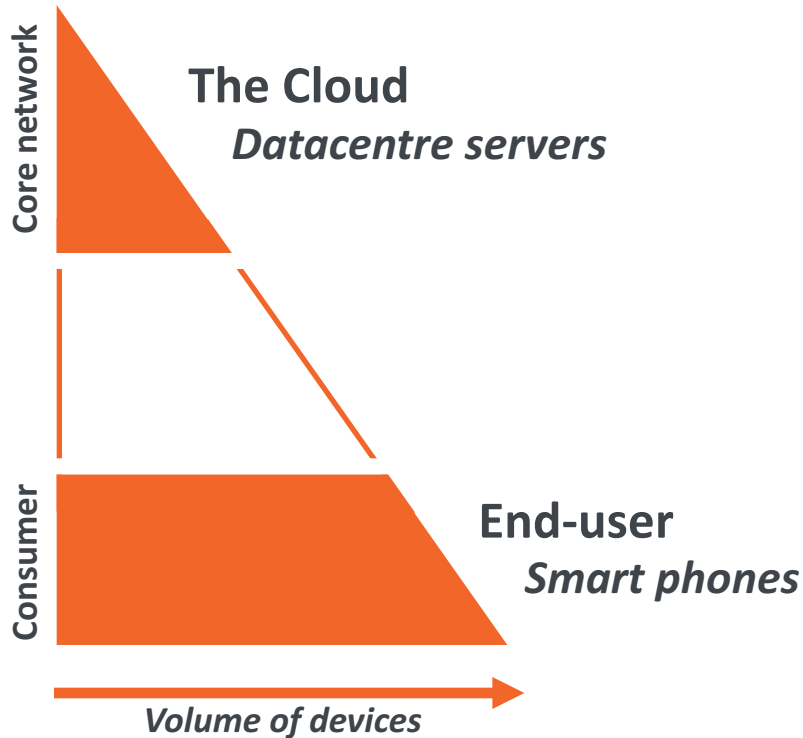


Where MEC fits in virtualised app hierarchy



- Apple App-store
- Google Market-place
- User-centric

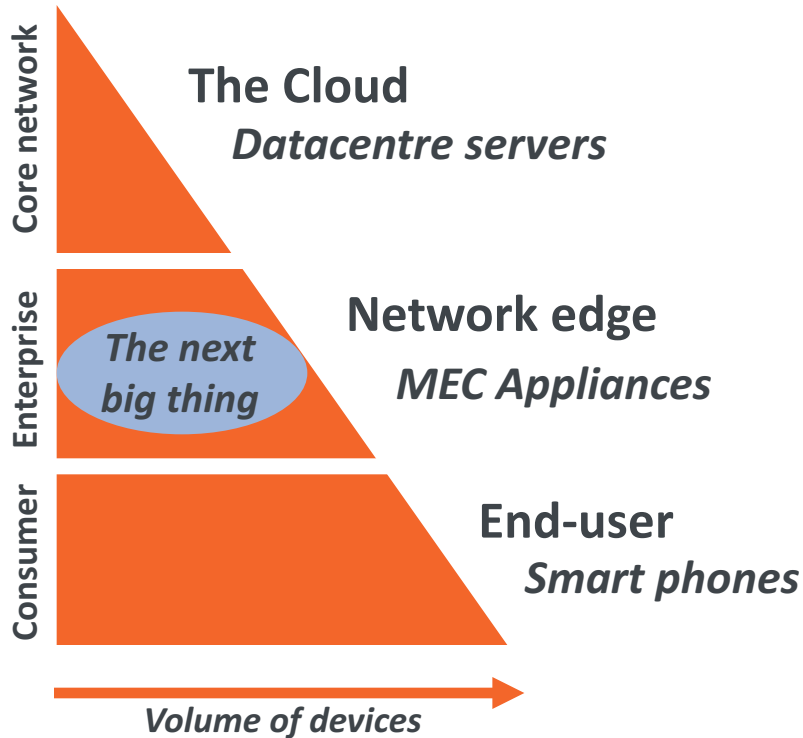
Where MEC fits in virtualised app hierarchy



- Large scale, high throughput apps
- Storage, media streaming, big data
- Global reach

- Apple App-store
- Google Market-place
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Where MEC fits in virtualised app hierarchy



- Large scale, high throughput apps
- Storage, media streaming, big data
- Global reach

- MEC applications and services
- Voice, data, positioning, media
- Community-centric (network edge)

- Apple App-store
- Google Market-place
- User-centric



Thank you