



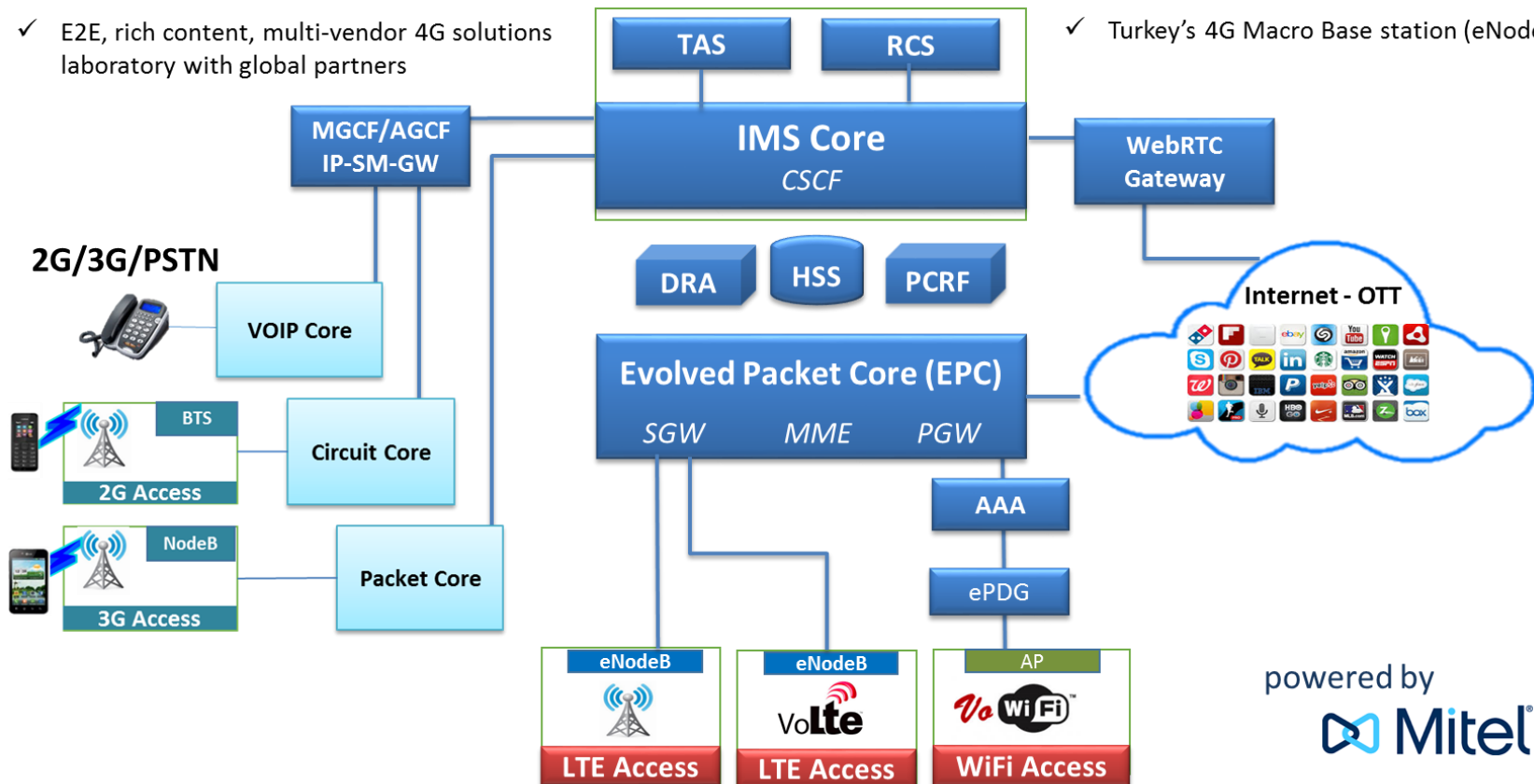
**NETAS**

## **5G Capabilities and Projects**

# NETAŞ LTE Laboratory

- ✓ E2E, rich content, multi-vendor 4G solutions laboratory with global partners

- ✓ Turkey's 4G Macro Base station (eNodeB)



powered by  
**Mitel**

[illegible]

- Hyperconnectivity beyond distinct systems
- Enables common M2M services
- Value added services across ecosystems

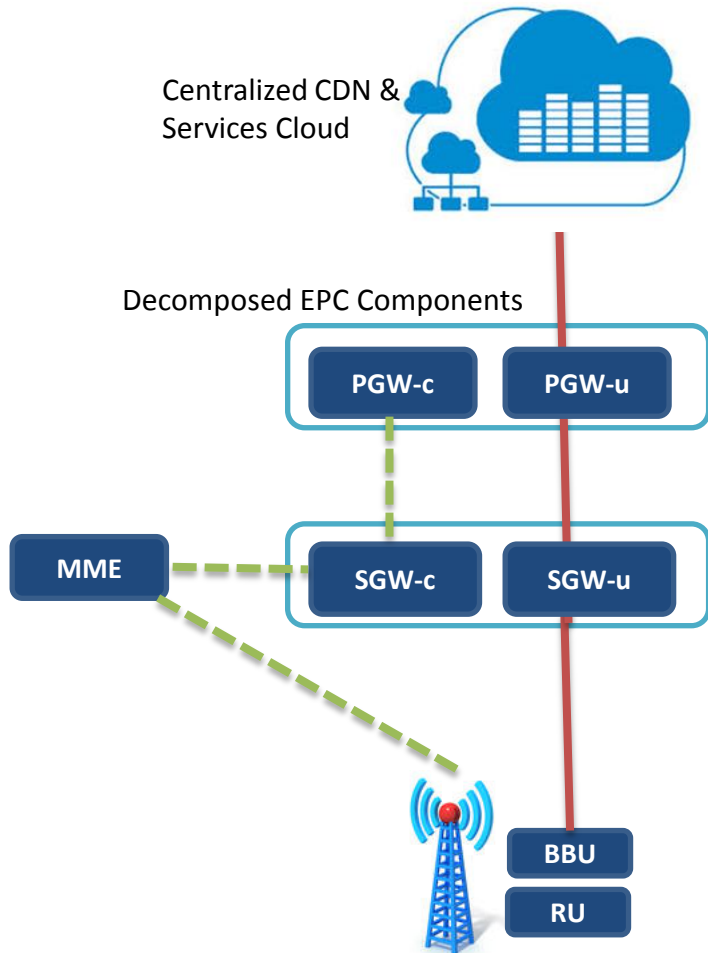
- Edge platform for mobile data processing
- QoS and QoE optimization
- Network slicing

- Virtualized EPC functions
- Decomposed control and user planes
- GTP Open Flow for user plane control

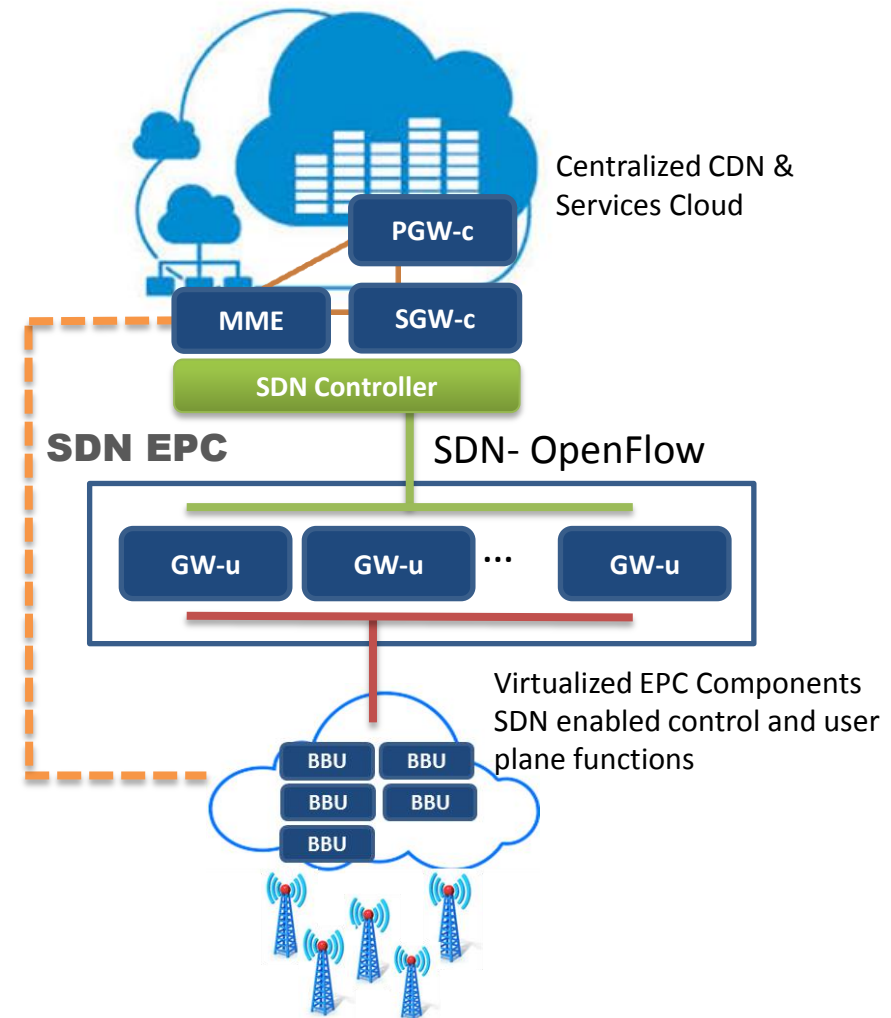
NETAS 45. YIL

# Virtualized SDN EPC Model

4G

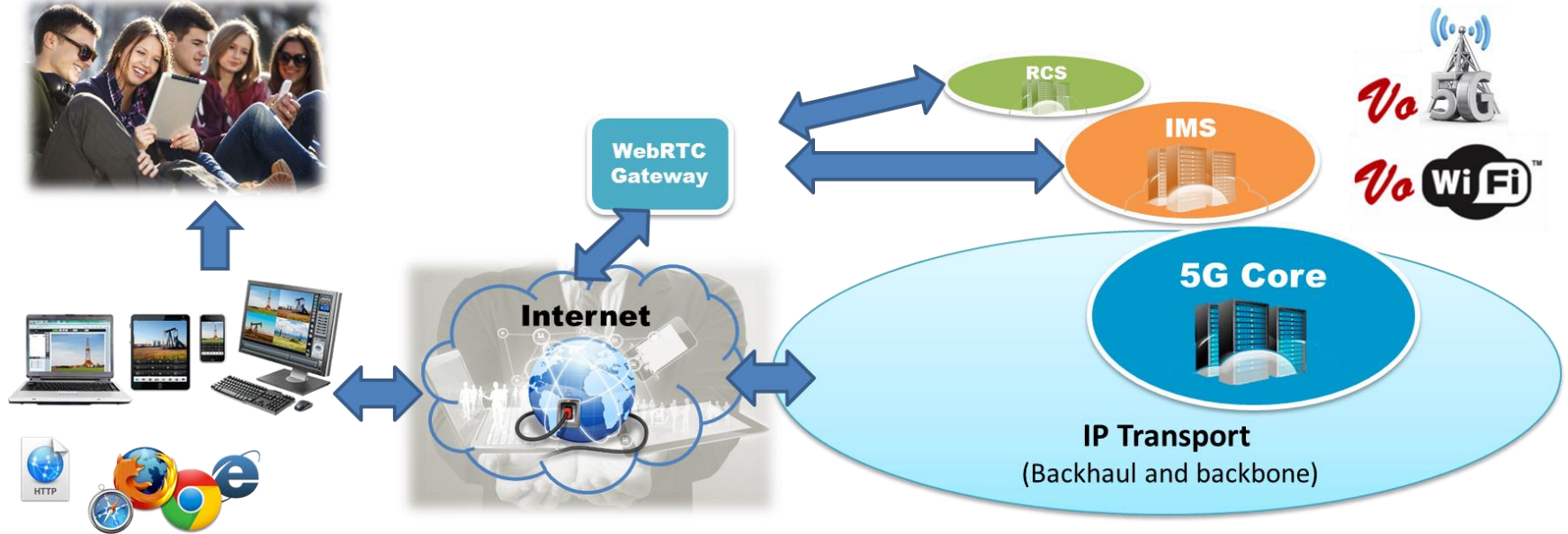


5G



5G SDN EPC :  
Programmable, flexible and scalable control & Data planes

# WebRTC-enabled 5G Networks



WebRTC serves to fulfill the «anywhere, any-time, any-device» goal of future 5G services by providing a ubiquitous, device-independent access to 5G – **WebRTC will turn any web-capable device into a 5G terminal**

There will be **6 billion WebRTC devices** and **2 billion individual users** by 2019

# NETAS Contacts

Ufuk Gulpinar

[ucetinka@netas.com.tr](mailto:ucetinka@netas.com.tr)

Yunus Donmez

[ydonmez@netas.com.tr](mailto:ydonmez@netas.com.tr)

THANK YOU