

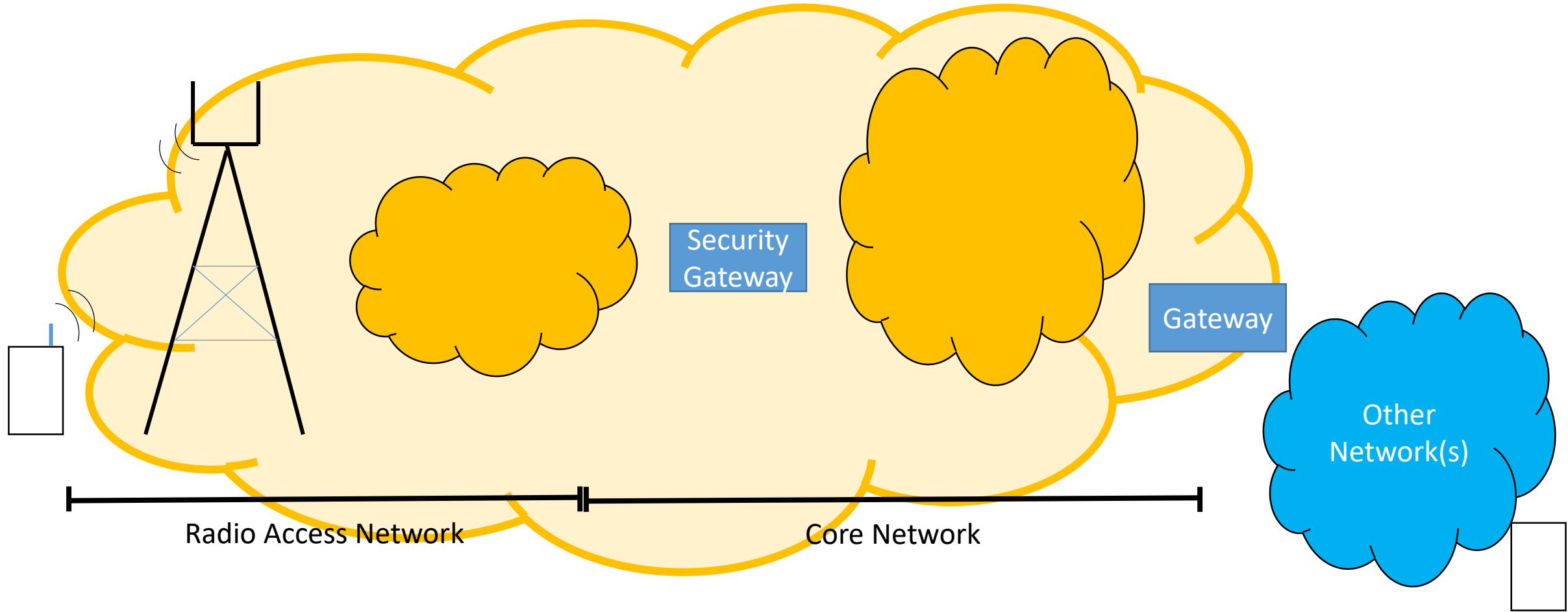
# 5G Debate from a Technical Perspective

Alf Zugenmaier

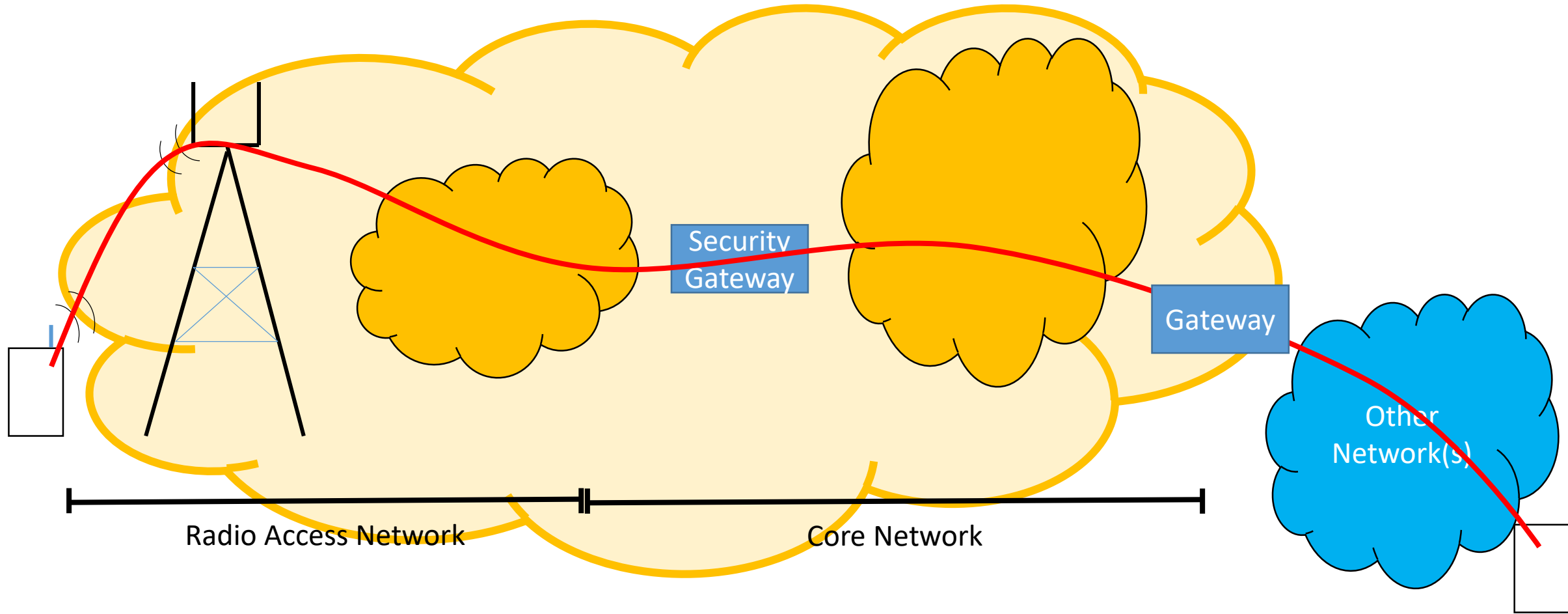
Munich University of Applied Sciences

18.2.2019

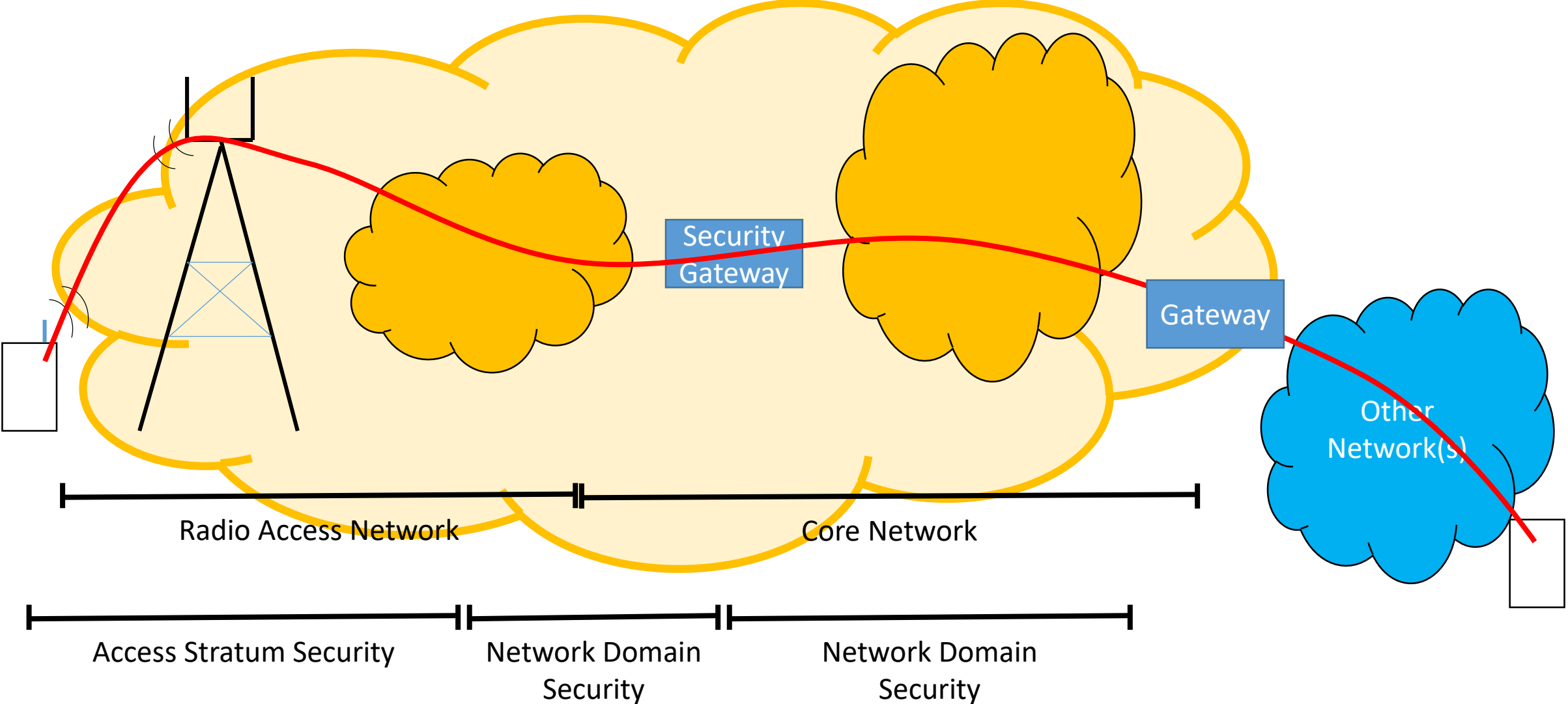
# Mobile Network Architecture in a Nutshell



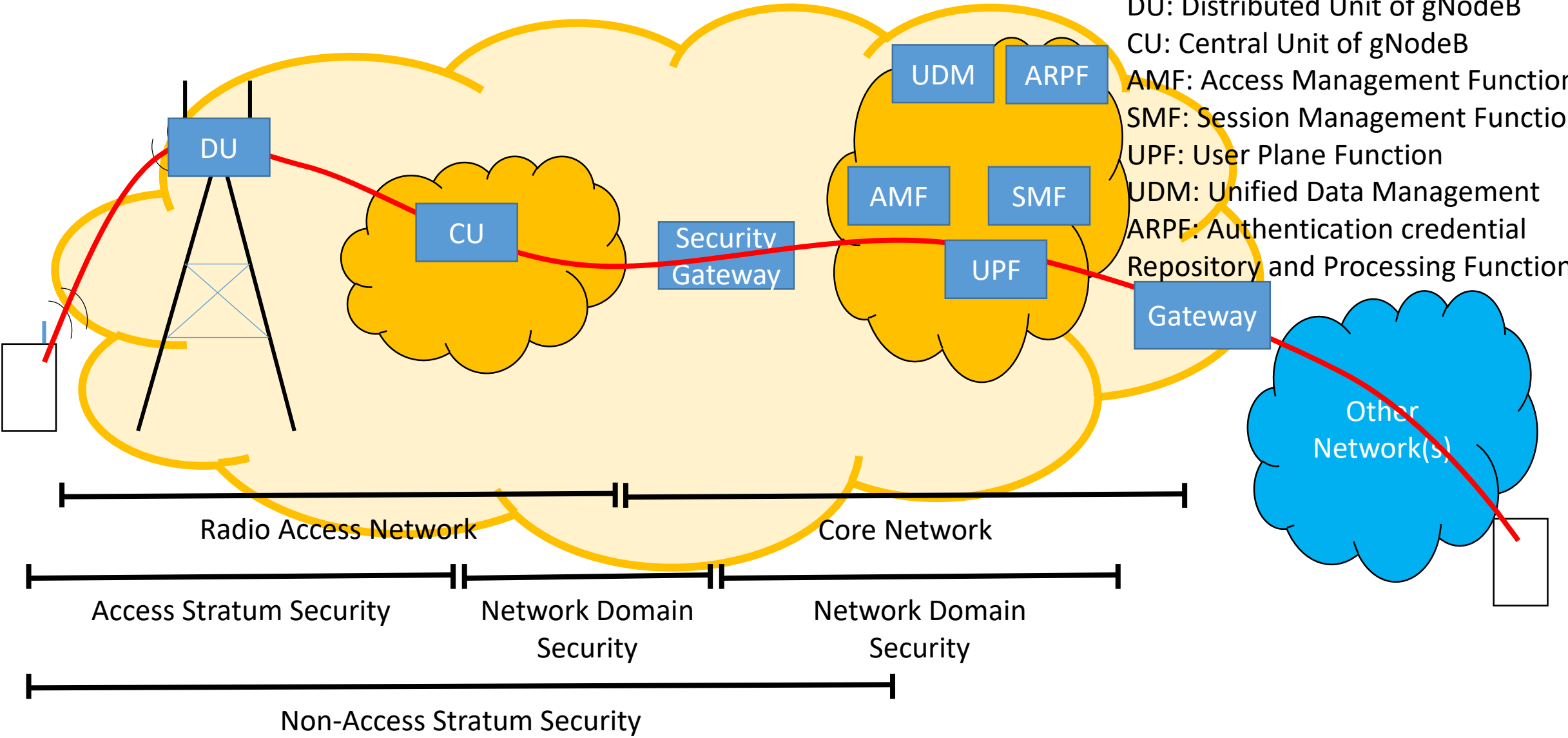
# Mobile Network Architecture in a Nutshell



# Mobile Network Architecture in a Nutshell



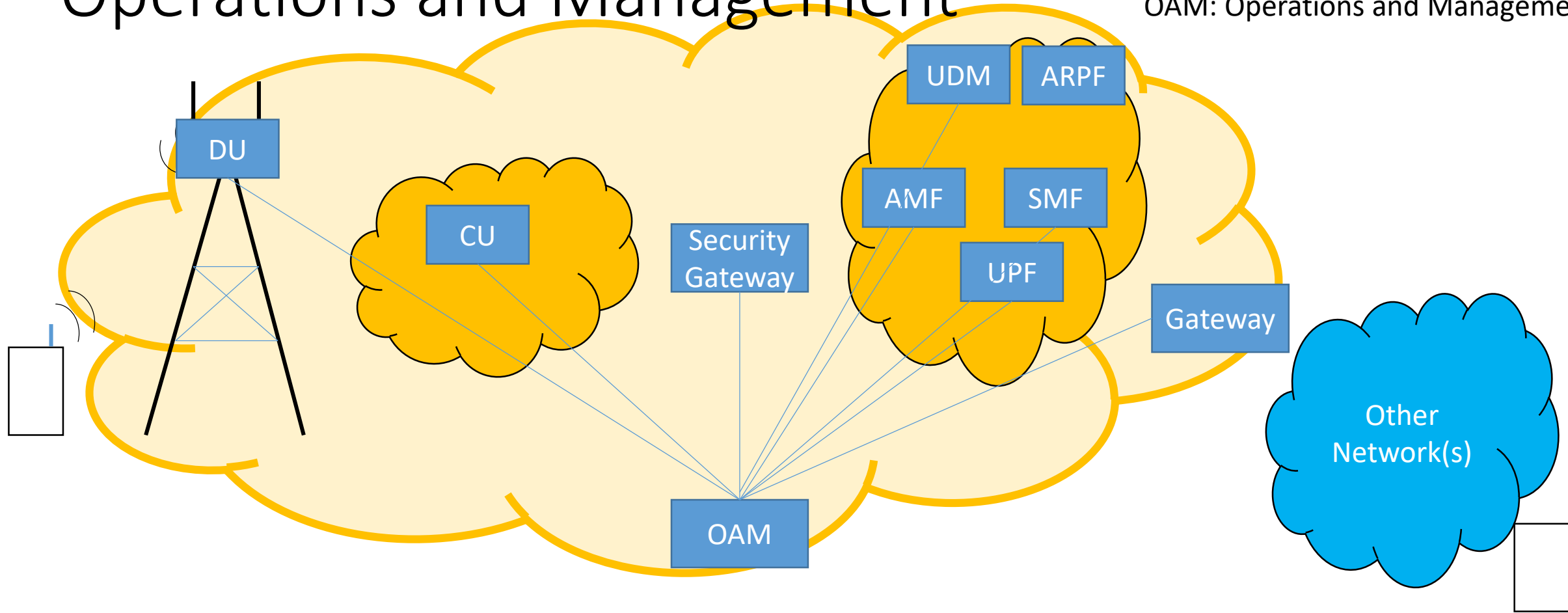
# Mobile Network Architecture in a Nutshell



# Mobile Network Architecture in a Nutshell

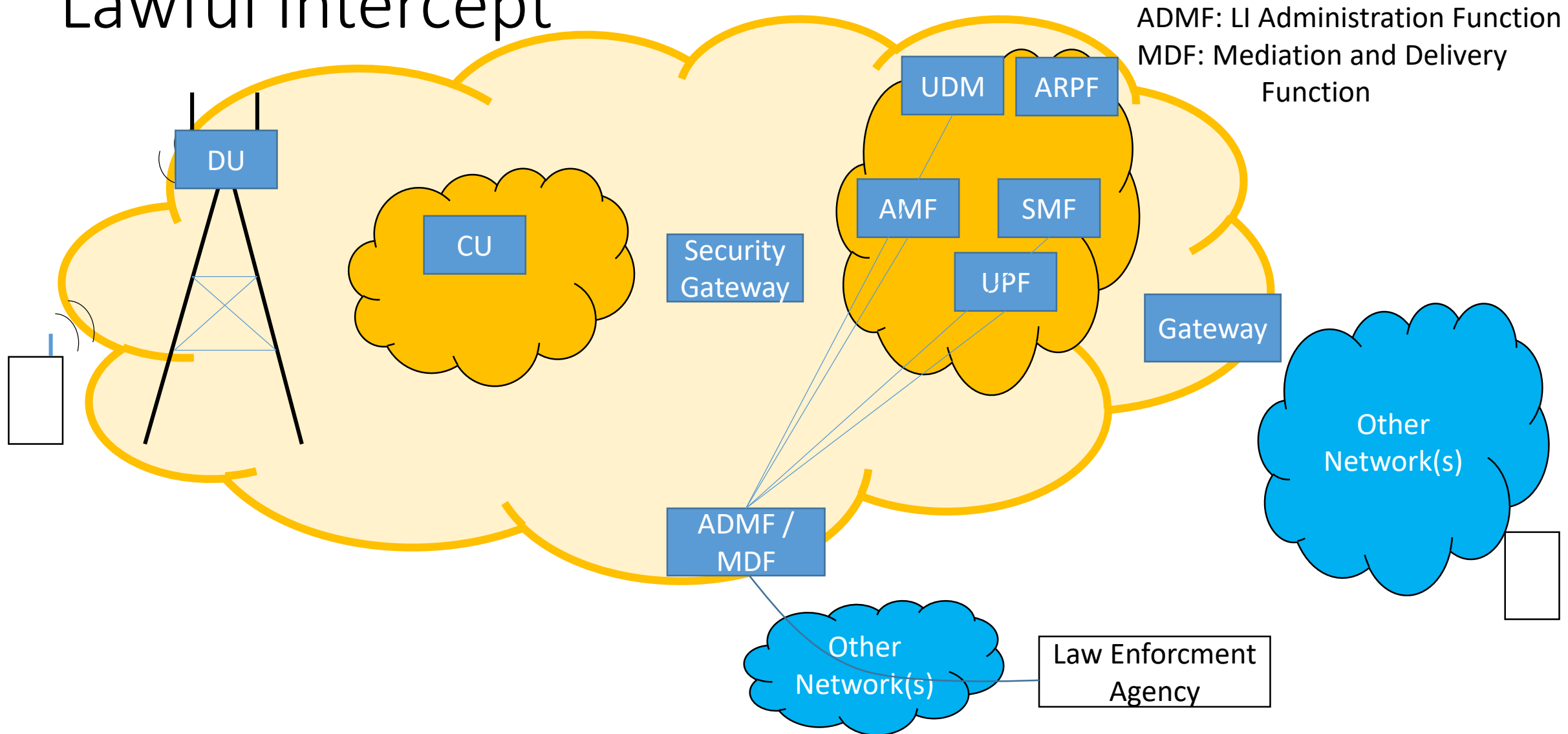
## Operations and Management

OAM: Operations and Management



# Mobile Network Architecture in a Nutshell

## Lawful Intercept



# More 5G Keywords

- Network Function Virtualization
- Network Slicing
- Ultra Reliable, Ultra Low Latency
- ...



# Protection Goals

- Confidentiality
- Integrity
- Availability

# Supply Chain

- Manufacturing
- Shipping
- Installation
- Updates / Maintenance
- Troubleshooting
- Operations

Thank you for your attention