Smart digital Ecosystem

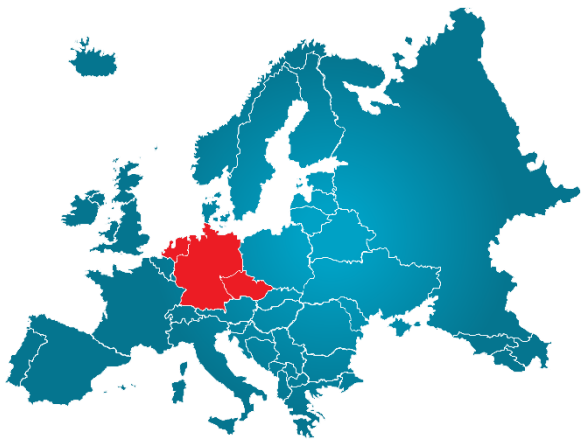
SAFETRON DATA

MORE WILLINGNESS AND BETTER TECHNICAL KNOWLEDGE

Obsah

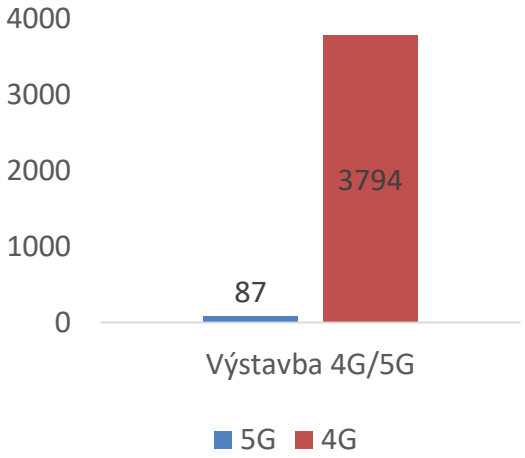
- Safetron Data
  - Základní údaje o SD
  - Výstavba 4G/5G sítě v Evropě
- Smart Digital Ecosystem Architecture
  - Horizontální a vertikální vrstvy
- Connectivity Platform 5G
  - Fáze 0 – Wifi 6 - 802.11ax
  - Fáze 1 – 5G open LAB
  - Fáze 2 – Vertical layers – use cases
- Military 5G Proof of Concept in Germany

Safetron Data



- Planning
- Site Survey & Site Design
- Civil work and Telework installation
- Site Commissioning & Integration
- Operations & Maintenance & Site configuration

- Spolupráce s firmou Backbone
- B2G



Výstavba 4G/5G sítě

- Instalace 5G Active Antenna Unit (AAU) na Macro site
- 860mm x 400mm x 190 m
- váha 5G antény 45kg oproti 20kg u 4G

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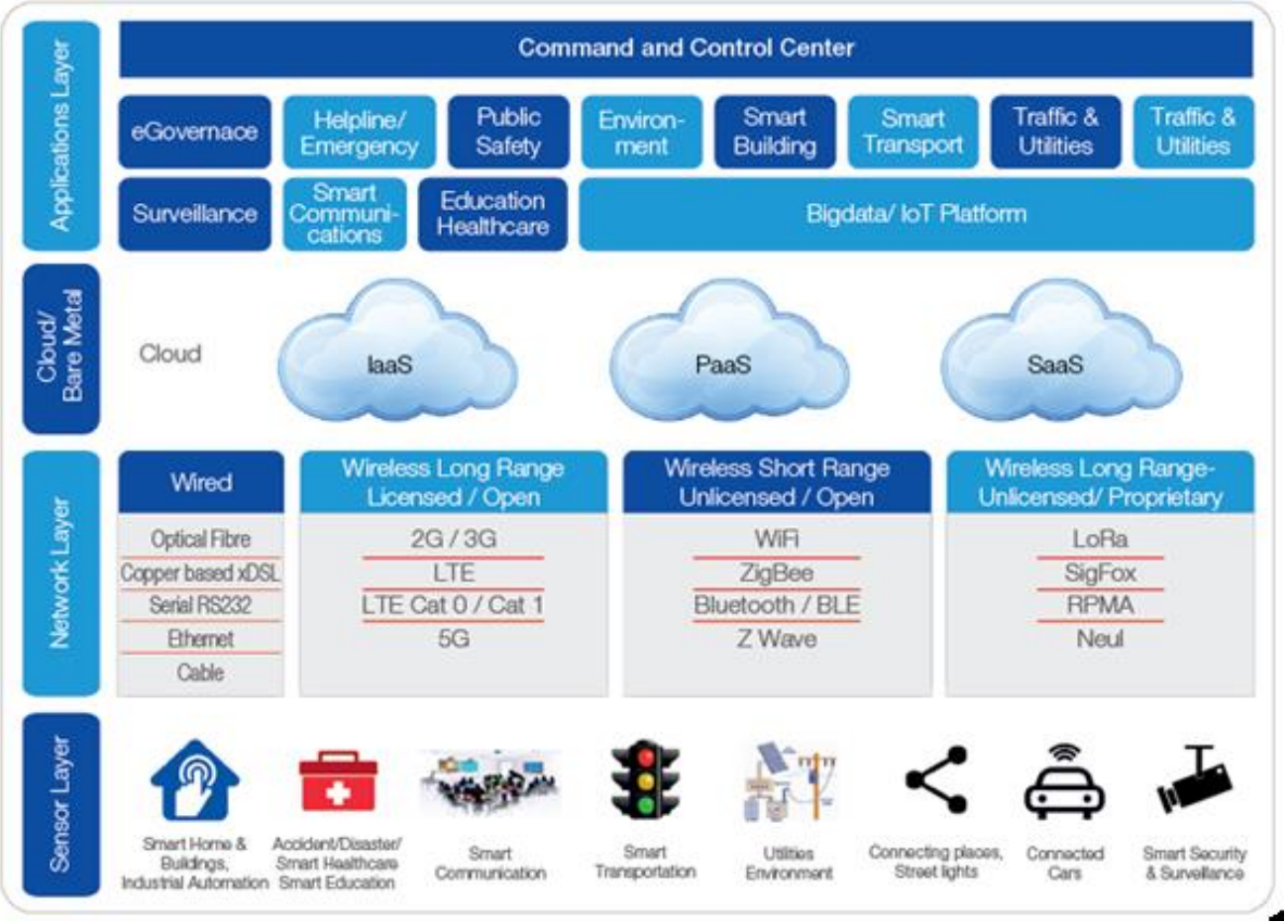
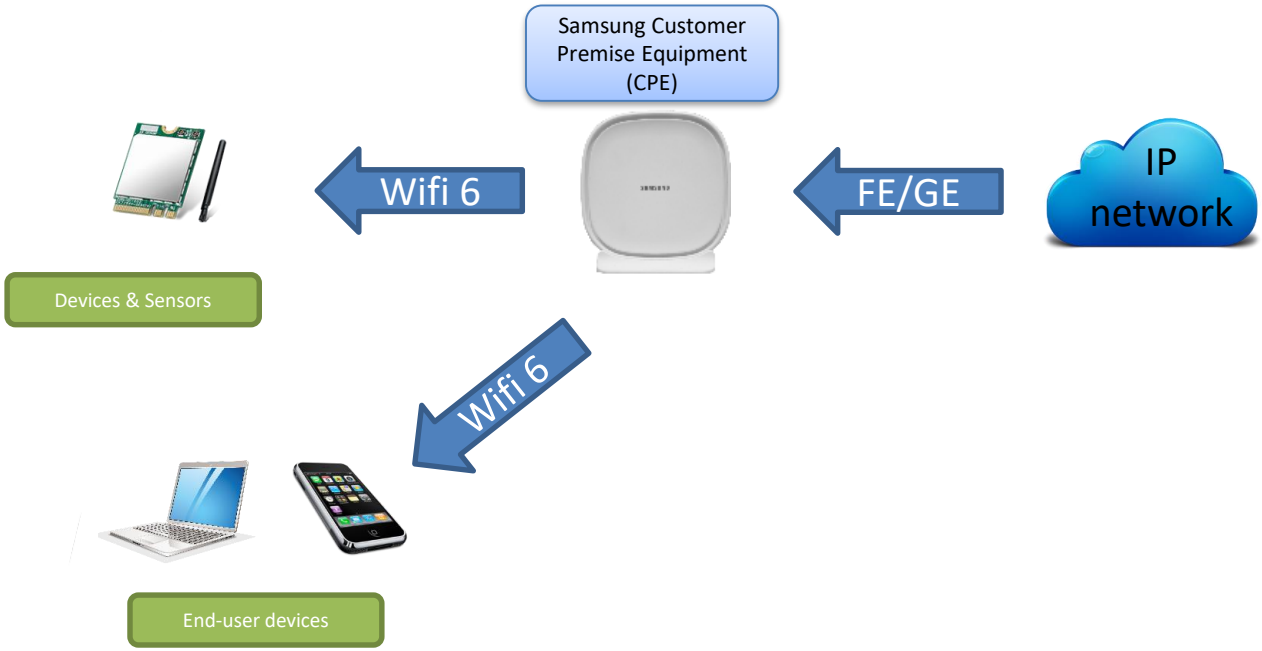
Smart Digital Ecosystem



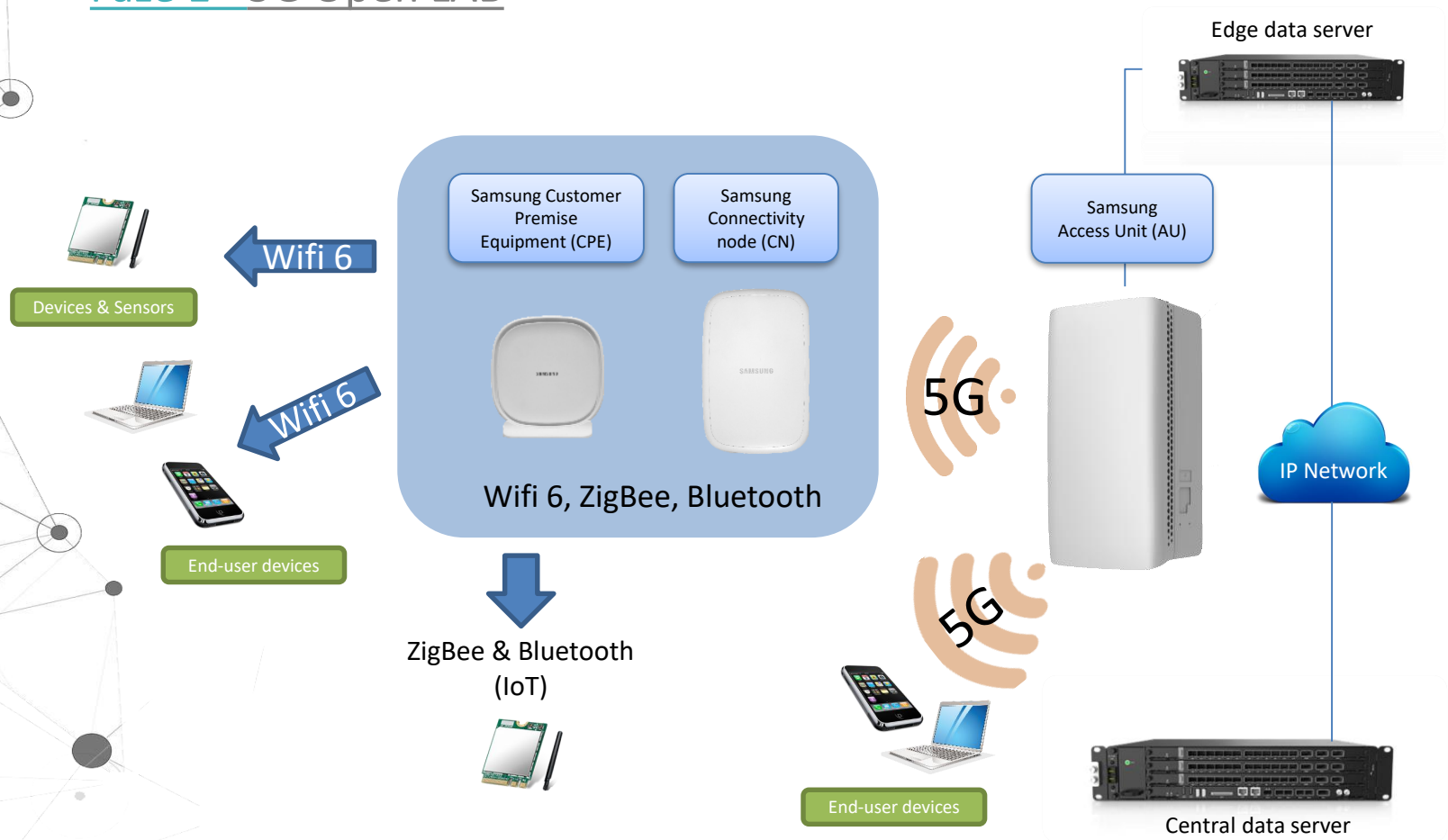
Connectivity Platform 5G

Fáze 0 - 5G ready – WIFI6 802.11ax



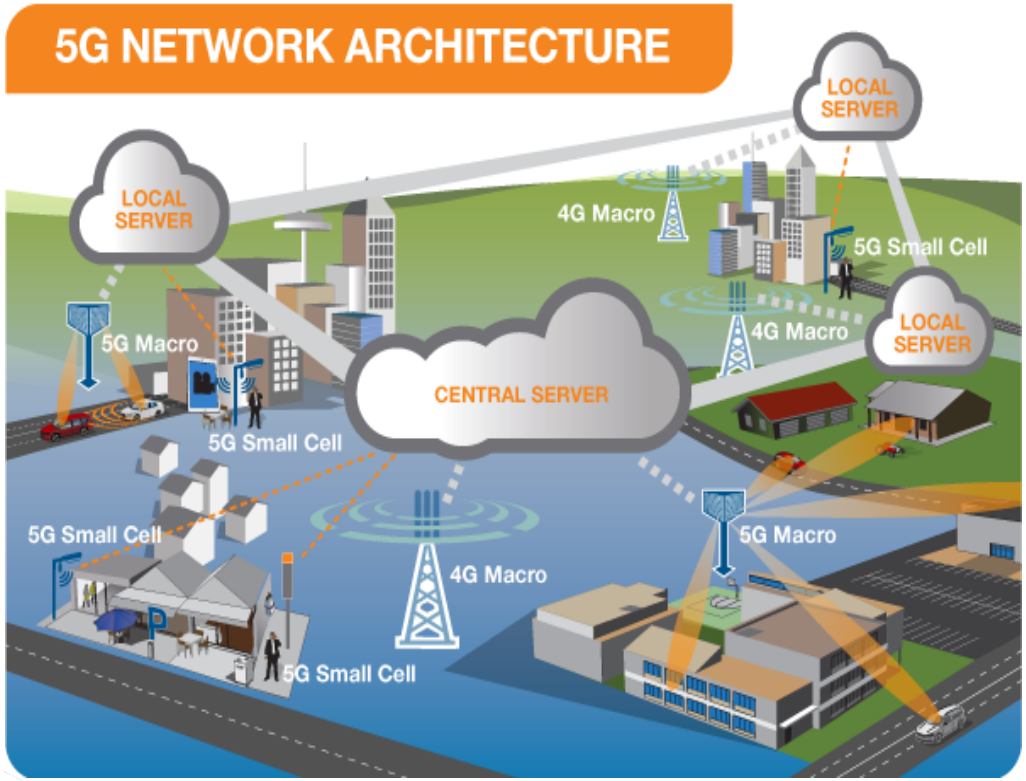
Connectivity Platform 5G

Fáze 1 - 5G Open LAB



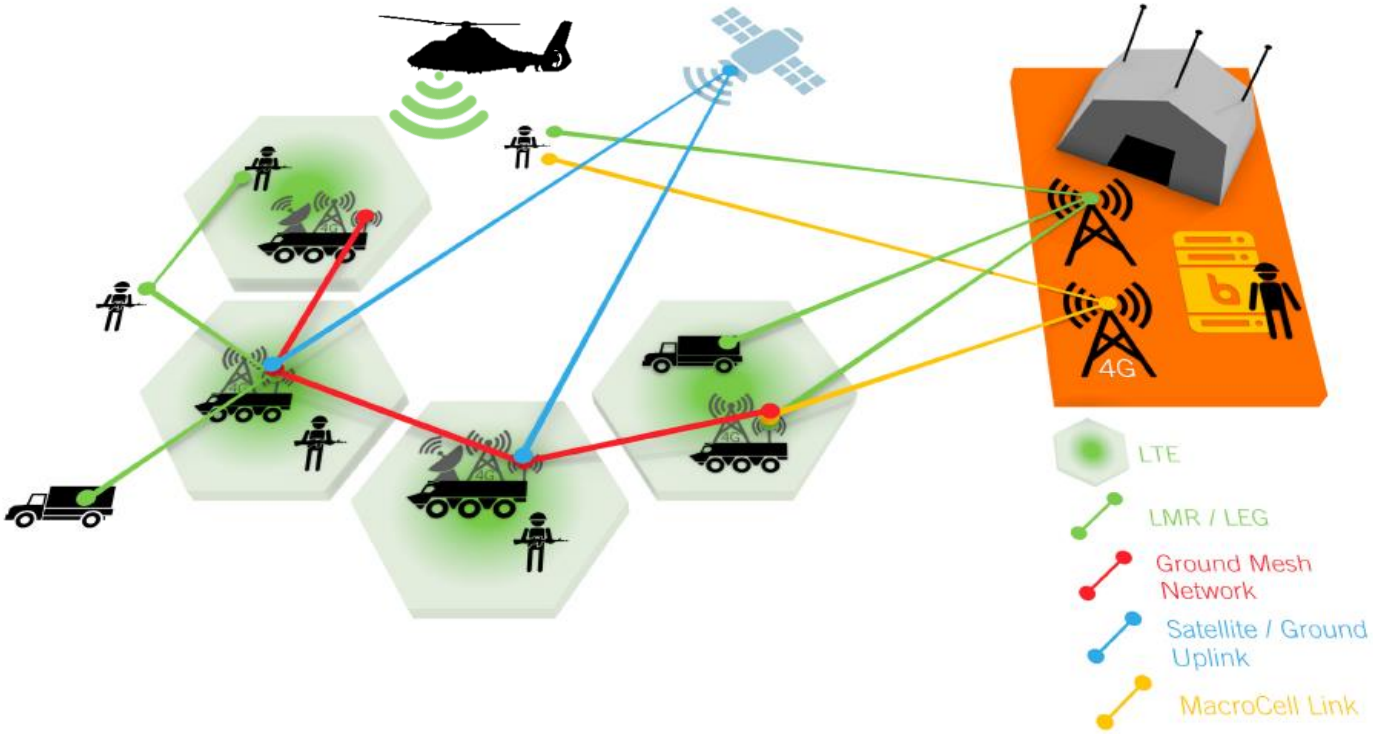
Connectivity Platform 5G

Fáze 2 – Macro site - Vertical use cases



Military 5G PoC in Germany

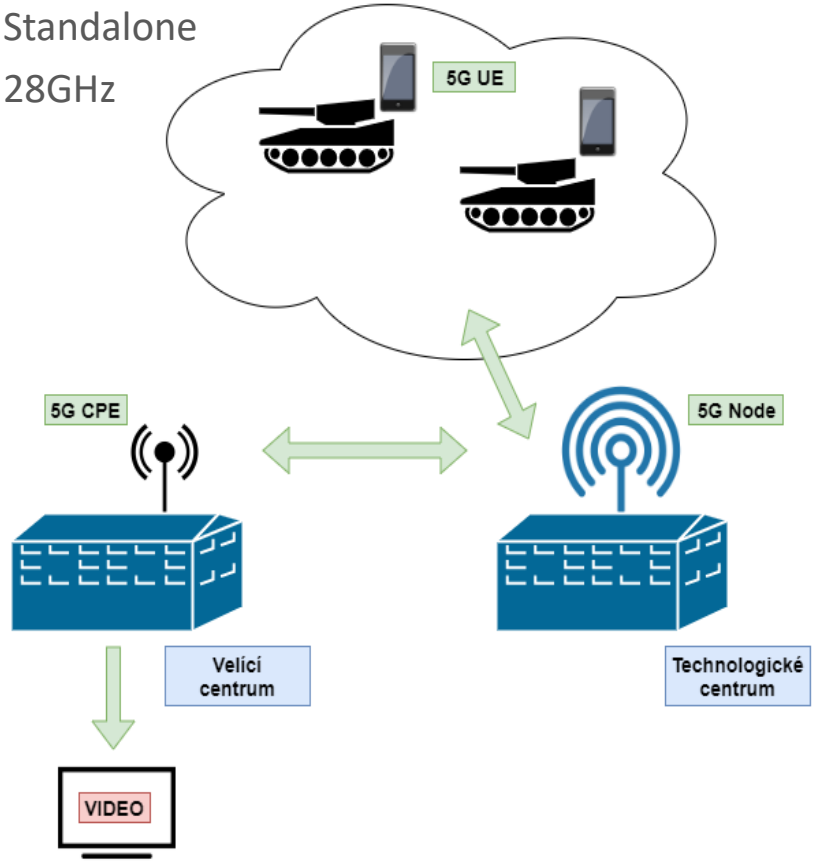
- D-LBO „Digitalization Land Based Operations“

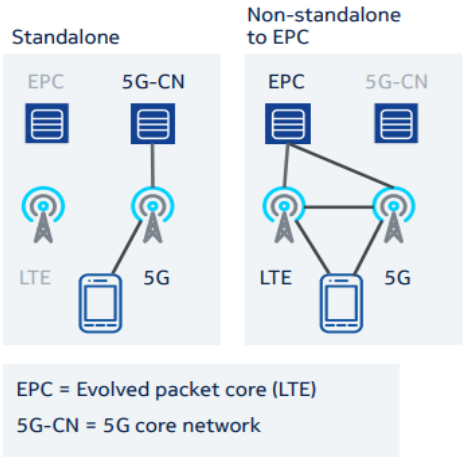


Zdroj: Blackned GmbH

Military 5G PoC in Germany

- Video - https://youtu.be/ikyThs0UjhI
- Samsung
- 5G Standalone
- 5G 28GHz





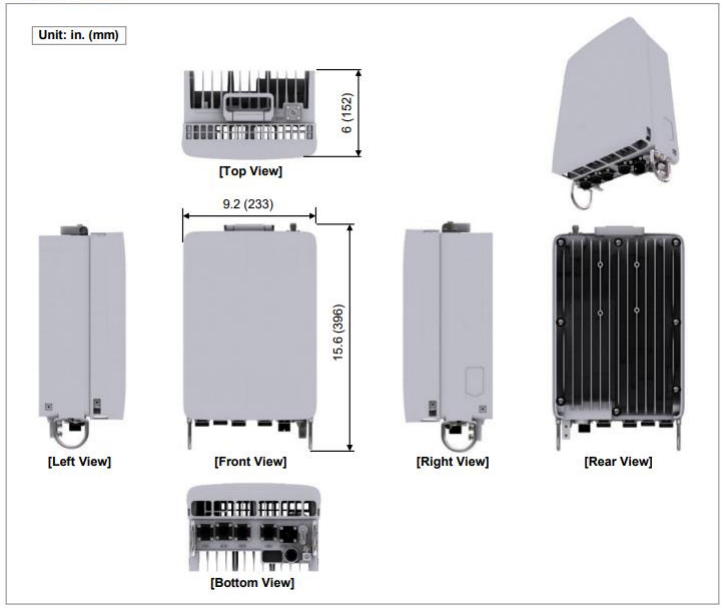
Zdroj: Nokia

Military 5G PoC in Germany

Technical units

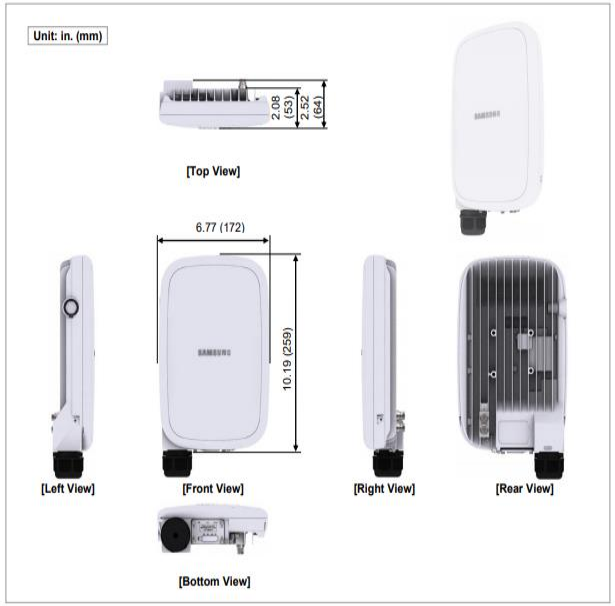
Node – Samsung 5G Access Unit SFG-AA100AC

Figure 1. AU View



CPE - Samsung 5G Outdoor CPE SFG-D1100

Figure 1. CPE Outdoor View



Zdroj: Samsung

Děkujeme za pozornost

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