Open5GCore

HANDS-ON R&D SOFTWARE PLATFORM FOR 5G
OPEN5GCORE REL. 4 – THE FIRST 5G CORE NETWORK IMPLEMENTATION

Open5GCore Rel. 4 software toolkit brings together for the first time 3GPP Release 15 core network features in response to the 5G ecosystem requirements, featuring:

- Integration with NSA [S1-MME, S1-U] and SA radio [N1, N2, N3]
- Implementing control-user plane split – PFCP [N4]
- First implementation of Service based Architecture features [HTTP/2, OpenAPI, REST]
- Data path diversity supporting local offloading and backhaul control
- Maintaining backwards compatibility for LTE and NB-IoT LTE
- Highly customizable for vertical use cases and dedicated networks

Open5GCore integrates with 5G New Radio Stand-Alone (SA) and Non-Stand-Alone (NSA) prototypes and off-the-shelf LTE enabling immediate demonstration of different features and applications.