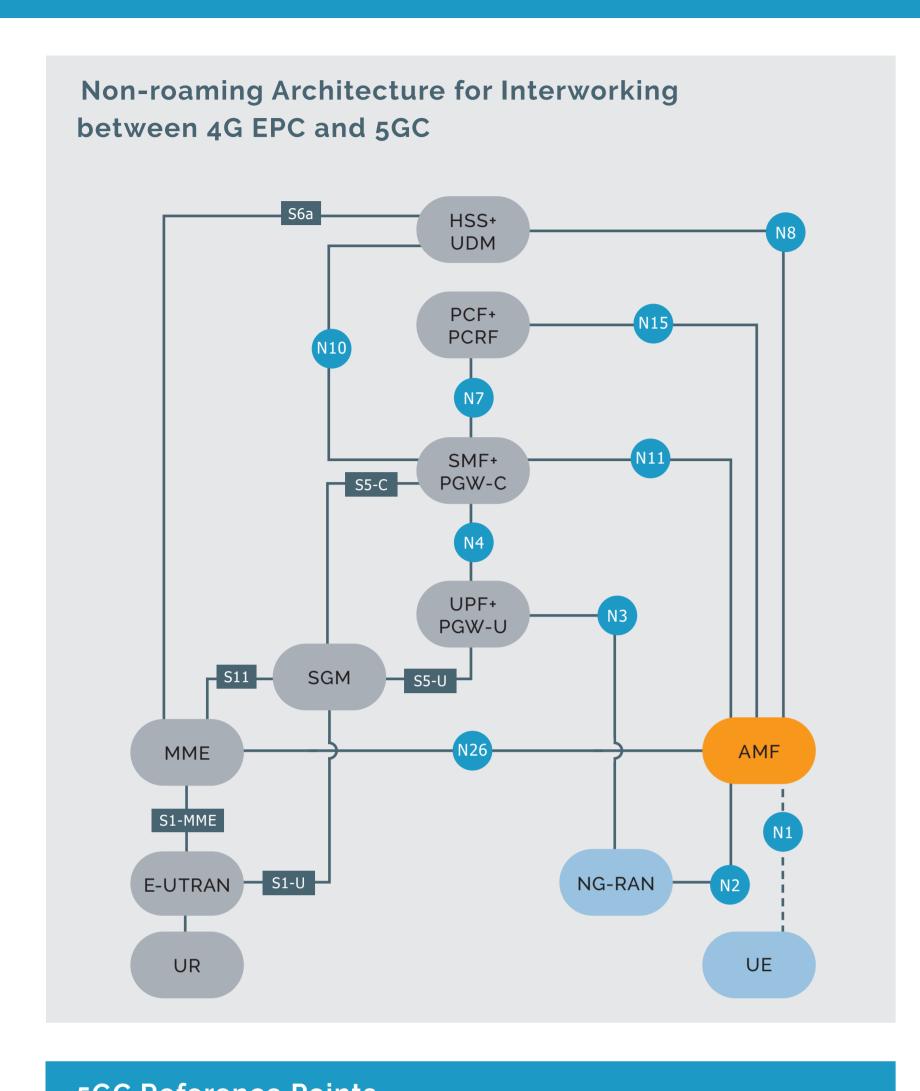
## Monitoring 5G Services

With RADCOM

## RADCOMIZE your 5G NETWORK





Non-3GPP Networks not defined by 3GPP

**Network Repository Function** 

Network Slice Selection Function

Network Data Analytics Function

Policy Control Function

PDU Session Anchor

Radio Access Network

Security Edge Protection Proxy

Session Management Function

Short Message Service Function

Unified Data Management

Unified Data Repository

User Equipment

User Plane Function

W-AGF Wireline Access Gateway Function

Trusted Non-3GPP Gateway Function

Unstructured Data Storage Function

UE radio Capability Management Function

Examples of these are a Wi-Fi, and DSL network.

Redirects traffic to a network slice.

policy rules to Control Plane functions.

Handles management of UE sessions.

Supports the transfer of SMS over NAS.

Performs parts of the 4G HSS function.

Enables wireline access to the 5G Core.

manufacturer assigned UE Radio Capability IDs.

from an Unstructured Data Storage Function (UDSF).

A combination of the data plane parts of the SGW and PGW in 4G.

Using radio technology provides access to the core network.

core network.

Allows every network function to discover the services offered by other network

Responsible for providing network analysis information upon request from network

Governs the network behavior by supporting a unified policy framework. Also, provides

The user plane function that terminates the N6 interface of a PDU session within a 5G

Protects control plane traffic that is exchanged between different 5G operator networks.

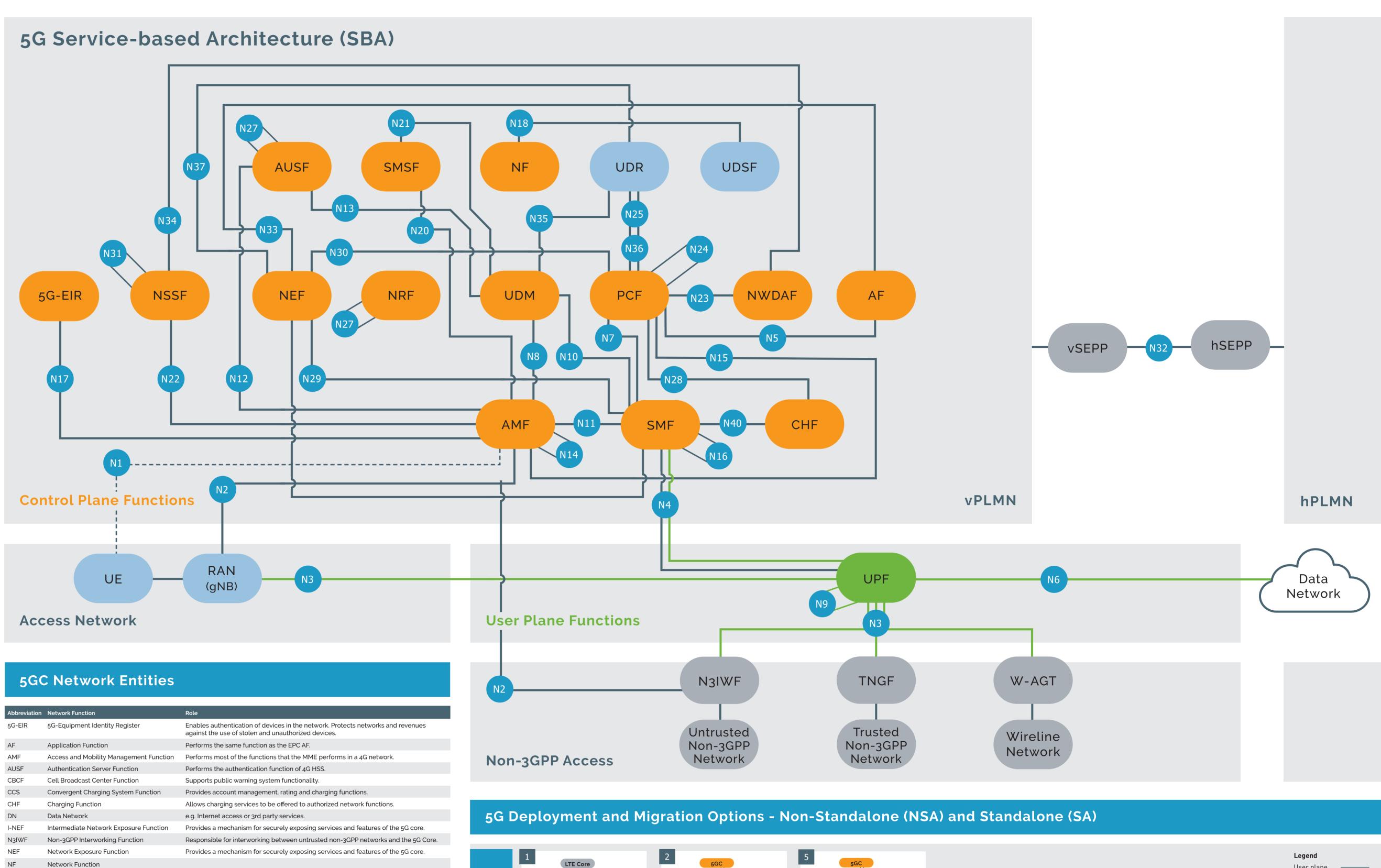
Enables the UE to connect to the 5G Core over WLAN access technology.

Used for storage of dictionary entries corresponding to either PLMN-assigned or

A converged repository of subscriber information that can be used to service a number

Part of the UDM entity. Network Functions (NFs) can store/retrieve "unstructured" data

Any device used directly by an end-user to communicate (a handheld phone, laptop etc.).



## SA LTE connected to EPC SA NR connected to 5GC SA LTE connected to 5GC NSA LTE and NR connected to EPC Provides for dynamic switching of the 5G user plane traffic between the LTE RAN and NR. the S1-U and X2 interfaces being available 4G network. All 5G user plane traffic is routed through the 4G RAN. NSA LTE and NR connected to 5GC X2-C NR X2-C NR X2-C

There is no Xn interface and the NR is

connected to the 5GC via the NG-U interface.

There is no interface between the NR and the

5GC. Information flows via the Xn.

A LTE

A combination of option 7 & 7A.

