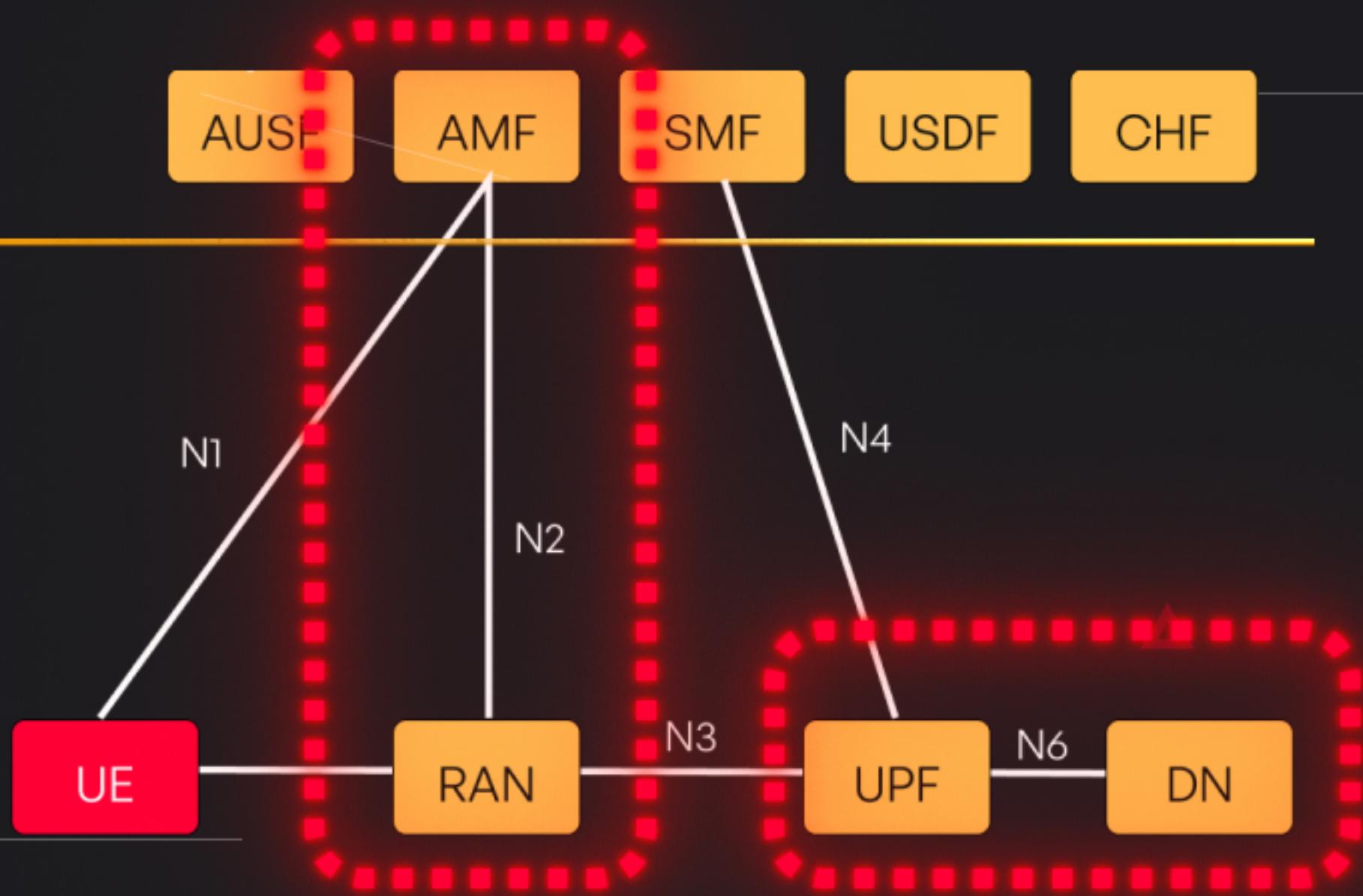


5G

NETWORK INTERFACES

7 CRITICAL INTERFACES FOR 5G NETWORKS



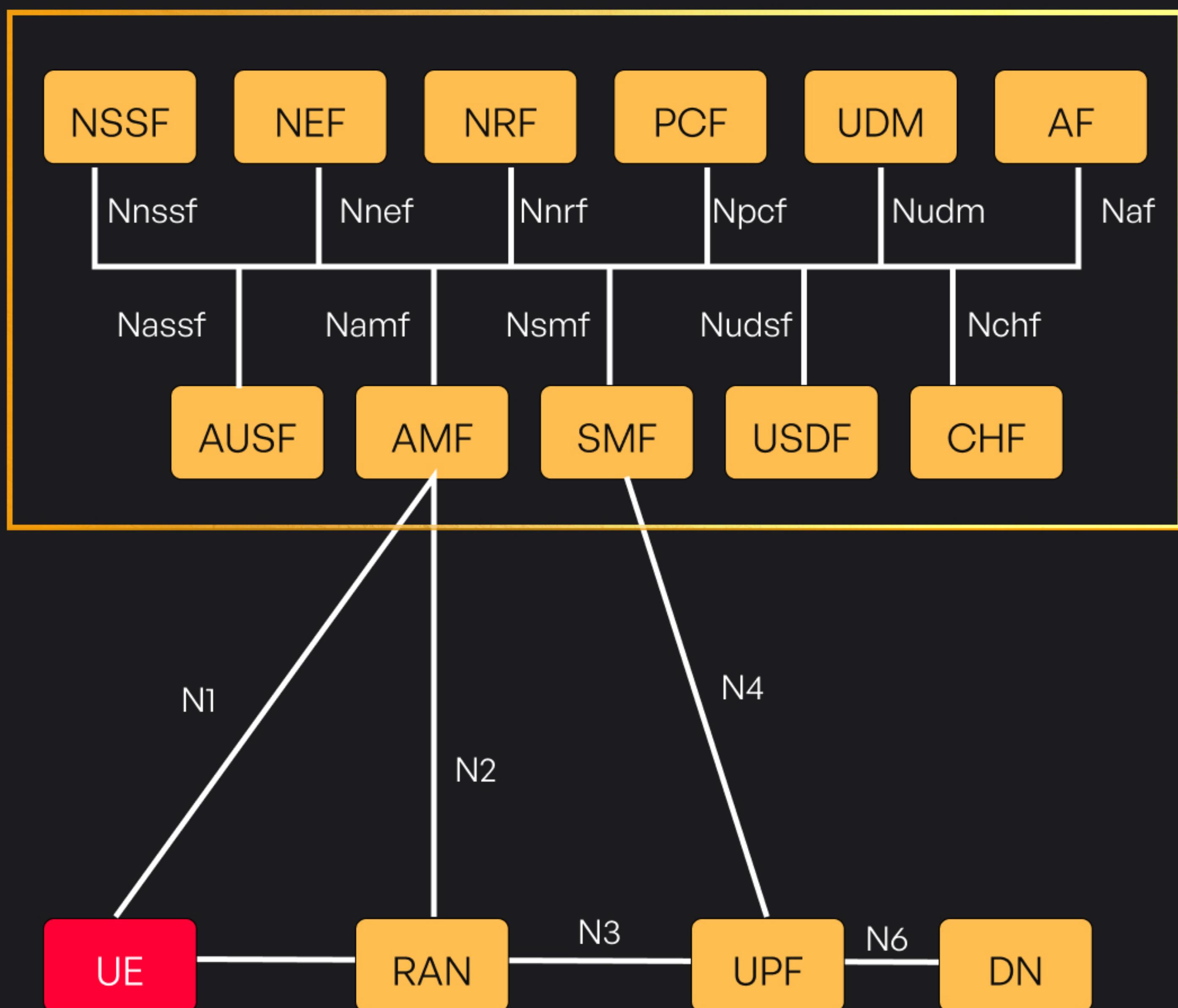
5G
differs
radically
from last
generations.

That's why
each 5G
interface
opens new
possibilities.

Here's 5G
network in
action.



5G Core Control Plane

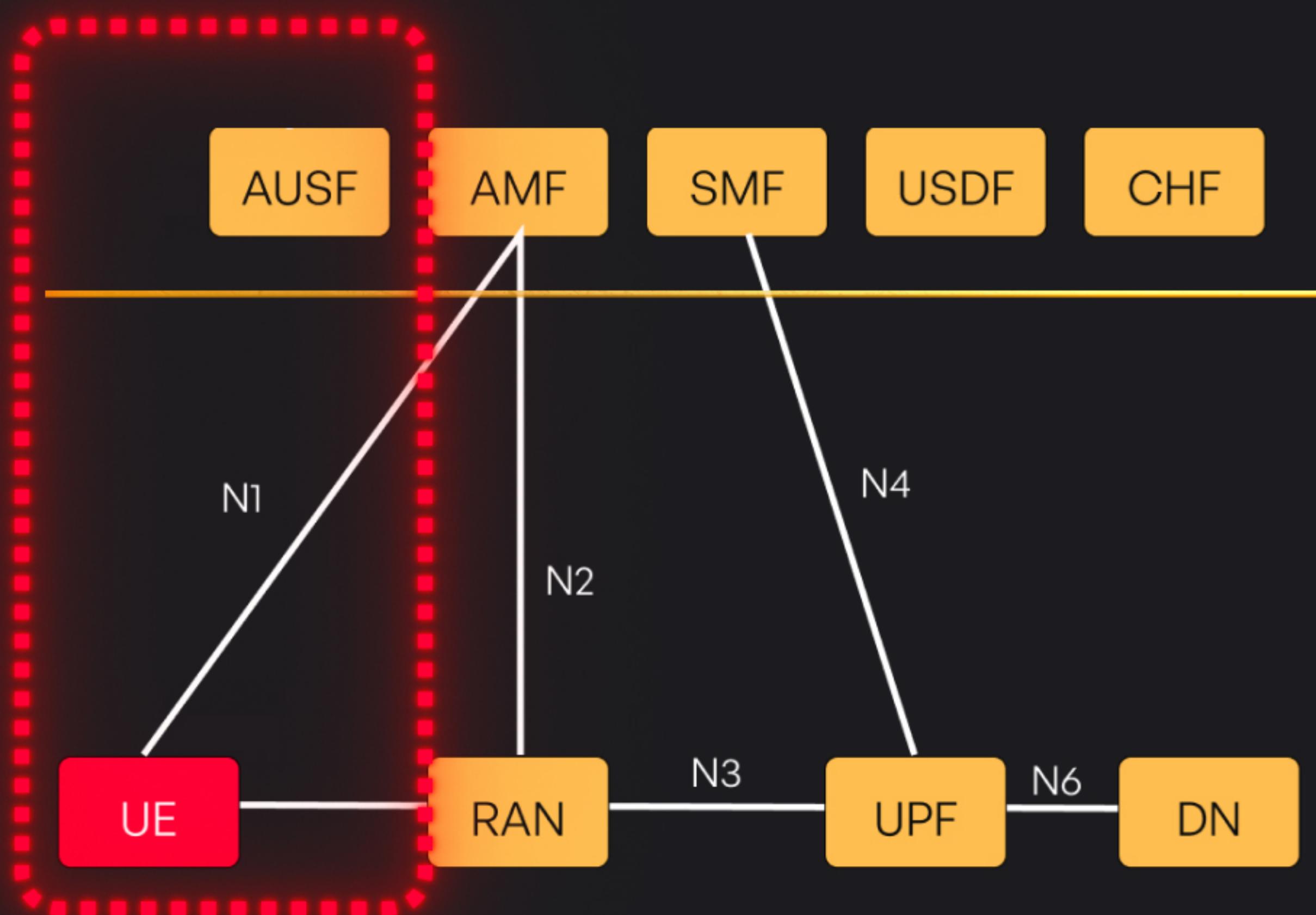


You'd notice
07 critical
interfaces:

N1 Interface

User Equipment to Network

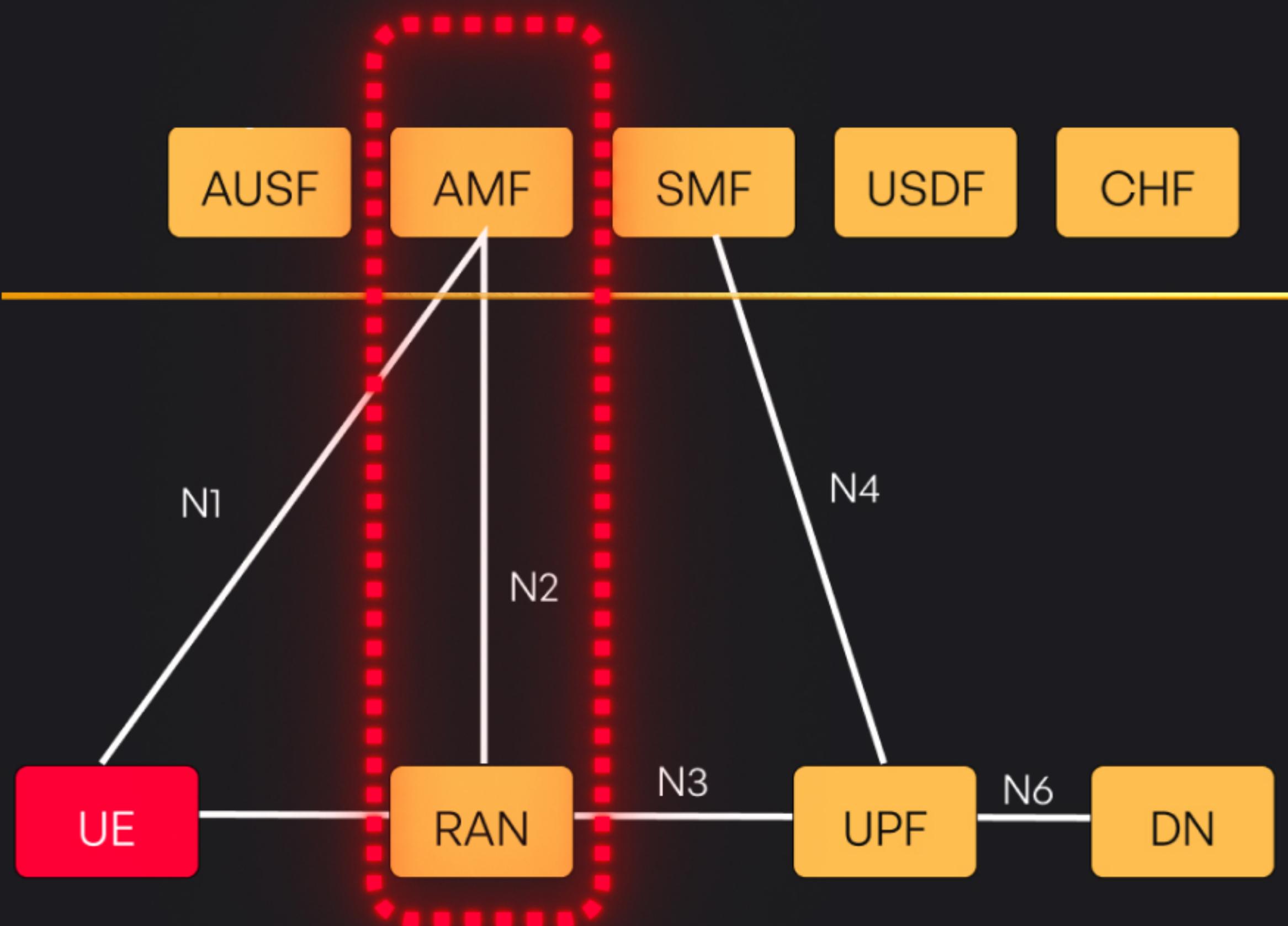
- Network slicing happens here first.
- Security starts at N1.
- Experience matters most at N1.



N2 Interface

Radio Access Network

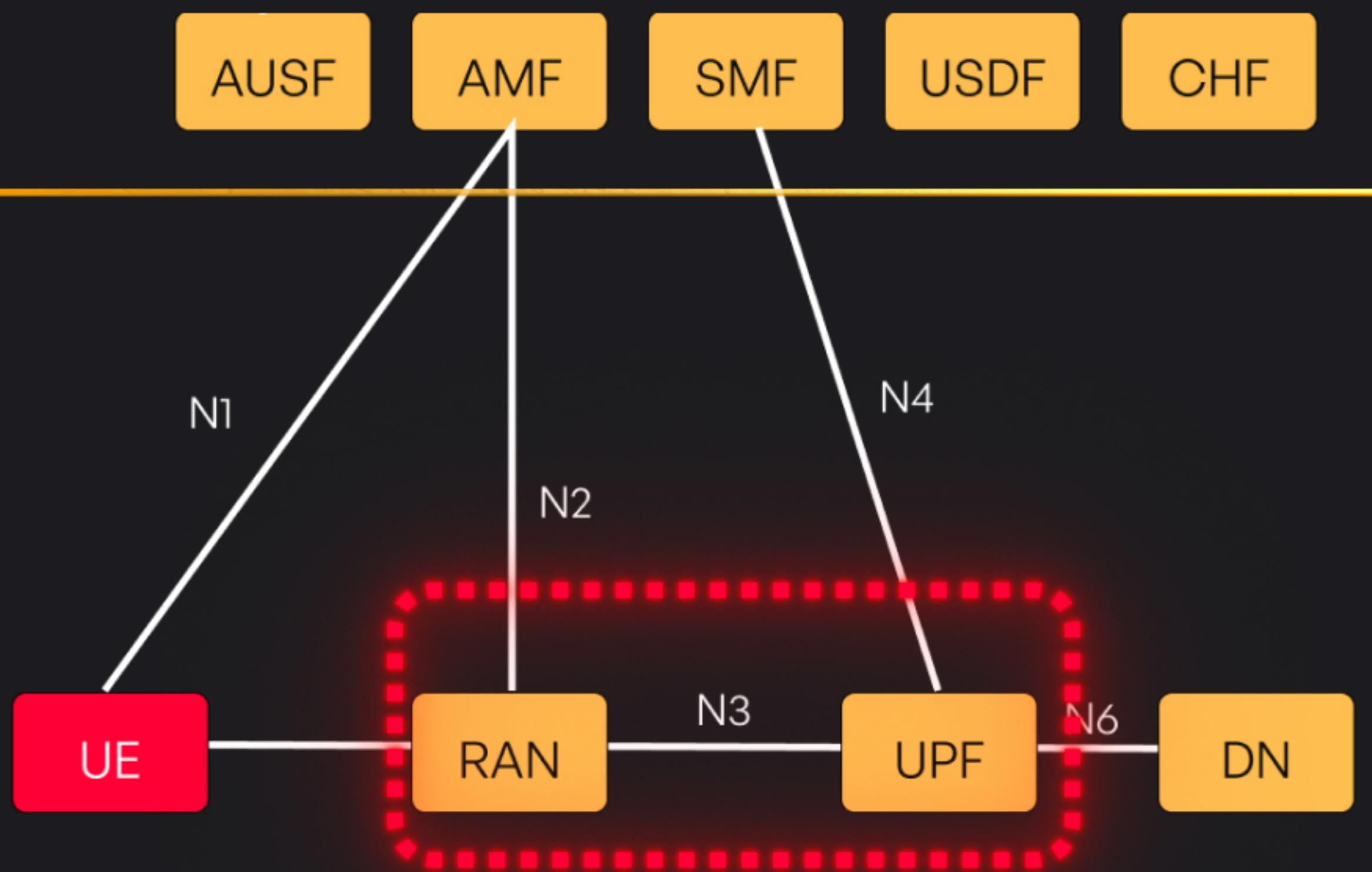
- It handles massive MIMO.
- Keeps your connection stable.
- Expands coverage for more UEs.



N3 Interface

User Plane Function

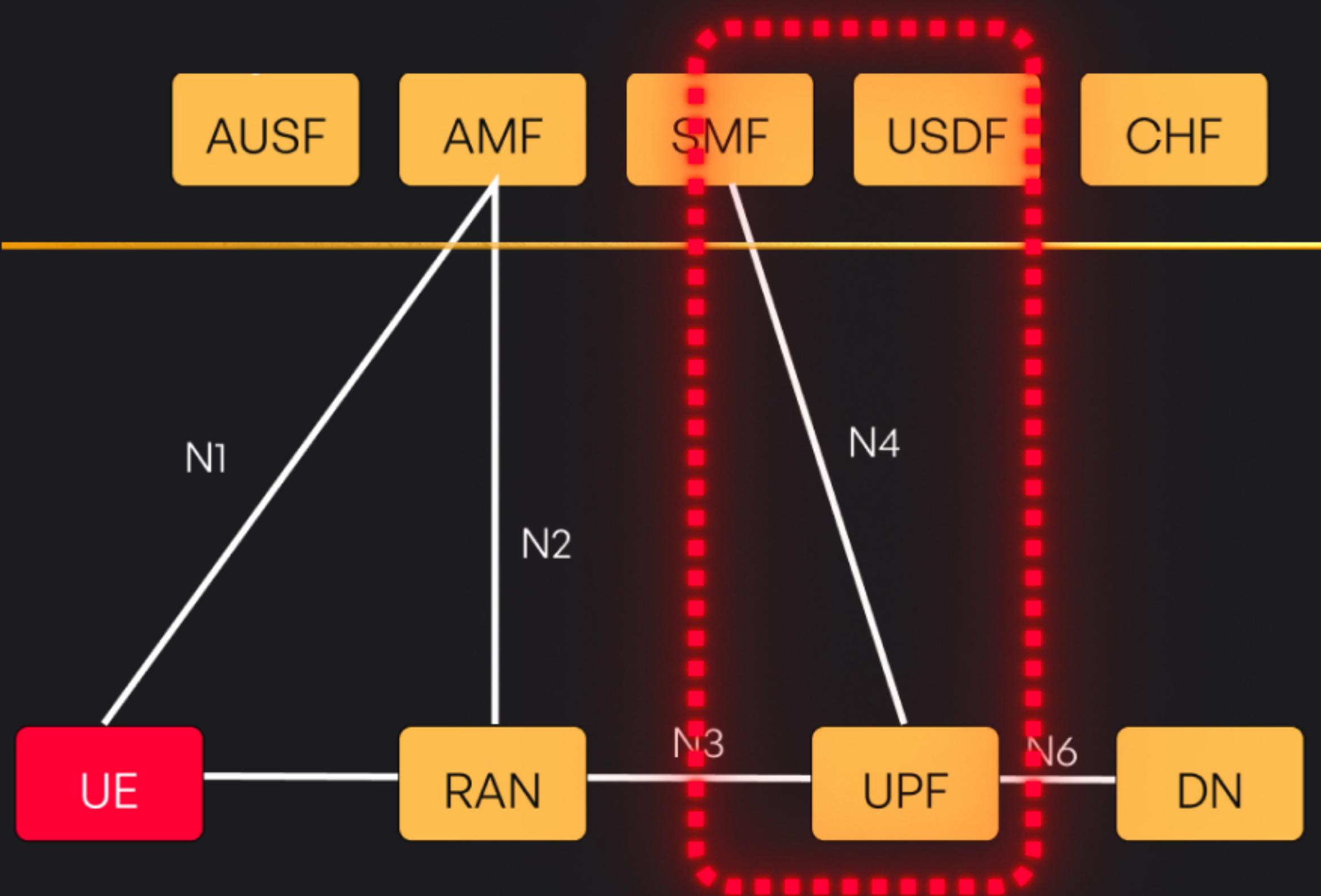
- Delivers the content to your device.
- Makes video streaming smooth.
- Keeps data flowing fast.



N4 Interface

Control - User Plane Separation

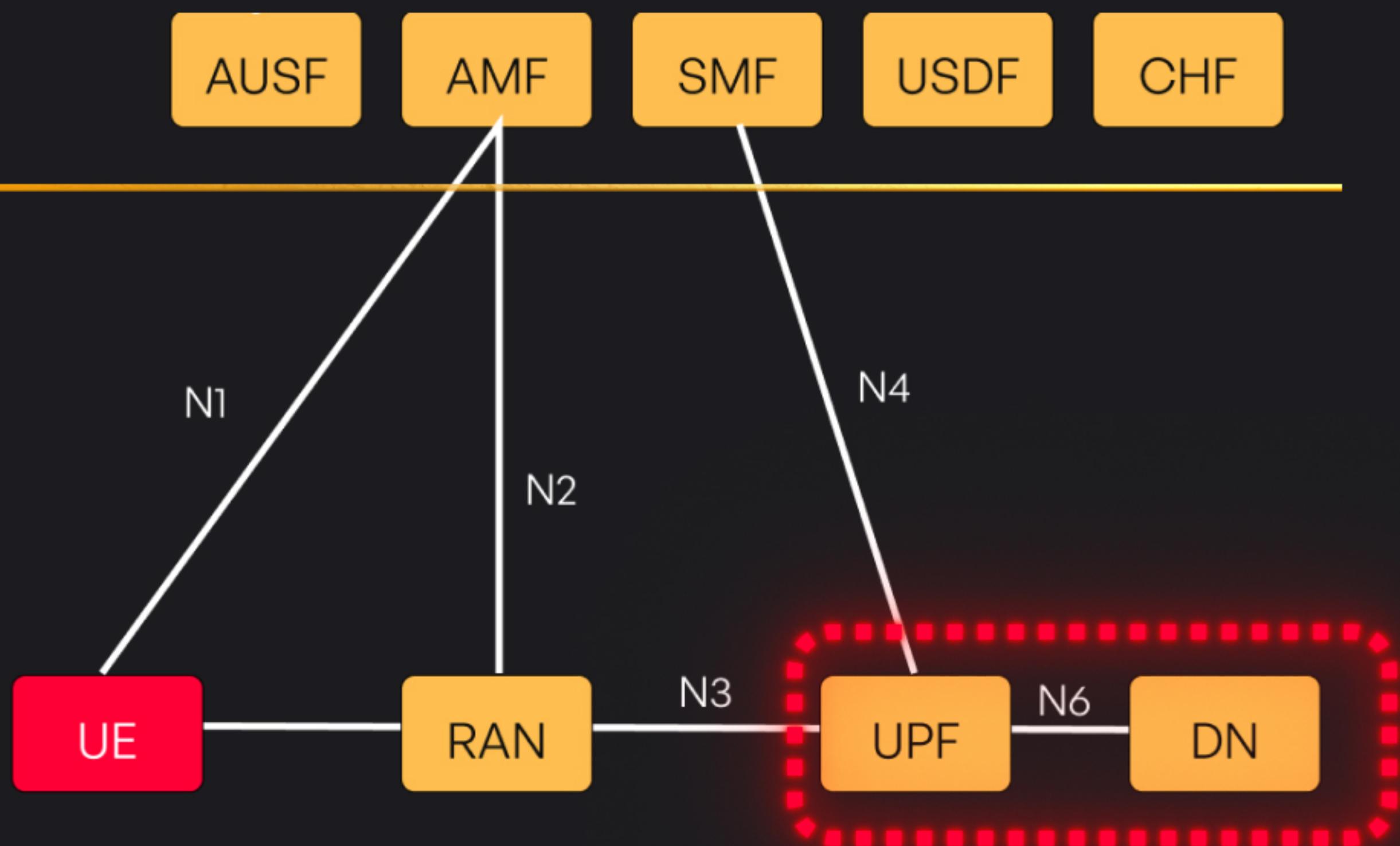
- Powers cloud and edge computing.
- Flexibility begins with N4.
- Adapts instantly to meet demand.



N6 Interface

Data Network Connection

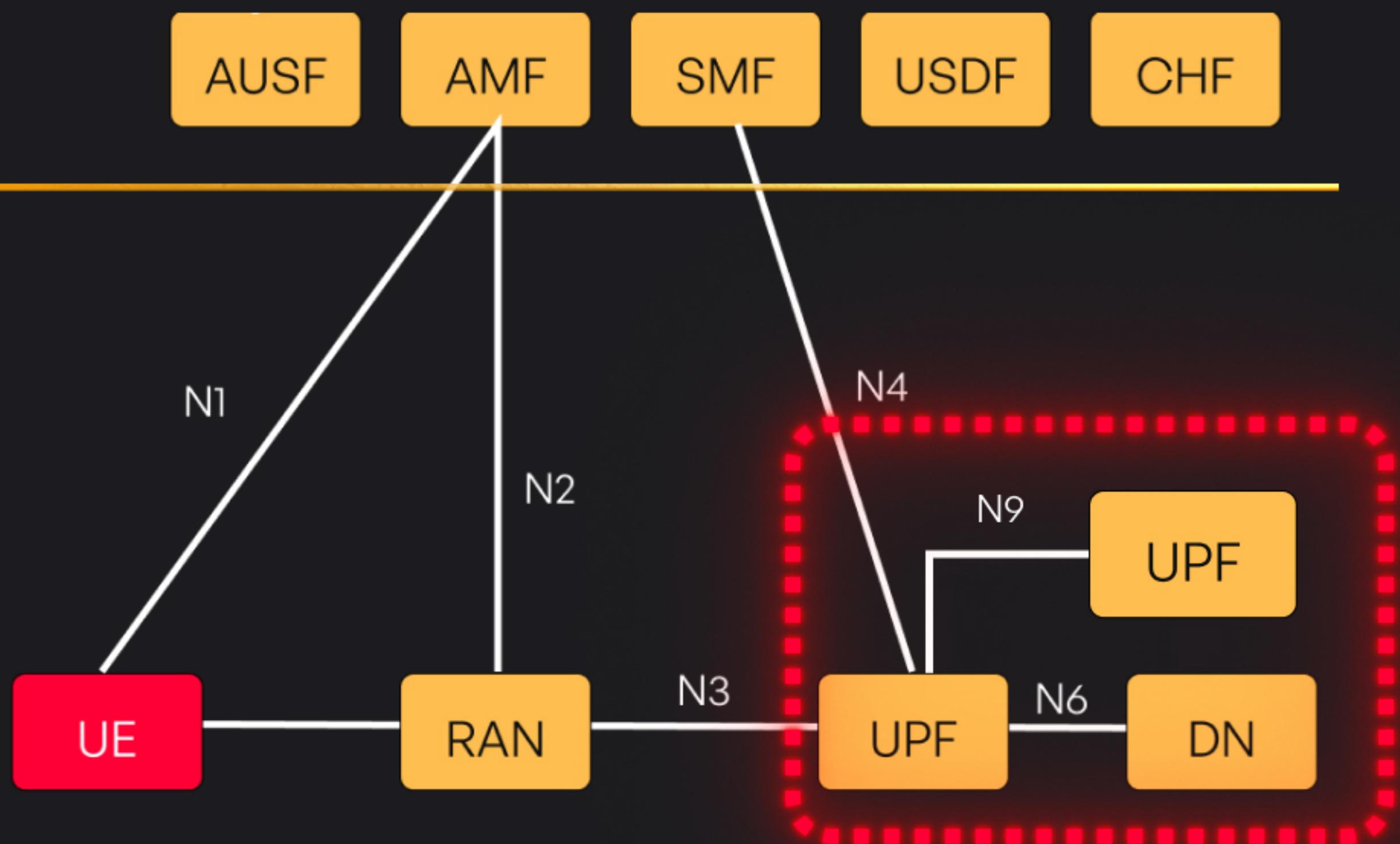
- QoS management happens here.
- Your privacy depends on N6.
- It manages quality for every app.



N9 Interface

Inter-Region Connection

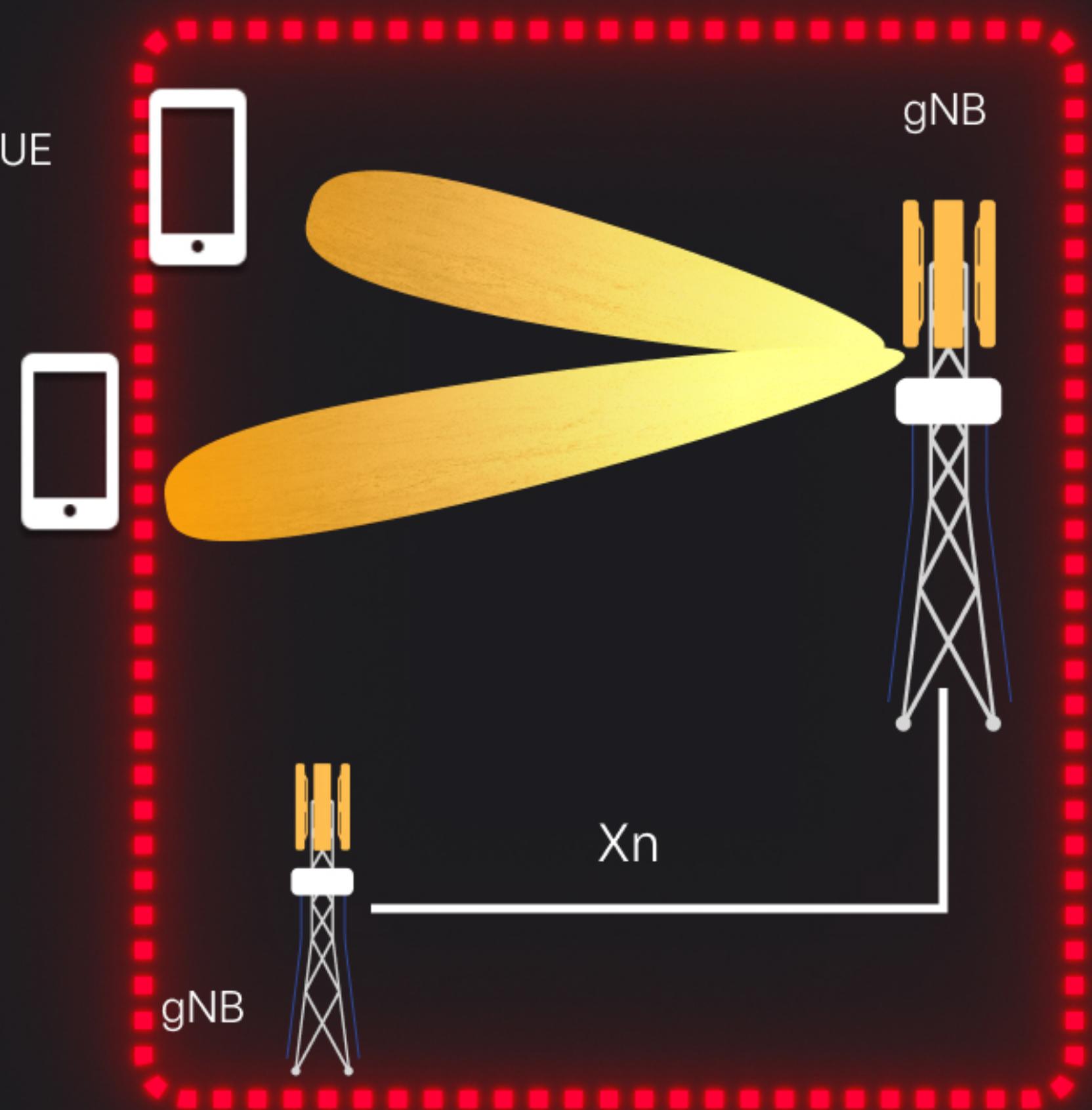
- Roaming depends on N9.
- Data crosses borders efficiently.
- Businesses expand globally with N9.



Xn Interface

Base Station Communication

- Handovers happen smoothly here.
- Network optimization occurs here.
- Coverage improves through Xn.



Want to
know the
best part?

All of them
focus on 3
things:

- **User Experience**
- **Security**
- **Scalability**

Let your network know about this.

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ment



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Furqan Jameel

Area Product Owner at Nokia, Finland

+ Follow

