

Mobile Network Protocol Stack

Interactive visualization of the layered architecture that powers mobile communications



Protocol Visualization



Animate Flow



Expand All



Collapse All



Application Layer

Layer 1



Transport Layer

Layer 2



Network Layer

Layer 3



Data Link Layer

Layer 4



Physical Layer

Layer 5





Layer 4



Physical Layer

Layer 5



Layer Details

Click on a layer to view details



Legend



Application Layer



Transport Layer



Network Layer



Data Link Layer



Physical Layer



Quick Stats

Total Layers

5

Protocols

15+

Technologies

4G/5G

Click on any layer to explore its functions, protocols, and real-world applications. Use the "Animate Flow" button to visualize data transmission through the stack.