

CLOUD LAYER

Centralized • High Capacity

Latency: 100-500ms

Coverage: Global

Data Center

Multi-tenant

Massive computational capacity



FOG LAYER

Distributed • Intermediate Capacity

Latency: 20-100ms

Coverage: Regional

Fog Node A
Base Station



Fog Node B
Edge Server



EDGE DEVICE LAYER

Distributed • Data Sources

Latency: 1-20ms

Coverage: Local



IoT Sensor

Environmental



Gateway

Protocol Bridge



Mobile Device

User Interface



Industrial PLC

Real-time Control