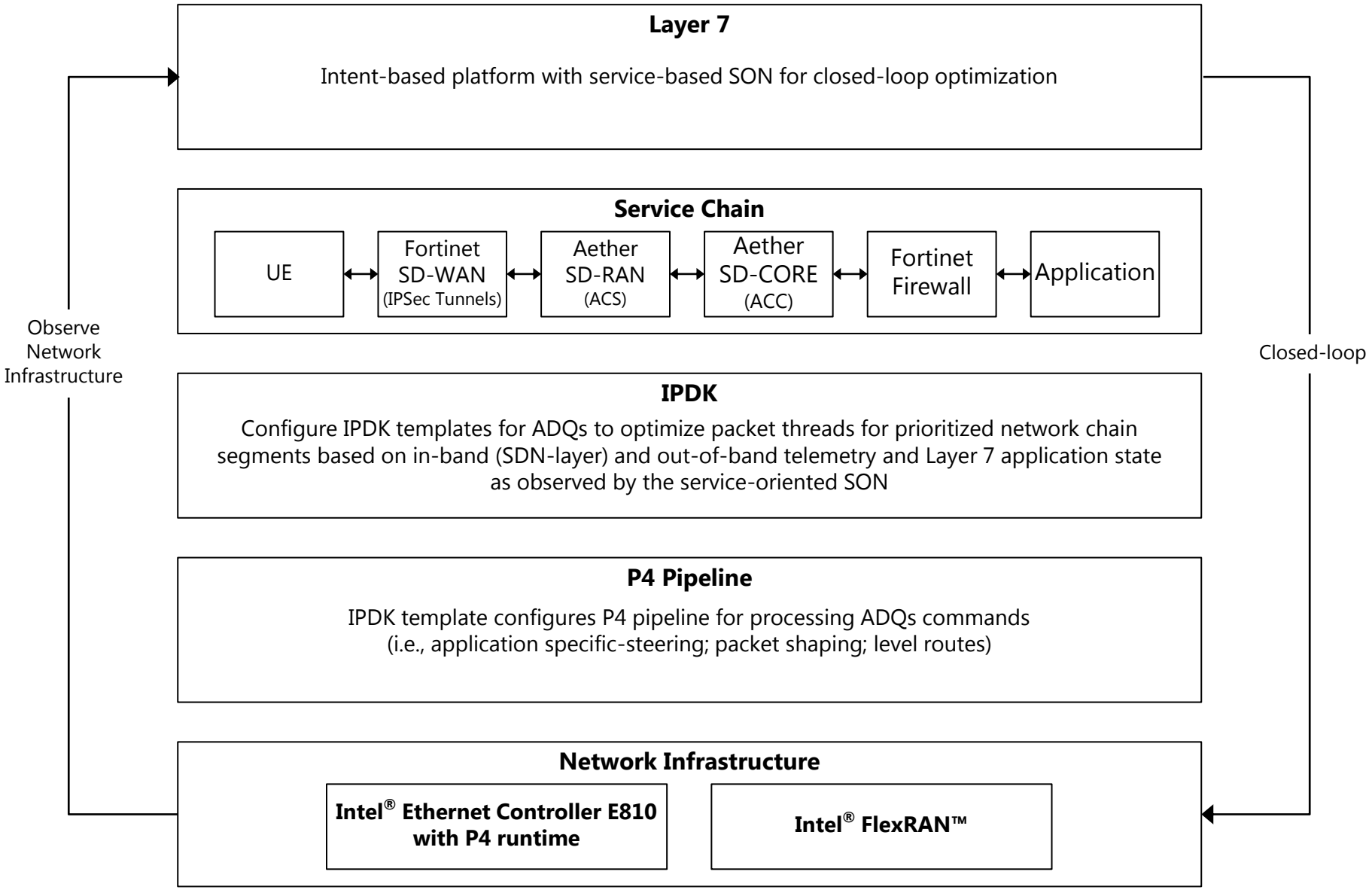
Layer 7
Intent-based platform with service-based SON for closed-loop optimization
Service Chain
UE
Fortinet SD-WAN (IPSec Tunnels)
Aether SD-RAN (ACS)
Aether SD-CORE (ACC)
Fortinet Firewall
Application
IPDK
Configure IPDK templates for ADQs to optimize packet threads for prioritized network chain segments based on in-band (SDN-layer) and out-of-band telemetry and Layer 7 application state as observed by the service-oriented SON
P4 Pipeline
IPDK template configures P4 pipeline for processing ADQs commands (i.e., application specific-steering; packet shaping; level routes)
Network Infrastructure
Intel® Ethernet Controller E810 with P4 runtime
Intel® FlexRAN™
Observe Network Infrastructure
Closed-loop