Your guide to building a cloud native 5G core network

A 5G core network will enhance user experience, simplify operations and enable agile new service creation, which will open up more enterprise and consumer opportunities for communications service providers.

To enable this, there are six topic areas to consider when building a cloud native platform.
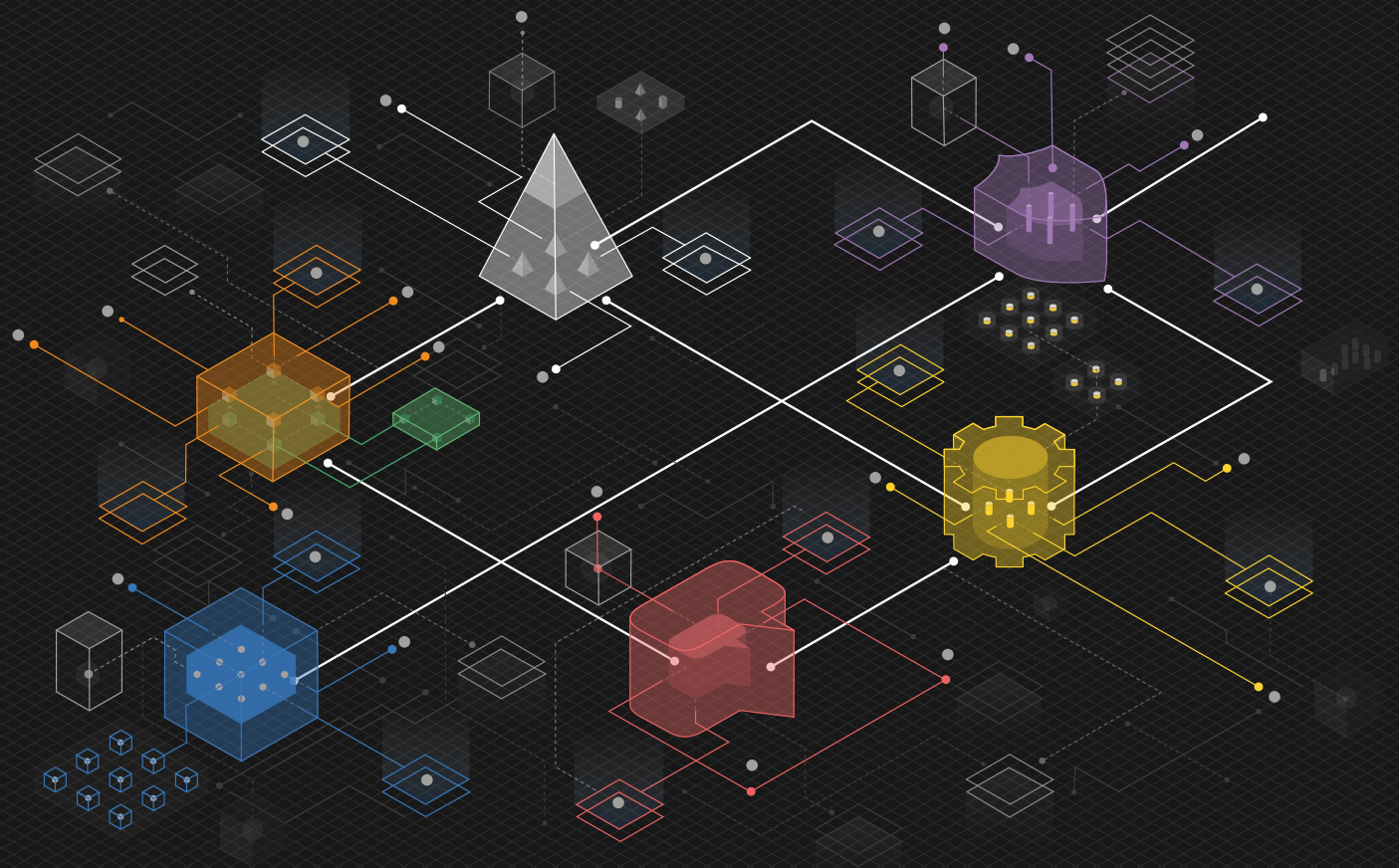
5G Core

- Establish a core platform built on cloud native technology which combines EPC and 5G Core network functions
- Reach deployment flexibility and TCO efficiency during the 5G migration

Operations and management

- Efficiently operate a cloud native platform with new ways of working and evolved processes
- Transform operations to reach the 5G network's full potential

Network security

- Safeguard networks with a secure design and monitoring to protect against external threats
- Create a safe innovation ecosystem to capture new business opportunities

Cloud native infrastructure

- Deploy a system-verified cloud infrastructure solution optimized for cloud applications
- Reduce risks while building this cloud platform for 5G services

5G voice

- Leverage 4G voice solutions and enable high-quality 5G voice
- Expand with new 5G communication service capabilities

Automation and orchestration

- Increase network automation and orchestrate new 5G use cases
- Reduce time to market for new service development with agile innovation