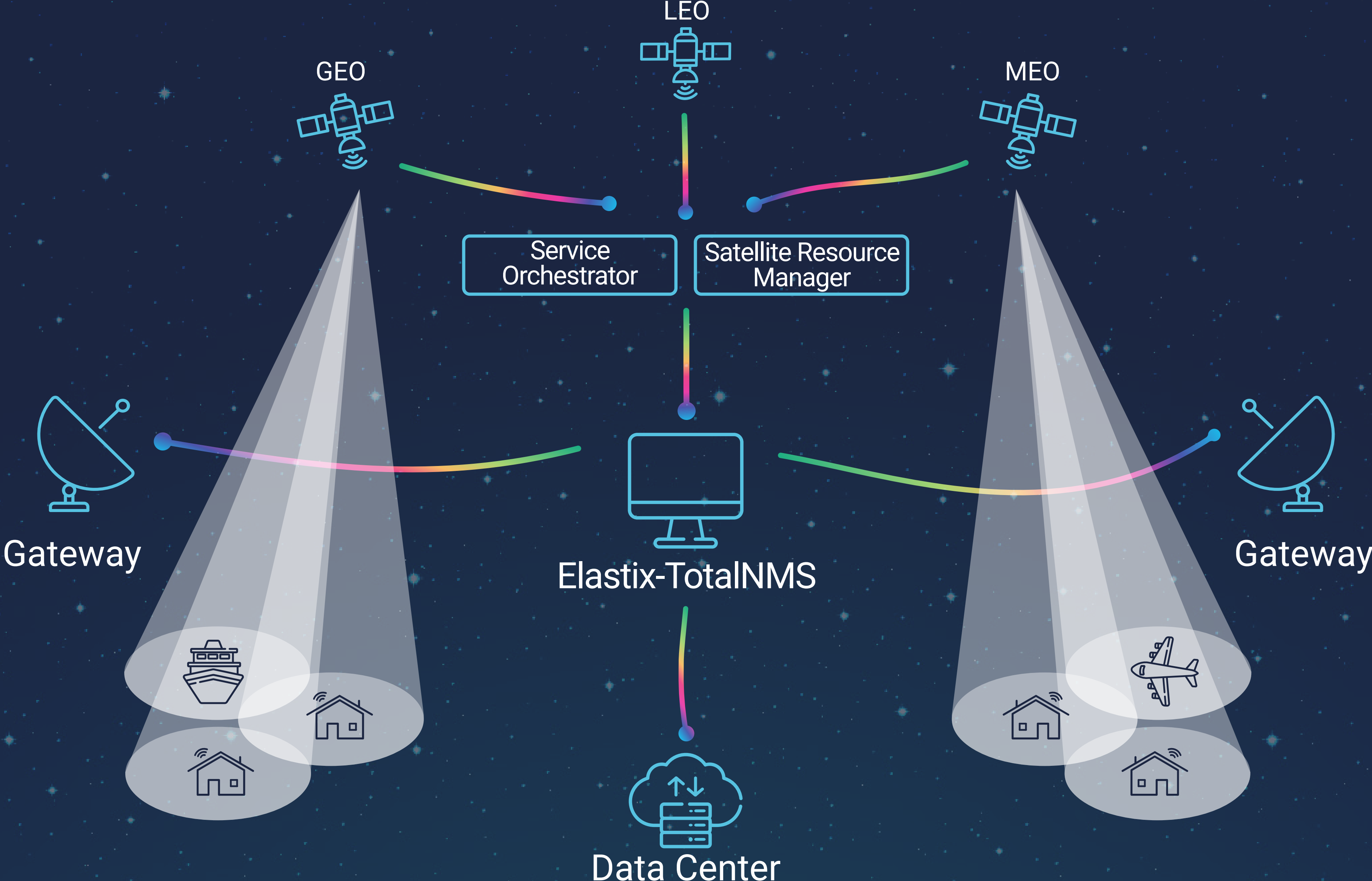# Gilat

elastix-
TOTALNMS

Pioneering Network Management
for Ground-Space Harmony
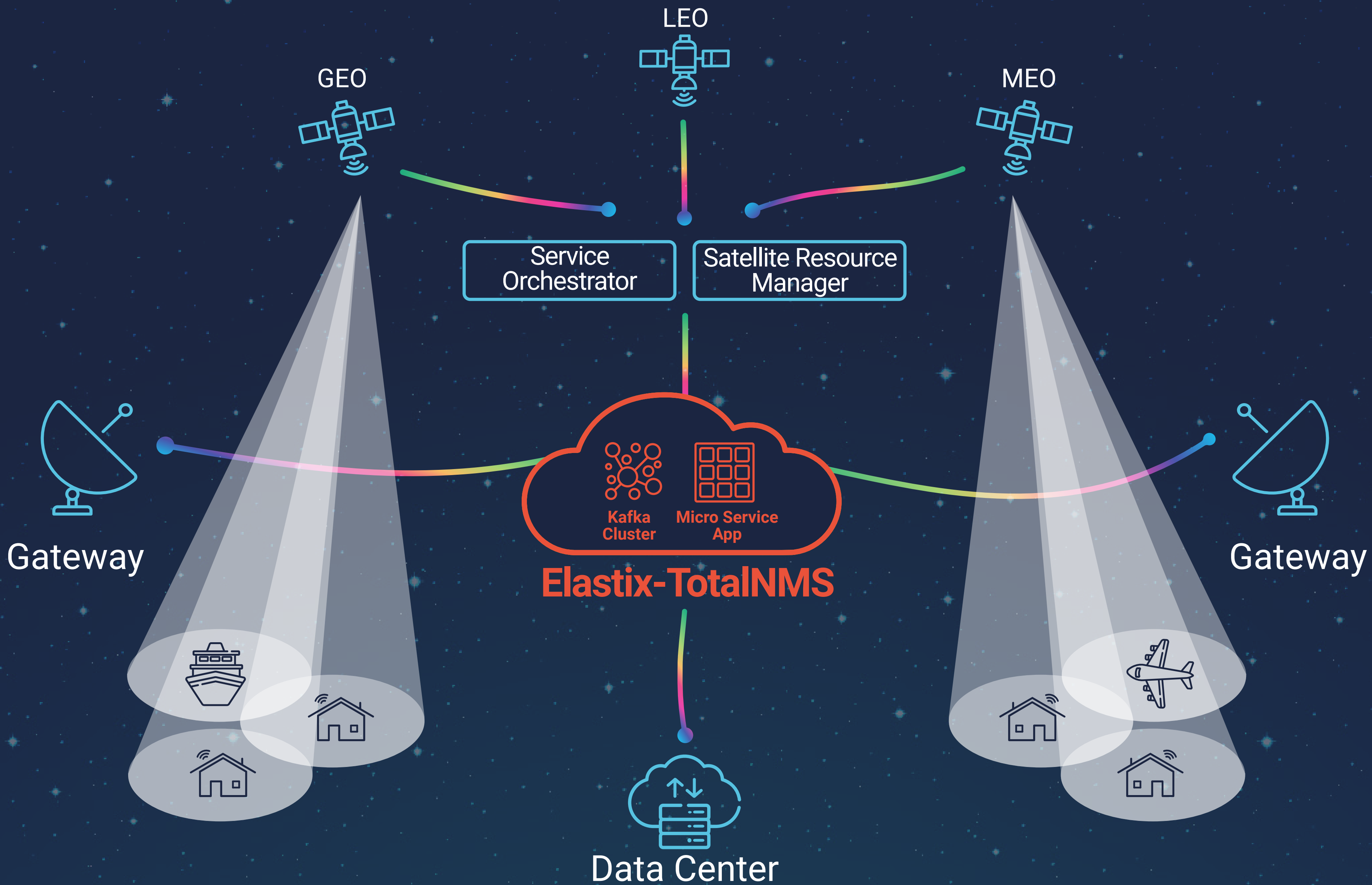
Smart management of multi-orbit networks and software-defined satellites
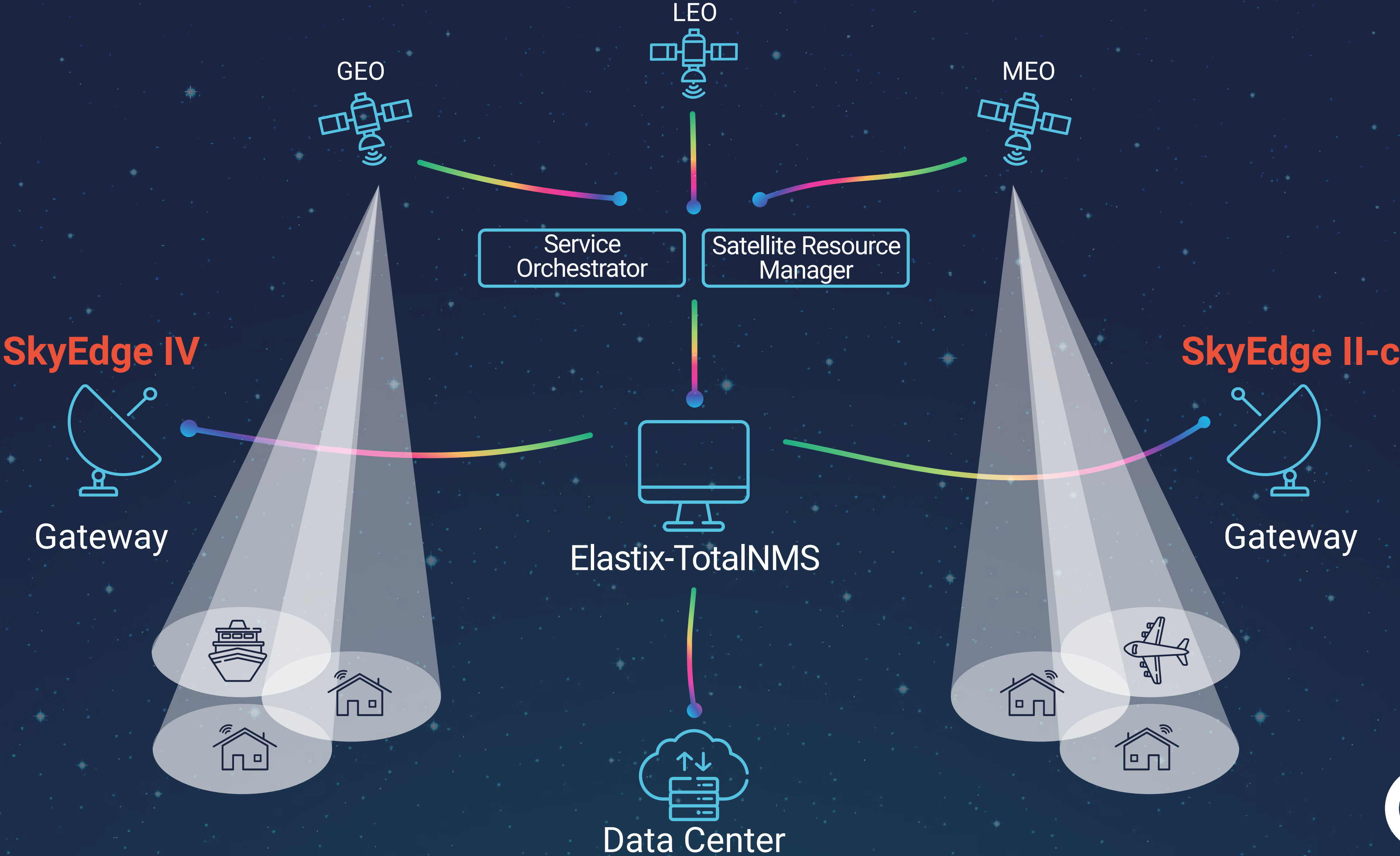

LEO

GEO

MEO

Service Orchestrator

Satellite Resource Manager

Gateway

Gateway

Elastix-TotalNMS

Data Center

Gilat

Integrates with Satellite Resource Managers (SRM) and service orchestrators, utilizing standard REST interface and Kafka Big Data Streams

LEO

GEO

MEO

Service Orchestrator

Satellite Resource Manager

REST | Kafka

Gateway

Elastix-TotalNMS

Gateway

Data Center

gilat
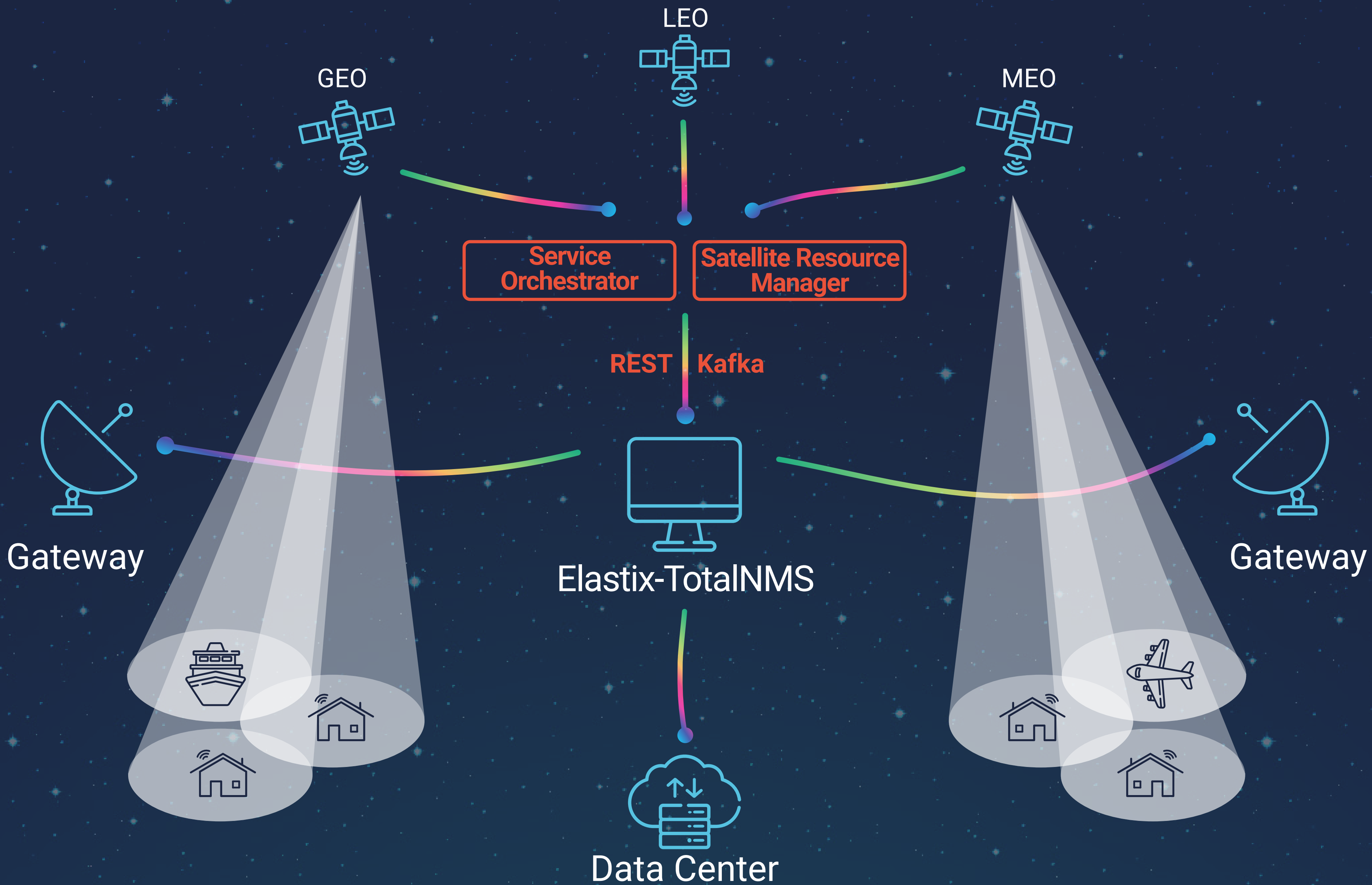
High scalability and availability with a cloud-native microservices-based Kubernetes architecture

Concurrent operation with SkyEdge IV and SkyEdge II-c deployments

LEO

GEO

MEO

Service Orchestrator

Satellite Resource Manager

SkyEdge IV

SkyEdge II-c

Gateway

Gateway

Elastix-TotalNMS

Data Center

gilat

Seamless and quick multi-orbit, beam and satellite handover

LEO

GEO

MEO

Service Orchestrator

Satellite Resource Manager

Gateway

Elastix-TotalNMS

Gateway

Data Center

ilat
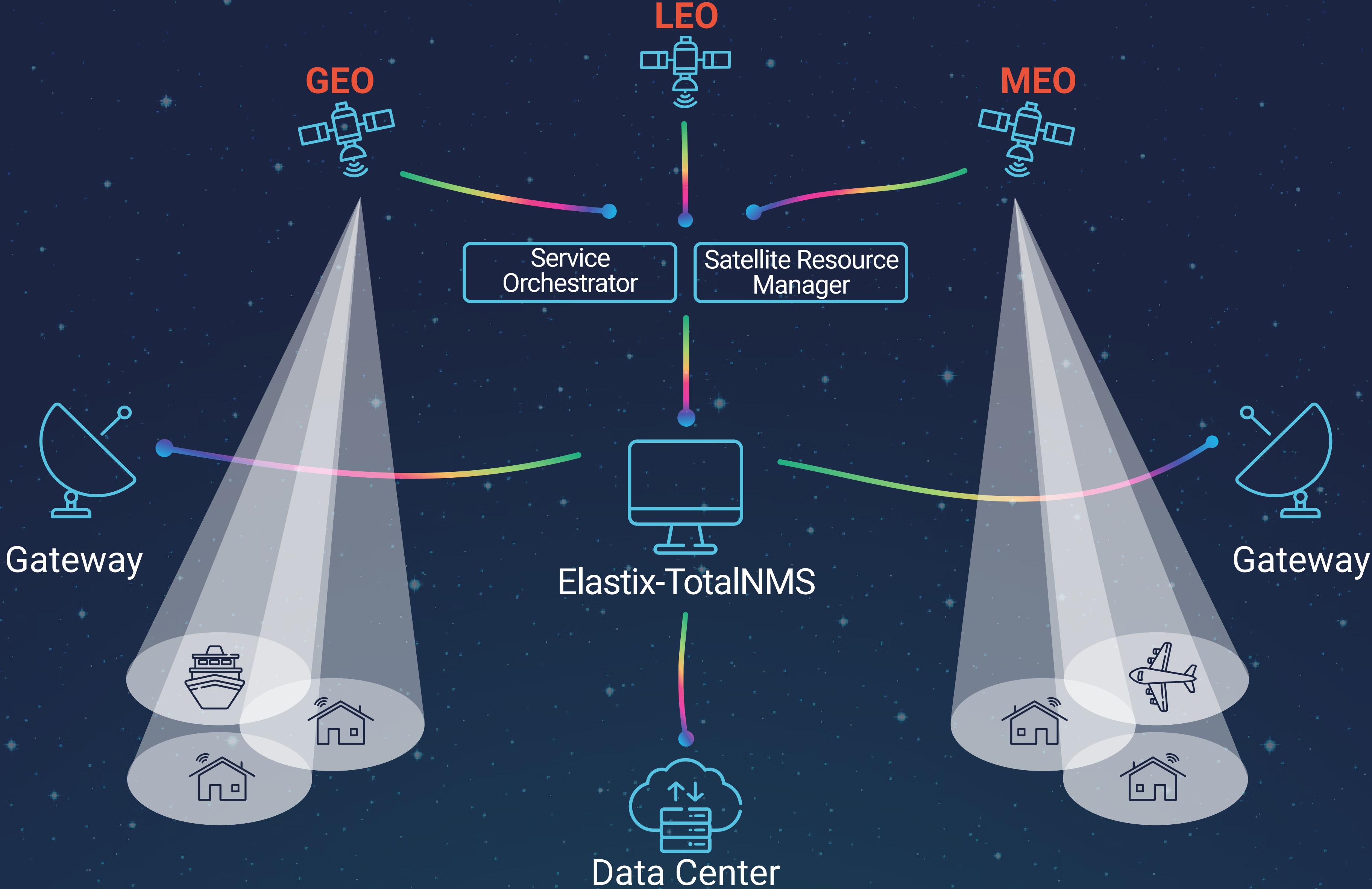
Rich service portfolio accommodates all MNO, Telco and ISP needs
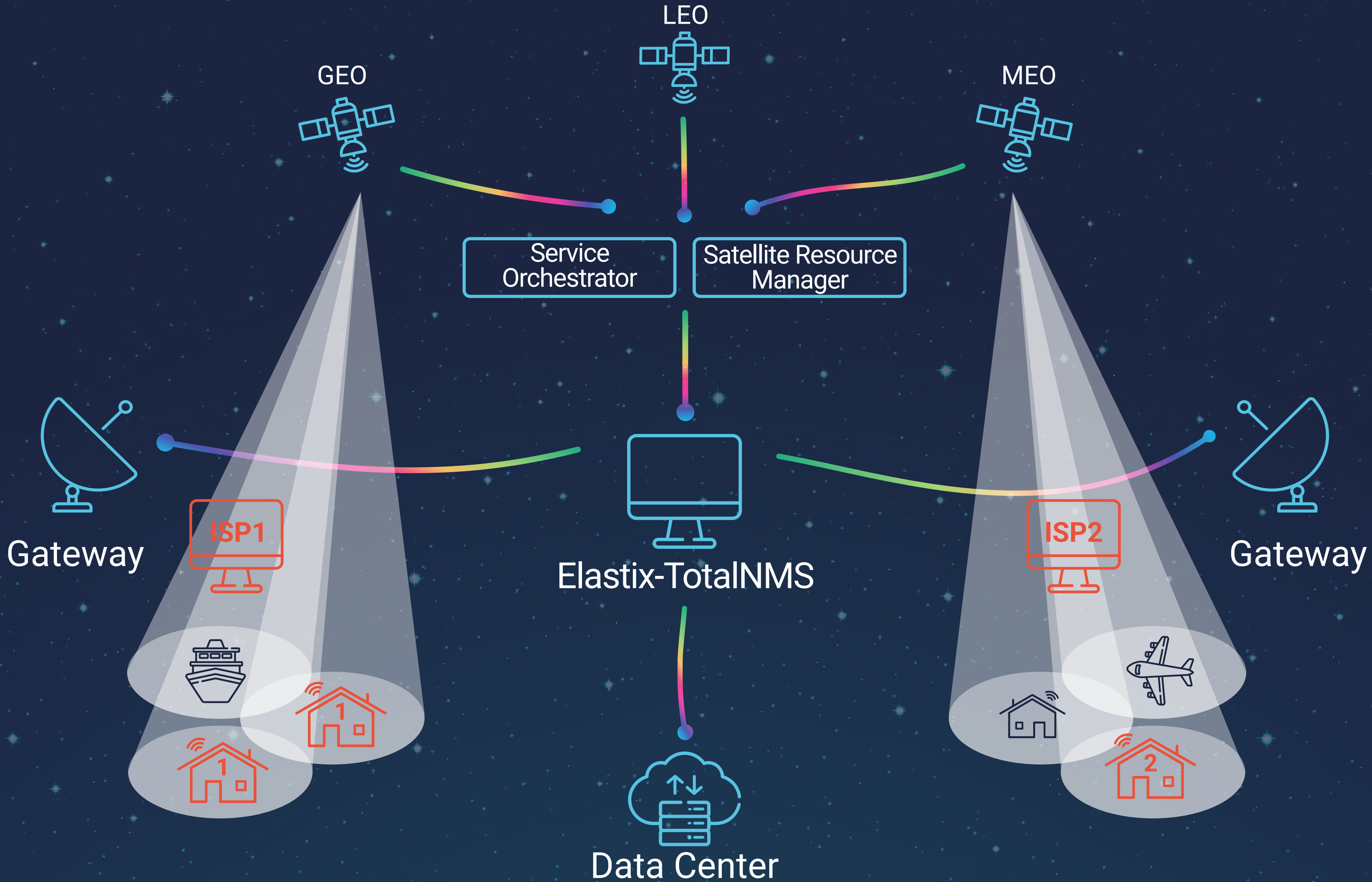
Simplified operation of the entire service life cycle in both SkyEdge IV and SkyEdge II-c deployments

Agile Network Configuration

Big Data and Analytics-based Service Assurance

Advanced Cross Constellation Mobility Service Management

Flexible Wholesale Business Models

Facilitated Service Orchestration and Automation

Always On Service Availability