

Customisable 5G Core Network and Intelligent Orchestrator

ASTRI's cloud-native Customisable 5G Core Network and Intelligent Orchestrator ensures flexible, reliable and rapid deployment for diverse industry applications. Featuring integrated observability, the 5G intelligent orchestrator simplifies network operations with service provisioning, real-time monitoring, and automated topology mapping. This all-in-one AI-enabled platform guarantees exceptional service quality with intelligent configuration and seamless performance management.

Industry Challenges

- Closed architecture and proprietary interfaces
- Complex operations and limited vendor interoperability
- Cross-domain coordination and provisioning inefficiencies
- Scalability and security concerns

Major Benefits

- Fully compliant with international standards
- Support multi-vendor gNB compatibility, customisation and scalability
- Lightweight Cloud-native architecture
- Intuitive centralised management
- Enterprise-grade security and flexible microservices design

Application Areas

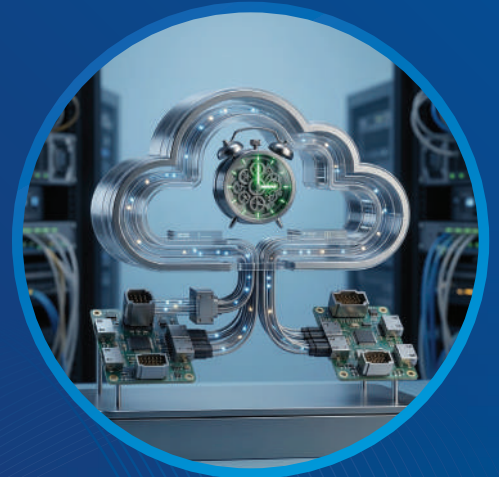
- Smart manufacturing
- Smart port
- Smart logistics

Collaborator(s)

Aerospace technology enterprise, electronics and electrical engineering manufacturer, telecommunications enterprise

Award(s)

International Exhibition of Inventions Geneva,
CAHK STAR Award,
Asia Smart Innovation Awards



Customisable 5G core network and intelligent orchestrator is an end-to-end 5G system for smart manufacturing

