

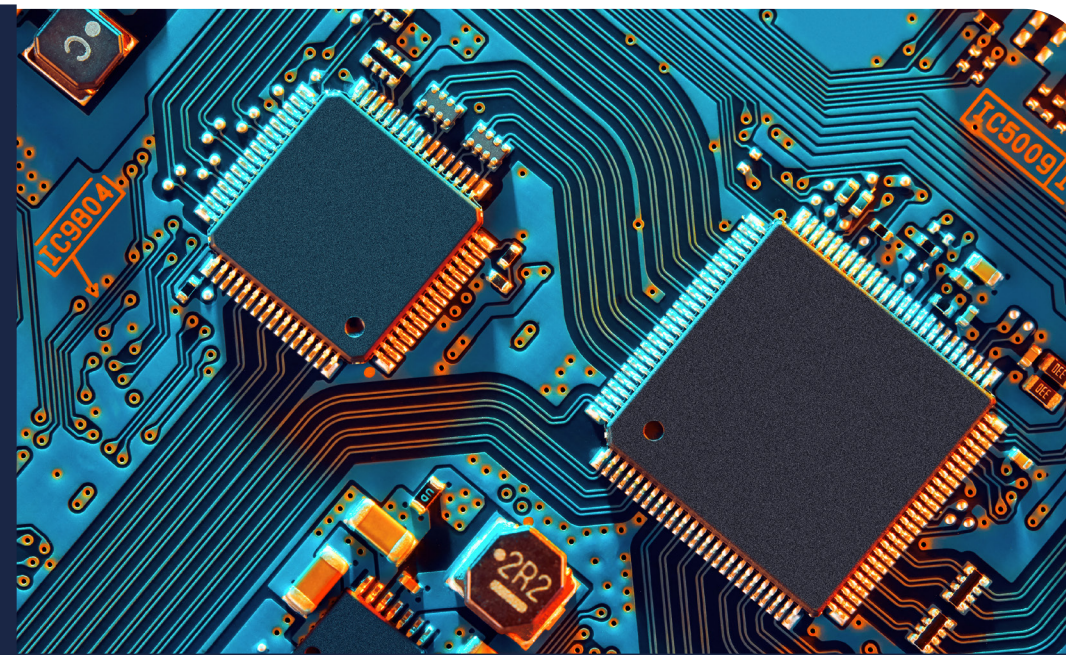
# Agentic & autonomous AI for business excellence

Minimizing energy consumption and maximizing network resource utilization in demanding scenarios, while generating new revenues



## The solution:

To enable CSPs to efficiently combine computing and networking services for enterprises, this Catalyst is applying distributed computing, digital twins, AI models, specialized platforms and advanced connectivity technologies. The goal is to minimize energy consumption and maximize network resource utilization in demanding scenarios, such as large model training and video rendering, while generating new revenues for CSPs and their customers.



## Addressing the challenge:

As the quality and capabilities of business applications are enhanced, this creates more complex challenges in resource supply, collaborative operations, and energy management. To address these challenges, the team is co-creating:

- An **operational environment** that integrates computing and network resources, all driven by business intents.
- This environment will have the ability to rapidly schedule resources to **meet any demand**, dynamically adjust in real time, operate autonomously across domains, and be sustainable—ultimately reducing costs.
- This solution will be applicable to **any future scenario** requiring computing and networking.



This Catalyst can help improve the operational capabilities of operators, move towards high-level autonomous operations, expand the operational scope of operators, jointly operate various computing and network resources, and reduce operating costs at the same time.

Offering “AI medical imaging” services demonstrates operators’ advanced capabilities in areas such as high-speed networks, cloud computing and AI integration. This helps to enhance the operator’s brand perception as a technology leader and attract more customers in other industries and gain a larger market

**YANG JIANJIAN**  
Director



## Business impact:

Automate **60%** of operations, boost resource utilization **+40%**, and halve operating costs.

### Benefits for Healthcare customers:

- Lower costs
- Dramatically faster diagnostics
- Improved accuracy

### Benefits for the wider industry:

- Scalable delivery
- Rapid deployment
- Autonomous operations

### Champions:



### Participants:

