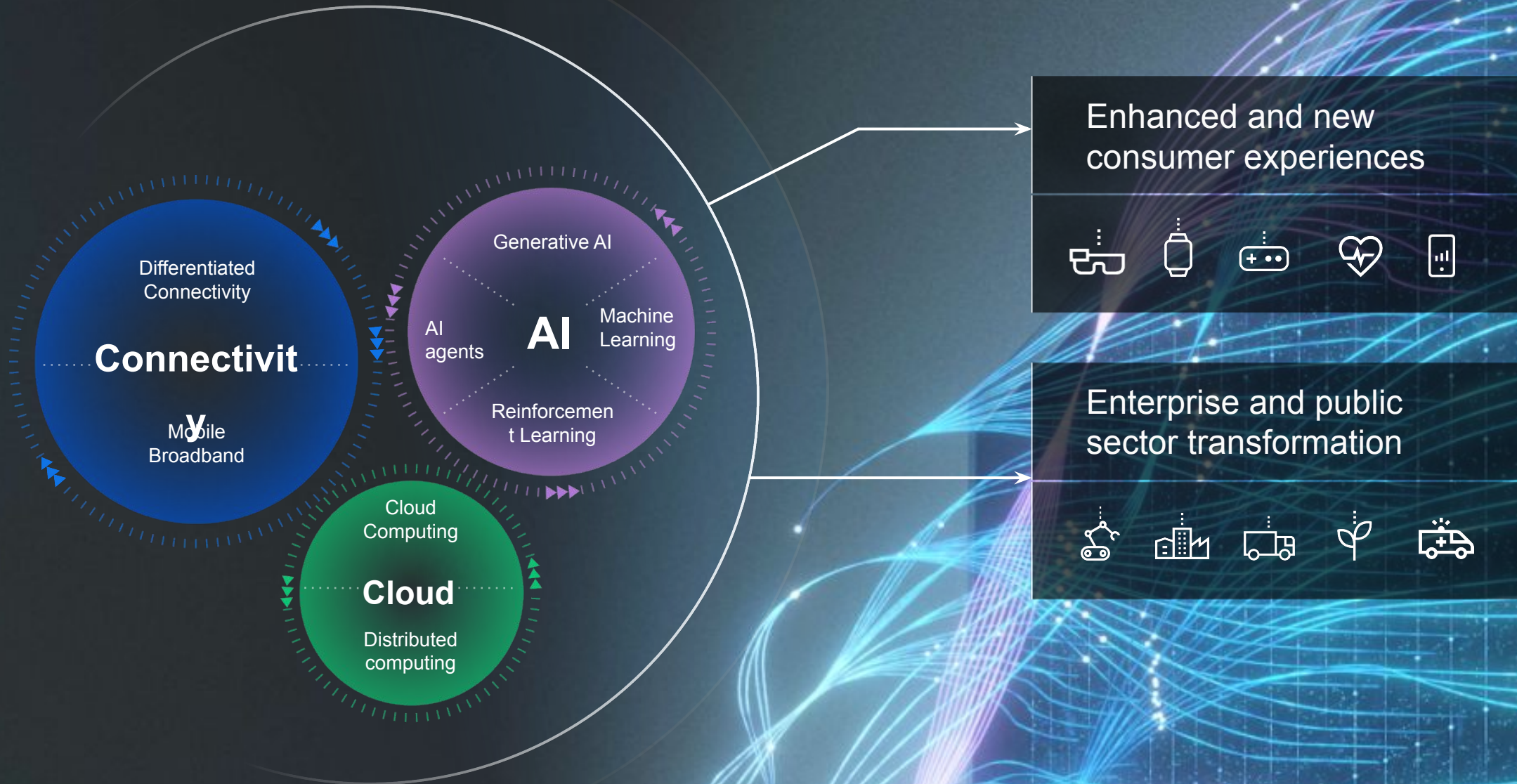
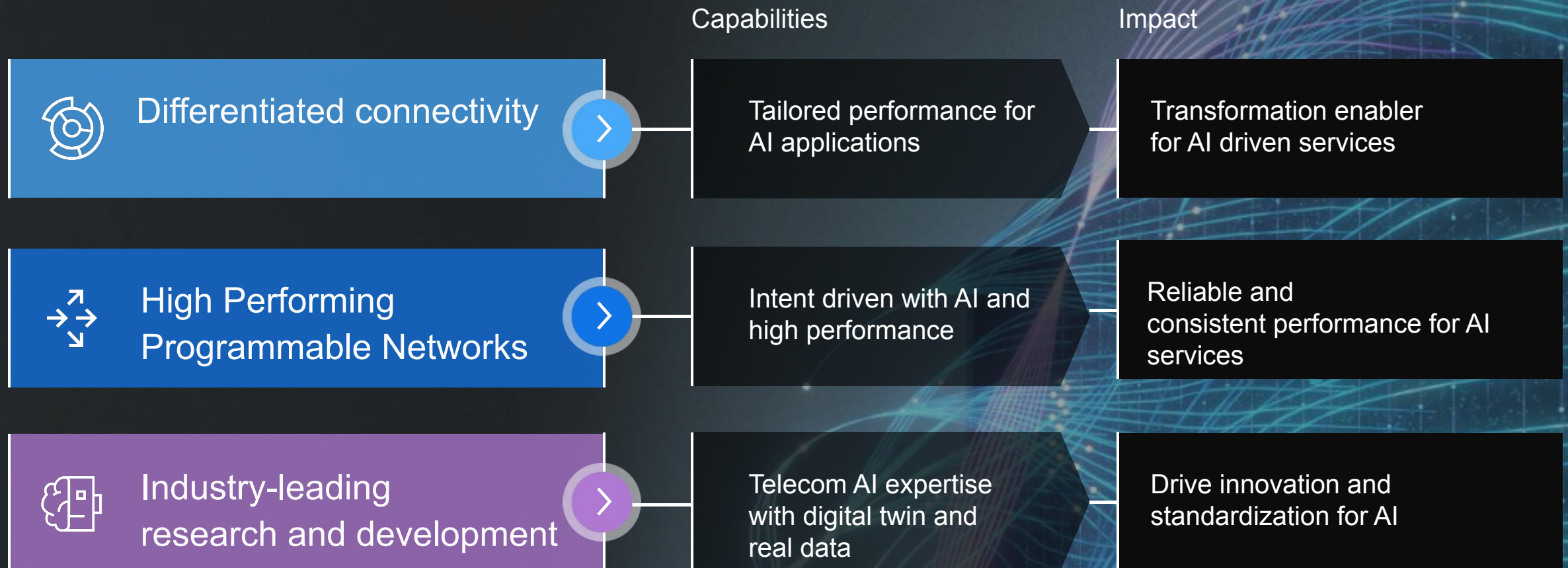


Harnessing the Power of AI in Telecom Networks Ericsson & Bell collaboration

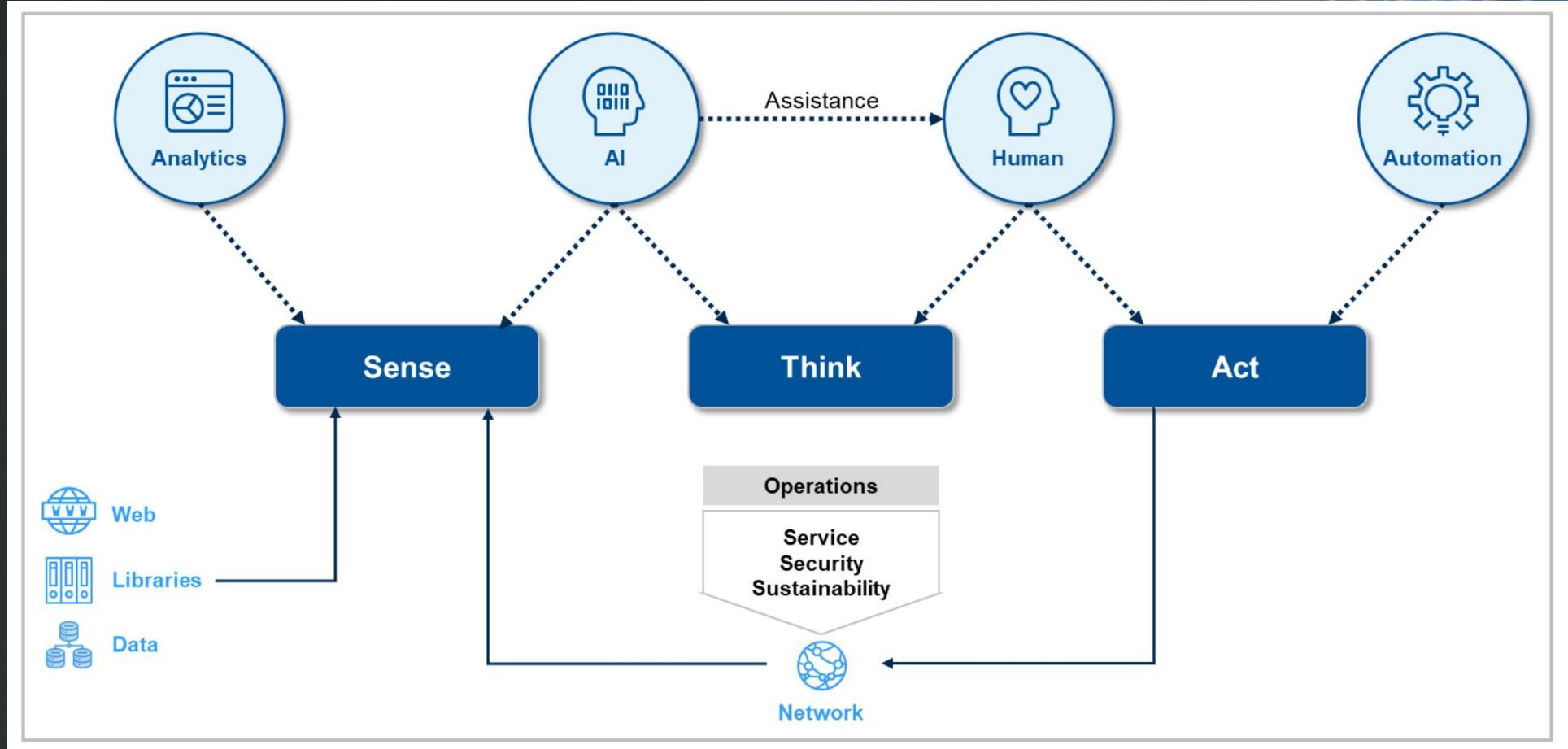
AI and connectivity shaping society



Networks AI driven transformation



What is an autonomous network?



Applying AI to the Network

Bell



Real-time observability

Faults, logs, metrics, customer experience indicators, complaints, configurations, etc.



Anomaly detection

Multi-variate time series detection on key network performance metrics.



Graph correlation

Focusing on customer impact by intelligently correlating abnormal traffic patterns and failures with network incidents.



Root cause analysis

A combination of Graph Neural Networks, GenAI, and rules-based approaches to achieve automated RCA.



Automated remediation

Manually triggered remediation, GenAI recommendations and closed-loop automation to achieve fastest resolution.

ENABLED BY



AI-Native Networks

Embedding AI capability natively in the network at all layers of the network stack

Address bottlenecks and high demand

AI native Link Adaptation in field



Once the driver connects both cellphones to the base station, the throughput testing can begin



AI in Networks roadmap: Paving the way for high-performing programmable networks

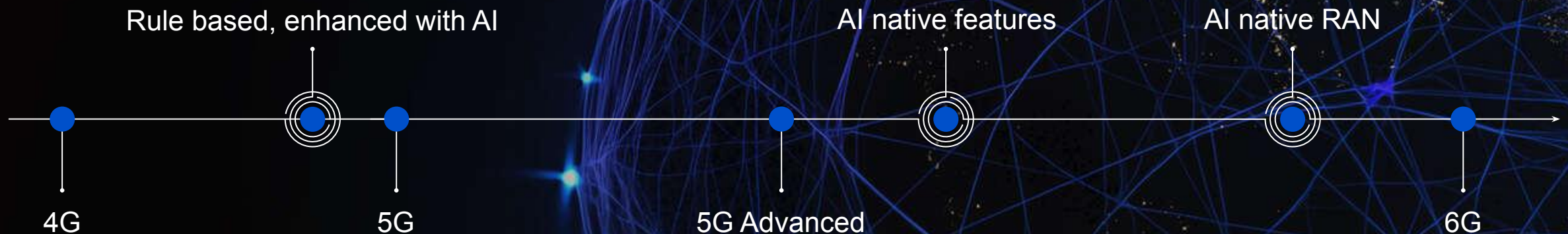
Bell



Programmable networks

Enabling business innovation and operational efficiency

High-performing networks for best user experience and sustainability





In
partnership
with

Bell