

Aspire Telecoms Automation Platform



Facing challenges on your digital transformation journey?

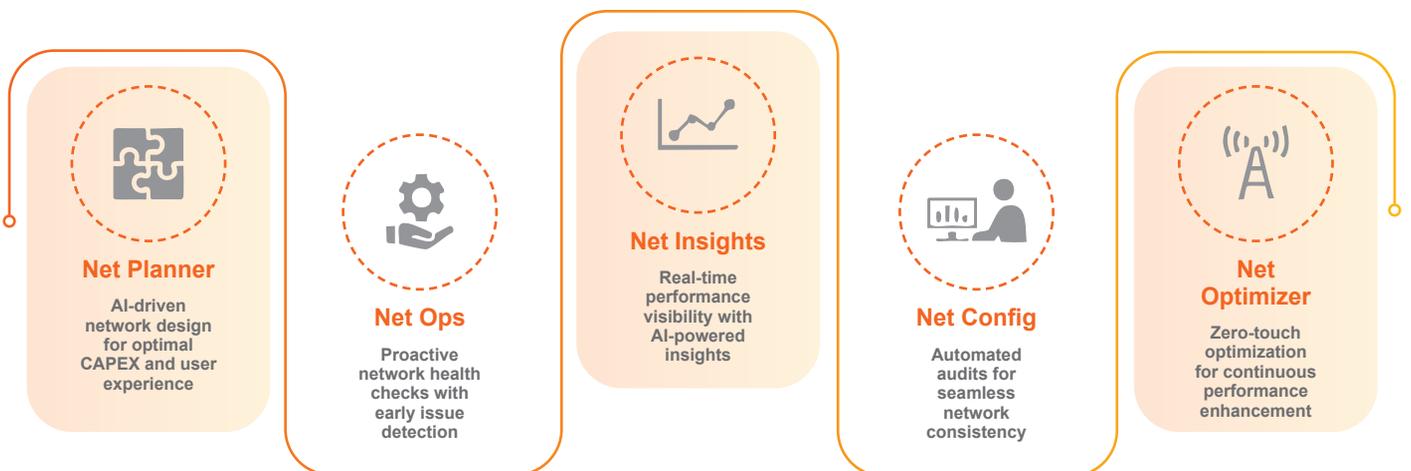
In pursuit of increased operational efficiency and reduced operational costs, telecom operators are navigating through their complex digital transformation roadmaps. Recent studies within the telecom industry show widespread concerns about the challenges posed by outdated systems, with almost 3/4 of telecom executives citing legacy systems as a major barrier to achieving automation goals.

With network downtime costing an average of \$5,600 per minute, the pressure to enhance reliability and reduce manual processes is critical. Additionally, the demand for improved user experiences has skyrocketed, with more and more customers expecting seamless connectivity. Addressing these challenges is essential for sustaining competitive advantage in the contemporary telecom industry.

Complete E2E fixed and mobile network cycle management solution

Aspire Telecoms Automation Portal (ATAP) is a powerful suite of software applications designed to drive operational efficiencies and boost network performance for mobile, fixed, and enterprise operators. By automating manual tasks and streamlining operations, ATAP reduces OpEx, accelerates operators' digital maturity, and enables

engineers to focus on higher-value activities. The platform ingests data from various sources, providing a holistic view of the network, and supports open or closed-loop configuration for zero-touch optimization, accelerating digital transformation. ATAP is divided into 5 categories to tackle different stakeholders and use cases.



ATAP enables operators to maximize their network performance and efficiency through the following benefits:

- Maximized investment efficiency with AI-driven network planning
- Detected and resolved network issues before they impact user experience
- Gained real-time performance insights across vendors and domains
- Automated network adjustments for continuous, seamless performance and increased reliability
- Simplified and automated workflows for increased operational efficiency



Partners in the digital transformation journey

While there are numerous applications and tools in the market, our added value lies in our tailored approach and deep industry expertise in helping operators achieve higher automation levels. We collaborate closely with our clients to identify the current state of their digital maturity as per TM Forum specifications, to address their specific challenges and to develop solutions that align with their unique roadmap to achieve the desired digital transformation. This includes maximizing usage of committed investments in software and automation tools, while reducing

existing unused or unfit software license and support costs to integrate new use cases and automate entire workflows and processes, evolving towards zero touch. Our expert team provides support in enhancing customer-centricity focus by incorporating end-to-end customer experience visibility, proactive monitoring, and automated AI-based optimization. By leveraging our platform's capabilities, we empower operators to incorporate automation and customer centric insights into business processes.



References

GROUP OPERATOR
Central America

TIER 2
Europe

TIER 2
Europe

TIER 1
Middle East

Zero-touch network audit

Automation program to enable a zero-touch network audit to continuously assess network configuration consistency across vendors and technologies. Inconsistencies were reduced by 99%, improving network performance, reducing human error to zero and enabling engineering teams to focus on higher-value tasks.

Digital Transformation Program

Multi-year automation program with Cross-business and Cross-function use cases and workflows leveraging artificial intelligence at the group level and across all operator markets. 100+ use cases deployed, enabling increased network reliability, efficiency, and consistency while minimizing OpEx.

Fixed network automation

Enabling proactive operation and support for wholesale fiber connectivity providers through software automation. The program enabled a reduction in the meantime to repair (MTTR), SLA adherence, and improved customer experience.

RAN network planning managed services

Digital transformation program included in managed services for RAN network design and planning on a multi-technology and multi-vendor network. Aspire's software solutions enabled the efficient and automated usage of CAPEX investment to achieve target user experience utilizing artificial intelligence for prediction of traffic growth.

About Aspire

Aspire, a subsidiary of NEC Corporation, delivers highly specialized network services and software solutions to fixed and mobile operators and large enterprises, vendors, system integrators, and technology partners across the whole network lifecycle.

Our expertise covers all network domains and technologies including Telco Cloud for all major vendors. We are truly end-to-end and multi-vendor.

We deliver projects globally, with an international expert team of network and software engineers located all around the world. We leverage our Open Lab in Europe featuring over 30 vendors across Cloud and NFV, in addition to NEC Labs globally.

Learn more on our [Cloud Third-Party Support](#)

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