



aspire
an NEC company

Perfecting
Networks

ABOUT US

Aspire Technology was established in 2010 by a team of highly experienced network engineers and project managers. Networks are in our DNA.

We identified a market needing our unique combination of end-to-end and multi-vendor network expertise and our suite of automation tools and applications, providing our clients with an independent partner they can rely on.

We are very proud of our global reach, building our reputation with proven results over time. Providing our customers with reliable expertise and service, we have grown to deliver solutions in over 50 countries and continue to grow.

Thanks to our heritage in delivering Radio Access Network development for major vendors, along with other software development, we are covering all phases of network deployment – from strategy definition and design, over rollout to support and tuning, with different vendors, gave us unique expertise, skillset, and solutions.

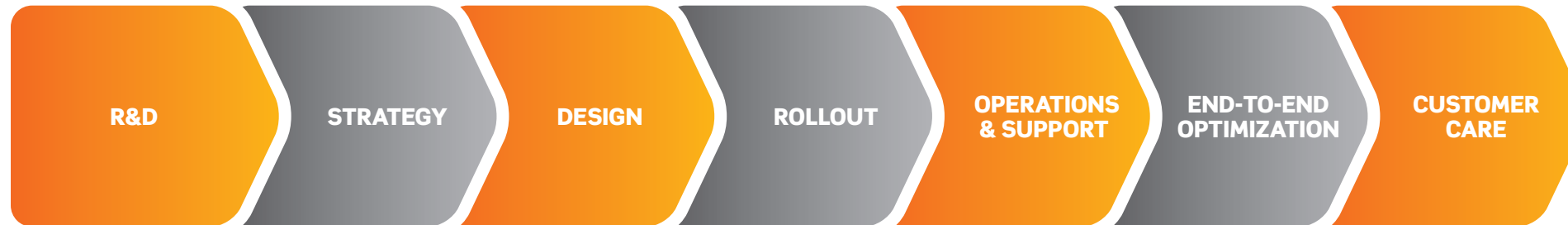
NEC Corporation recognized our value and the need to strengthen their portfolio and capability, leading to the acquisition of Aspire Technology in July 2022 and expanding the company globally. We are now NEC Aspire Technology.

From seamless network deployments to innovative solutions for overcoming operational challenges, the power of teamwork and expertise cannot be overstated. In the ever-changing telecommunications arena, the efforts of people who orchestrate diverse components and technologies yield results that surpass individual capabilities.



EXPERTISE ACROSS THE ENTIRE NETWORK CYCLE

TOOLS, AUTOMATION, AI/ML



CONSULTING, PROFESSIONAL SERVICES, MANAGED SERVICES

FIXED & MOBILE, MULTI-SYSTEM, MULTI-VENDOR

WHY CHOOSE ASPIRE



Networks DNA with multi-vendor end-to-end capabilities, including R&D and real-world operator experience



Deep cross-domain competence, combining software and services, leveraging our AI/ML-based Network Automation Platform



Open Networks Lab integrating reference architectures, transitioning from Lab to Field, interwork with traditional networks, Open RAN standardization, and product development



Telco Cloud & SMO experience with Kubernetes, ONAP, and OSM open standards



Partnership approach with references in Tier-1 Operator Groups, Supplier, and Global SIs

WHAT OUR CLIENTS SAY ABOUT US



“Omantel has had a high focus on people development and Aspire was instrumental not only in continuously training our engineers and enriching their knowledge but also in working with us on creating a data-driven decision-making culture by introducing data analytics and automation to day-to-day tasks.

Aspire has also been supporting us in better management of capacity and ensuring we expand only when there is a return on investment with their smart CapEx methodology.

We look forward to growing the collaboration with Aspire in the future, leveraging the experience they have with other operators, and possibly extending that collaboration to the new owners, NEC Corporation. Thank you!”

Dr. Ali Al Hashmi

General Manager Network | **Omantel**



“The Aspire team has proven themselves as remarkable partners and exceptional engineers, going above and beyond in supporting the Vodafone UK team.

Their invaluable expertise and unwavering commitment played a pivotal role in enabling our team to attain this year’s award for London’s Best Network from NET CHECK GmbH.

We are grateful for their contributions and the collaborative spirit that drives our success.

Thank you, Aspire!”

Andrea Dona

Chief Network Officer | **Vodafone UK**



“Digicel has gone through a significant modernization and digital transformation program in the past 5 years, including transitioning from a single-vendor to multi-vendor networks. In our current network environment, the use of automation and AI is critical for bringing operational efficiencies and enabling the deployment of new services across our mobile, fixed, and enterprise businesses.

As the telecommunications landscape is transformed by the convergence of IT and Networks, and with the emergence of artificial intelligence, Digicel’s partnership with Aspire is central to the success of this program, enabling us to execute our strategy for growth.

Aspire’s global experience and expertise in both software and services help Digicel to improve operational efficiency, quality of networks and offer the best-value network experience to our subscribers.”

Prashant Singh

Global Director - Strategy & Architecture |
Digicel Group

SOLUTIONS

NETWORKS SOLUTIONS

Network Planning & Design
Network Rollout
Network Optimization
Network Operations & Support
Energy Efficiency

MULTI-VENDOR, END-TO-END & REALIZING THE VALUE OF AUTOMATION

We provide next-generation end-to-end network services, leveraging automation and AI. Our software engineers have decades of experience combined with real-world telecoms knowledge. Aspire is a one-stop shop for multi-vendor automated network rollout and transformation, AI-assisted network design and optimization, network support, and managed operations.

OPEN NETWORKS

Open Networks Lab
Research & Development
Integration & Verification
Telco Cloud & Orchestration
Private Networks

INTEGRATED, HIGH-PERFORMING & ACCELERATING ECOSYSTEM DEVELOPMENT

Our team has supported the development and testing of networks from 2G to 5G, and we now bring this experience to open disaggregated networks. Our references span the open networks lifecycle, encompassing Traffic Application, Telco Cloud, Server hardware, and Service Management & Orchestration, working with Kubernetes, ONAP, and OSM open standards.

CONSULTING

Technology Strategy
New Technology Introduction
Procurement Strategy
CapEx Optimization
Operational Efficiency

INDEPENDENT, BUSINESS-ALIGNED & REALIZING THE VALUE OF YOUR NETWORK

Our consultancy team is ready to assess your organization and challenges and to help you choose the right technology strategy for your business needs. We audit your practices and network performance and offer solutions that reduce costs, re-engineer processes, and help you truly realize the value of your network.

AUTOMATION PLATFORM AND APPLICATIONS

NETWORKS SOLUTIONS



Network Planning & Design

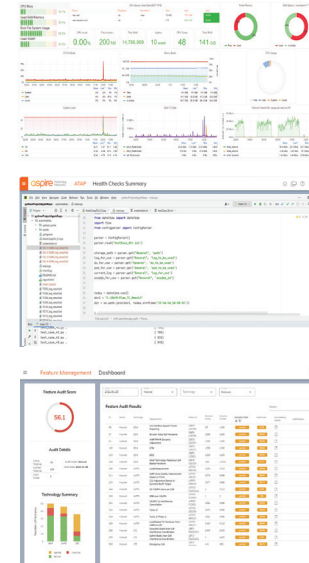
Network Rollout

Network Optimization

Network Operations & Support

Energy Efficiency

OPEN NETWORKS

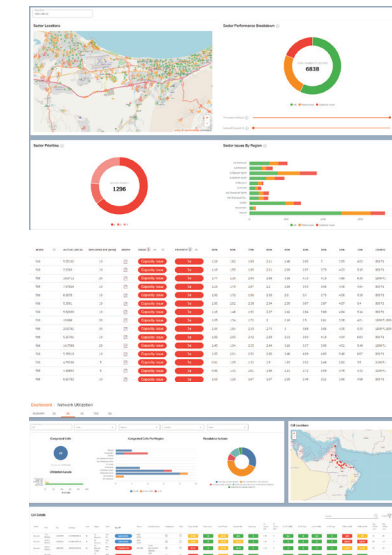


System Monitoring & Supervision

E2E Test Automation

Configuration Management & Consistency Audit

CONSULTING




CAPEX Optimization

Capacity Management

3G Sunset

SUCCESS STORIES & REFERENCES

NETWORKS SOLUTIONS

Winning the network performance benchmark 
VoLTE performance improvement project
Smooth 3G Shutdown
Successful Cloud support engagement
Reducing Energy Consumption in Mobile Networks

OPEN NETWORKS

Integration of 3rd party components with ONAP compliant SMO
Cloud Performance Lab project for one of the world's leading mobile operators
Private Wi-Fi Network performance and availability
SS7 firewall and IMS onboarding automation
Aspire Technology Governance rApp

CONSULTING

Smart CapEx planning project
Capacity solutions assessment for Group Operator in Africa
5G standalone deployment
Paving the way to a world-class Global Network Operations Center
Streamlining Operations: reducing alarm volume by millions

LATEST PUBLICATIONS

Whitepaper “Determining the Right Hardware for Open RAN Deployment” published with Intel
Whitepaper “Reducing Energy Use and Carbon Footprint of Open RAN Networks” published with Intel
“Special Issue on Open Network Technologies “ NEC Technical Journal



CLICK
ON LINK

START YOUR JOURNEY WITH US

At the heart of our company's mission lies a **dedication to providing expert-led Services and Software Solutions** to network operators and technology partners globally. We take great pride in our identity as a **vendor-independent company**, committed to taking Networks to the next level in terms of performance, efficiency, and future-proofing.

Our journey begins with a vision of **Perfecting Networks**. At our core, we see ourselves as **network specialists realizing network value from an end-to-end perspective, every day**. Our roots are in network products Research and Development (R&D), complemented by decades of experience combined with real-world telecoms knowledge. This unique blend forms the foundation of everything we do.

Our clients choose us to gain an independent view, provided by experienced engineers across fixed and mobile networks who have solved many other clients' concerns and have evolved with those clients.

Our company's journey is one of continuous innovation, driven by a passion for solutions and a commitment to empowering our clients and society. As we move forward, we remain firm in our mission to provide the best-in-class Services and Software Solutions that propel the telecommunications industry into a future brimming with possibilities and transforming other industries.

To explore how our solutions can enhance your business or to request further information, don't hesitate to reach out to us. Our team is readily available to assist you and address any inquiries you may have.





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