Chief Network Architect/Designer - Temporary
Location: Western Europe or Asia

Introduction to TM Forum
We are an alliance of 850+ global companies working together to break down technology and cultural barriers between digital service providers, technology suppliers, consultancies and systems integrators.

Our work is defined by our members, which include 10 of the world’s top 10 network and communications providers and stretch across 180 countries. Our members tap into each other’s collective experiences and abilities to collaboratively solve complex industry-wide challenges, deploy new services and create technology breakthroughs to accelerate change.

We help communications service providers (CSPs) and their suppliers to digitally transform and thrive in the digital era. We do this by providing an open, collaborative environment and practical support which enables CSPs and suppliers to rapidly transform their business operations, IT systems and ecosystems to capitalize on the opportunities presented in a rapidly evolving digital world. You can learn more at www.tmforum.org.

Diversity & Inclusion at TM Forum
TM Forum is an Equal Opportunity Employer that does not discriminate on the basis of actual or perceived race, creed, color, religion, alienage or national origin, ancestry, citizenship status, age, disability or handicap, sex, marital status, veteran status, sexual orientation, genetic information, arrest record, or any other characteristic protected by applicable federal, state, or local laws.

Job Overview
The TM Forum, at the request of its members, has increasingly been exploring how to support the operations and management of virtualized network components. Increasingly we see the network becoming software, and we have been looking to apply the principles and techniques applied to managing software components in the IT space to the network domain. As a consequence we are looking to recruit a Chief Network Architect/Designer. This is a 6 to 9 month temporary position.

If you can imagine a network made up from software components, running on virtualized infrastructure (cloud), with each component exposing its business capabilities via industry standard Open APIs then you will understand the complexity of the problem and the magnitude of the transformation opportunity that we foresee. We have already developed a suite of Network as a Service (NaaS) Open APIs, but now need to expand the thinking further into the network domain. Do you have a deep knowledge of network technologies and network design as well as an in depth understanding of IT architecture and software engineering design skills such as IT pattern matching and abstraction?

We are looking for someone to provide strong technical leadership with a rigorous engineering and operational excellence mindset, a highly collaborative and inclusive attitude, and a desire to be hands-on. This role provides technical leadership for our collaboration projects, helping our customers bridge the
gap from traditional telecoms IT systems and operational processes to the new ‘cloud native’ world of Open APIs, microservices, model driven architectures, DevOps, and game-changing technologies such as Cloud Native IT and Networks, Autonomous Networks and Edge Computing. Balance the need to drive forward new thinking in response to technology and industry trends while at the same time supporting TM Forum members to transform their traditional telecoms IT and network systems and processes for this new world.

**Day to Day Responsibilities**

- Will be capable of providing strong technical leadership to the Cloud Native Network and Autonomous Operations project leads across a variety of systems and network technical areas. This is a broad technical role covering various areas in network, OSS, BSS and IoT architecture and solutions and requires a good understanding and practical application of strategic new and emerging technologies to new and evolving business and operating models.
- Ensuring that TM Forum architecture, methods, technology standards and best practices are maintained.
- Ensuring TM Forum remains compliant to Legal, Regulatory and Security requirements and membership by-laws.
- Responsible for consistency of solutions across TM Forum to enterprise level standards, best practice and development of patterns/policies for re-use.
- Ensure project deliverables are fit for purpose and provide an effective and timely tool to guide downstream decisions.
- Promotes the work of the TM Forum externally with members, other partners and SDO’s by speaking at events and conferences and through written publications (e.g., whitepapers, articles, blogs etc.)

**Your Experience**

- Substantial practical experience of designing and building network architectures and solutions.
- Strong track record of leading digital transformations including identifying architectural patterns, creating abstract models and developing practical solution designs.
- Will have a broad technology knowledge being deep in some areas, the ability to learn quickly and adapt are key to this role.
- Strong technical knowledge of fixed and mobile network technologies as well as cloud native technologies.
- Maintaining and communicating up-to-date knowledge of technology standards, industry trends, skills change, and emerging technologies.
- Technology knowledge in Containers, CI/CD, Automation, Load balancing, Functions, Database as a Service, Serverless, Artificial Intelligence, Machine Learning, Blockchain.
- Strong Understanding of traditional application architecture and cloud native application architecture and their relationships to transformation activities
- Knowledge of Cloud/Hybrid commercial models
- Analysing and translating business needs into long-term solution data models.
- Working with the development team to create conceptual data models and data flows.
- Developing best practices for data coding to ensure consistency within the system.
- Reviewing modifications of existing systems for cross-compatibility.
- Bachelor's degree in computer science, information technology, or a similar field.
- Advanced troubleshooting skills.
You will understand customer (internal and external) needs and keep customer satisfaction at the forefront of your work.

Digital business literacy including understanding business models, ecosystems and business model innovation. Experience of agile methods and their implications for Enterprise Architecture

Good understanding of strategic and new and emerging technology trends, and the practical application of existing, new and emerging technologies to new and evolving business and operating models

Technology neutral; remains unbiased towards any specific technology or vendor choice. Displays intellectual curiosity and integrity

Person Specific

- A passion for and interest in technology solutions specifically in the fields of IT and networks within Telecoms
- Experience working face to face with customers in a consultative environment building rapport and long-standing relationships
- Experience with team management.
- Familiar with agile product development methodology.
- Proven capability of seeking out customer insights and understanding customer feedback to work with internal teams to validate business requirements
- Confident liaising with all levels of seniority
- Has strong interpersonal skills and the ability to build rapport and create longstanding relationships.
- Excellent organizational and analytical skills together with strong time management
- Ability to pick up new systems, duties, and processes easily
- Excellent communication skills, both verbally and written
- Highly self-motivated and resilient individual
- Positive, proactive, and collaborative team player with the ability to work with colleagues in an open, friendly manner

For immediate consideration, please email your resume to recruit@tmforum.org.

An Equal Opportunity Employer

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