Top Skills

Enterprise Architecture

Mobile Core

Fiber to the Home (FTTH)

Certifications

Image and video processing: From Mars to Hollywood with a stop at the hospital

Digital Signal Processing

Software Defined Networking

C++ For C Programmers

Eduardo Panciera

Director of Technology and Core Network and Services
Argentina

Summary

As a Technology Transformation Leader, I work at the intersection of advanced networks, software architecture, and AI-driven automation. My mission is to build the next generation of telecom platforms — programmable, autonomous, cloud-native, and powered by open-source innovation.My background spans 4G/5G Core, transport networks, fixed and mobile access, multicloud and edge architectures, and end-to-end orchestration (TM Forum ODA). I also have deep experience in designing and operating large-scale network domains — including IP/MPLS transport, FTTH, HFC, and RAN ecosystems — ensuring high availability, scalability, and performance across convergent infrastructures.In addition, I have hands-on experience with video streaming systems, content workflows, and CDN architectures, enabling optimized delivery for mass-scale consumption and latency-sensitive applications.My engineering foundation includes distributed software architecture, the integration of open-source components, and the design of modular, cloud-native platforms aligned with modern DevOps and automation principles.I lead initiatives that combine strategy, architecture, and execution: 5G SA deployments, CUPS and slicing, inventory modernization, API exposure through Open Gateway/CAMARA, autonomous network frameworks (AN-L3/4/5), and AI/ML-powered closed-loop operations. I specialize in translating complex technical capabilities into real business impact: operational efficiency, improved customer experience, and API-driven monetization.I actively participate in GSMA and TM Forum programs, contributing to global initiatives in open APIs, NaaS, autonomous networks, and digital transformation.Open to collaboration on telecom/techco innovation, network architecture evolution, software platform design, Autonomus Networks and Digital operations.

Experience

Telecom Argentina

Chief Technology Architect
2010 - Present (15 years)
Buenos Aires, Argentina

Eduardo is a senior expert in information technology, computing systems and telecommunication. He has been in the industry for more than 20 years and has been working in operations, planning, designing and architecture, leading teams and working with technologies such as networks function virtualization, cloud technologies, fixed and mobile access technologies, and end-user service platforms.

He has developed several multimedia service systems based on open-source software projects such as telephony, video, wireless, and monitoring platforms.

His last achievements consisted on leading the architect and engineers group for migration from legacy on-premise access network system to cloud-based access services as well to design and deploy the OTT video platform which provides the video delivery in Telecom, and starting with the first of 5G wireless services.

Nowadays, as Chief Technology Architect, he has the goal to define the evolution and technological strategy of the company with focus on the digital service transformation based on hybrid cloud, network virtualization and 5G. He leads and work together with a group of 40 system and network architectures engineers to perform these projects and initiatives.

Cablevision S.A + PRIMA
Jefe de Telefonia- Ingenieria
February 2005 - May 2010 (5 years 4 months)

Ingenieria/Tecnologia de redes NGN
Implementaciones VOIP/Telefonia IP/SIP/Packet Cable

UOLSinectis
Ingenieria de redes
2001 - 2005 (4 years)

Engineering coordinator
Planning, installation, and start-up of 10 national POPs.
Deployment of network connectivity that allows nationwide using IP/Frame Relay.
Deployment of Integrated services for voice and data network nationwide
Setup of PBX in the 10 POPs, to perform a distributed call center. Deploying an IVR system for distributed Call Center.
Designing and implementation of Routing Policy. OSPF/BGP/MPLS

eMail , SMTP/POP/IMAP.

Web services based on Apache, Data Base (MySql), Perl.

Implementation AAA Services

Traffic balancing using proxies's Servers and OpenSource developments(Squid).

Developing preventive maintenance plans in the transport network.

Implementation of the NOC (Network Operation Center).

Policy development and implementation of quality of service (QoS) in IP transport network

Implementation and development systems to measure and monitor network resources and services.

Network planning of high-speed Internet access for residential and businesses customers.

Security of network and services in the company.

Prepaid Services for Internet and Telephony.

UolSinectis S.A.
Coordinandor de ingenieria y Operaciones
March 1999 - January 2004 (4 years 11 months)

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Education

University of Buenos Aires
Ingeniero, Electronica · (1993 - 1999)

University of Buenos Aires
Postgrado, Postgrado en Telecomunicaciones · (2001 - 2002)

Universidad Argentina de la Empresa
Postrado, Programa de Desarrollo de Management · (2011 - 2012)

Universidad de Belgrano
Postgrado, PMI (Project Management Institute) · (2003 - 2004)

ITBA
Diplomatura, Metodologías agiles de gestión de proyectos y productos · (2020 - 2021)