



Contacts:

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Languages:

Italian : Native
English: Proficient
French: Basic

Andrea Valle



- ✓ Technical Lead for both design and deployment of projects FTTH, CWDM, DWDM, OTN, ASON, MPLS, SDH, Front-Haul
- ✓ Customer facing and consulting
- ✓ Project Management
- ✓ Broad international experience
- ✓ Ability to collaborate with geographically distributed cross-functional teams
- ✓ Willingness to experiment and explore
- ✓ Data Analytics

Experience

Fiber Business Unit – Technical Department Solution Architect Ericsson - Roma (IT)

2017-2018

Main Achievement

***Network Completion
Process set-up***

Assignment

Network Design SPOC

- Technical Support to Design, Network Creation and Delivery Team (Customer: OpenFiber)
- Coordinate and drive 3rd party network design teams
- Interfacing OpenFiber Design Center and BackOffice
- Network Design Verification and Reporting with SmallWorld PNI, CAD, QGIS
- Analysis of both projects and related BOM
- Selection and qualification of supplier
- Writing/Editing documentations for bids, tenders and contracts
- Data Analysis

Service Matter Expert – Transmission Network Optimization Ooredoo Algeria Ericsson - Algiers (DZ)

2015-2017

Main Achievements

***Congested Links -66%
IuB Limitations: -44%
HS Traffic +33%
Emergencies: -80%
Network Alarms: -50%***

- Multivendor (Ericsson, NSN, Ceragon) Transmission network optimization
- Technical Coordinator of Ericsson Optimization team
- Weekly Review Meeting with Customer Operation and Engineering team
- Meeting with CxO Level
- Network Audit
- Emergencies Handling
- Diagnose fault-related incidents

MODA FON Saudi Arabia Transmission Network Solution Architect
Ericsson – Riyadh (Saudi Arabia)

2014-2015

Main Achievements

Customer escalation closing and contract confirmation

- Network Design (LLD) of National Transmission Network for Saudi Arabia Minister of Defense with Ciena 6500 RROADM CLess Configurations with 100G Transponders
- Preliminary study with ASON functionalities
- Traffic Forecast and channel Planning
- HLD IP DCN Network Design
- Technical coordination of remote teams
- Preparation of relevant technical documentations (Low Level, High Level Design, Solution Description)
- Regular Meetings with Customer Project Stakeholders
- Preparation of all Technical documentations
- Technical Supports to local partners

Entel Chile DWDM Network Design Solution Architect
Ericsson – Rome (Italy) Santiago del Chile (Chile)

2014

Main Achievements

WSON 1.0 POC Successfully Completion

- DWDM Upgrade Network Design of Metro and Regional Network
- DWDM Network Design of Santiago Metro Network to support 100G technology and WSON functionality
- Architectural Design
- Technical support
- Prepare and conduct technical presentations.
- Prepare technical documentations (Low Level, High Level Design, Solution Description)

Solution Architect – Microwave and Optical Transmission Network
Ericsson - Rome (IT)

2010-2014

Main Achievements

Wind DWDM expansion design for 3M€

- **Wind Telecomunicazioni** SPOC for
 - DWDM Network Design,
 - DWDM Technical documentation
 - DWDM Technical Support to Wind Engineering Team.
- Design of both DWDM National and Metro **H3G Network**
- Design of POTP SPO1400 **H3G Mobile Backhaul Network**
- Prepare and conduct technical presentations.
- Prepare technical documentations (Low Level, High Level Design, Solution Description, Procedure)
- RFX responses
- Support sales proposals and provide consultancy to Sales and Account teams.

Design of whole H3G Italy DWDM Network

Other Assignments:

Vodafone Australia: Ericsson SPO1400 CEN Optimization;

**Customer Solution MUSEE BNET
Ericsson - Rome (IT)**

2005 - 2010

Main Achievements

- Italian Communications Ministry WIMAX Experimentation
 - LAB test Completion
 - Field test Completion
 - Result Presentation
- Network Design and Planning
- Participate in RFx responses and tenders
- Solutions presentations and customer consulting
- Perform research and analysis of market, standards, trends
- Low Level and High Level Network Design

***WIMAX
Experimentation***

**Senior TAC Engineer
Marconi Communications – Latina (IT)**

2003 - 2005

Main Achievements

- Technical Support 24x7x365 on Optical Transport Networks (OTN, SDH/SONET, DWDM Systems).
- Assistance via phone, email, remote connection with customer's NMS and on-site support.
- Testing, Installation, Commissioning, Acceptance and Validation Tests.
- Interfacing with local team for on-site support.
- Several field activities in Italy and abroad

***Set up of first
MHL3000 DWDM
Links***

***90% of TR closed
within SLA***

**TAC Engineer
Marconi Communications - Rome (IT)**

2000 - 2003

- Technical Assistance 24x7x365 (2nd and 3rd level).
- Assistance via phone, email, remote connection with customer's NMS (MV-36;MV-38) and on-site support.
- Maintenance, Installation, Commissioning of Optical Networks (SDH and DWDM systems).
- Several Field activities in Italy and abroad

Education

Electronic Engineer Master Degree - Università di L'Aquila

Certification

Ericsson Leadership Core Curriculum 2018

Ericsson Certified:

- Optical Network
- IP Technology
- Mobile Transport E2E Solutions

Membership

Italian Engineering Association, License N. 37535 Section A

Publication

WiMAX Experimentation and Verification in Field in Italy
Journal of Systemics, Volume 5, Number 5, 2007, pp. 16-20(5)