



Rob van Son

RvSon ICT Consultancy

CONTACT

PHONE:

+31 (0)6 51 61 6767

EMAIL:

robvson@xs4all.nl

WEBSITE:

<https://ict-consultancy.sonsite.nl>

Rob van Son

ICT-Consultant / IT-Architect

Rob van Son is a senior consultant with a broad knowledge of IT architecture, ICT infrastructure and telecommunications. He has a lot of experience in the telecom industry. In his assignments as consultant and IT architect he has gained experience in BSS/OSS environments for the implementation of service fulfilment and service assurance process of DSL access, Fiber-to-the-Home and Ethernet access services.

For the assignment at KPN, Rob was responsible for the development of online customer interaction interfaces (web-gui) and Business-to-Business interfaces (webservices) for the order-intake, information services and service requests.

For the assignment at Netherlands Airport Consultants, Rob was responsible for the ICT Architecture of the passenger terminal buildings of the new International Airport of Mexico City. He developed a high available SDN-based Campus Area Network architecture for the new airport passenger terminal building and a redundant datacenter infrastructure for hosting airport applications.

My achievements

With his technical-substantive background of ICT architectures, IT infrastructure, datacenter virtualization fundamentals, cloud computing and telecommunications, he is well able to understand and translate business requirements into practical IT solutions aligned with the enterprise architecture.

In large organizations with innovation programs, he uses his role as a consultant to align business and IT. He has experience with Agile methodology and working with Scrum.

Rob was a guest lecturer at the Academy Masters & Professional Courses of the Hague University and conducted courses on developments in broadband access, next generation converged networks, software defined networking and network functions virtualization.

Rob is creative, result driven, has open way of communication, and understands how to motivate people. He uses a strong analytical approach in finding the best practical solution for complex situations. He is best suited in a role in which he combines ICT substantive with business consultancy responsibilities. This makes him a highly valued professional in this field.

Roles

Advisory
 Product Owner Business-to-Business communication services (web-services)
 IT Architect Service Fulfillment
 Solution Architect, RFI/RFP vendor selection
 Network Infrastructure Architect
 Information Technology Specialist

Methods and Standards

Agile in Controlled Environments
 Scrum
 TMF Enhanced Telecom Operations Map (eTOM)
 Rational Unified Processesing (RUP)
 Service Oriented Architecture
 Use Case modelling Cloud computing
 Web Services (Soap, Rest/Json, http/xml)
 ERD – Entity Relationship Diagrams
 UML – Unified Modelling Language
 XML and XML Schema definitions (XSD)
 Archimate, Togaf

Languages

Dutch
 English

Courses

Completion Date	Name	Institute
2014-12-30	Security and Safety awareness	Atos University
2011-06-17	Business Requirements Management	Ivar Jacobson
2011-05-27	Practitioner in Use Case Essentials	Ivar Jacobson
2011-03-31	Practitioner in Iterative Essentials	Ivar Jacobson
2006-09-21	Internet Telephony Conference & IMS Expo	TMC
1992, 1993, 1994, 1995, 1997, 1999, 2001, 2002, 2003, 2005, 2007, 2008	Yearly conferences Networkworld InterOp and Mobile Business Expo USA	Networkworld InterOp USA
1998	Next Generation Network conference	NGN USA

Education and Certifications

Certification Date	Name	Institute
2017-08-02	Atos Data protection	Atos
2017-08-01	Customer Experience	Atos
2017-07-31	Code of Ethics	Atos
2013-07-01	Atos Masterclass Agile Controlled Environments	Atos
2007-03-30	Global Telecoms Business Programme	Atos University Faculty Economics, University of Leuven Belgium
1978-08-07	Bachelor of Computer Science and electrical engineering (BCS)	Rotterdam University of Applied Sciences

Overview of assignments:

Assignment	Company	Period
Responsible for B2B communication services for wholesale broadband access services.	KPN	Jan 2019 - Sept 2020
Introduction of new B2B services for the IT rationalization and simplification program. Improvement and simplification of order intake and service assurance process. Responsible for migration of wholesale customers from legacy to new BSS/OSS and conduct service fulfilment and assurance training for internal KPN users and wholesale customers	KPN	Jan 2016 - Dec 2018
ICT Infrastructure Architecture and systems design for the new International Airport of Mexico City (NAICM). Specification and Design of 3-Tier Campus Area Network and wireless LAN for the Passenger Terminal, Redundant datacenter network. Specifications for the Airport Operational DataBase (AODB) and Enterprise Service Bus.	Netherlands Airport Consultants	Apr 2015 - Apr 2016
KPN Datacenter services Infrastructure Architect and Network Consultant. Specification and Design of Server and Network connectivity to host KPN business applications	KPN	May 2013 - Mar 2015
Specification and design of a new Product Configuration Management System	KPN	Jan 2013- Apr 2013
Impact analyses on the order-intake and assurance systems for the introduction of new VDSL2-Vectoring services	KPN	Aug 2012 - Sep 2012
Definition and design of B2B communication service for the order-intake of Wholesale Ethernet Access Services	KPN	Jul 2012 - Nov 2012
Perform a Quick scan for IT Rationalization	KPN	Jul 2012 - Aug 2012
Adapt existing order process to support Ethernet for the Mobile Transport Network Services (Core Network)	KPN Mobile	Oct 2011 - Dec 2012
Change existing order intake process to include new VDSL2 pair bonding services	KPN	Oct 2011 - Jun 2012
Impact analysis for Compliance alignment	KPN	Jan 2010 - Dec 2010
Specification and design of the Web-Portal for order-intake of Wholesale Ethernet Access Services (WEAS)	KPN	Feb 2010 - Oct 2011
Specification and design of the Web-Portal for KPN Carrier Services	KPN	Nov 2009 - Jan 2010

Assignment	Company	Period
Wholesale Regulation Impact analysis	KPN	Jul 2009 - Nov 2009
Impact analysis to support generic ODF services for All-IP	KPN	Feb 2009 - Jun 2009
Specification and design of changes in existing Wholesale Broadband Access Web-Portal (WBA-Portal) to support All-IP ordering requirements	KPN	Sep 2008 - Jan 2009
Migrate customer installed base to the new WBA-Portal Architecture	KPN	Jun 2008 - Nov 2008
Specification and Design for a Broadband information service	KPN	Feb 2008 - Jul 2008
Proposal for a new improved WBA-Portal IT architecture (Linux, Opensource, Java based)	KPN	Aug 2007 - Feb 2008
Introduction of Ethernet transport for Wholesale Broadband Access	KPN	May 2007 - Aug 2007
Introduction of Gigabit Ethernet transport services	KPN	Dec 2006 - May 2007
Introduction of VDSL2 and FttH/FttO for KPN ALL-IP	KPN	Dec 2006 - May 2007
Restructuring Broadband Access product structure	KPN	May 2005 -Dec 2006
Specification, design, and implementation of B2B services for Wholesale DSL services	KPN	Mar 2005 - Sep 2005
Specification, design, and implementation of High Availability IT Architecture for Web Portal	KPN	Jan 2005 - Mar 2005
Design Telco-Telco migrations according to OPTA (NMA) model	KPN	Dec 2004 - Mar 2005
Impact analysis introduction BitStream release	KPN	Jul 2004 - Jan 2005
Conduct feasibility study for automated order validations	KPN	Jul 2004 - Sep 2004
IT architecture and design Service Assurance Portal (ServiceWeb)	KPN	Mar 2004- - Jul 2004
Conducted various Impact analyses for IT landscape of BitStream access services	KPN	Mar 2003 - Mar 2004
Training KPN sales organization and external wholesale customers	KPN	Feb 2003 - Dec 2003
Improve clean order-intake validations	KPN	Nov 2002 - Feb 2003

Assignment	Company	Period
Conduct BSS/OSS platform selection for delivery of broadband access services	KPN	Jun 2002 - Dec 2002
Functional specifications for a Web-based front-end system	KPN	Mar 2002 - Jul 2002
Functional specifications DSL fulfillment processes	KPN	Dec 2001 - Mar 2002
Innovation releases for broadband access services	KPN	May 2001 - Dec 2001
Specification and Functional Requirements for the ADSL service fulfillment process	KPN	May 2001 - Dec 2001
Conduct RFP for BSS/OSS and vendor selection	KPN	Feb 2001 - May 2001
Conduct RFI/RFP for BSS/OSS applications for DSL Broadband Access	KPN	Dec 2000 - Feb 2001
Technical infrastructure consultancy	KPN	Sep 1998 - Dec 2000
Architecture definition for new campus network	KPN	Jan 1998 - Sep 1998
Design, specifications, requirements, RFI/RFP, vendor selection and roll-out nationwide network Albert Heijn distribution centers and retail locations in the Netherlands	Albert Heijn Zaandam	May 1997 - Jul 1998
Define LAN and WAN deployment guidelines for sales consultants	Unisource Business Networks	Jan 1997 - Aug 1997
Architecture, project plan data and telecom infrastructure Albert Heijn	Albert Heijn Zaandam	Dec 1996 - Apr 1997
Specifications, RFI/RFP process, and vendor selection for telephony infrastructure	Eastman Chemicals, Kodak	Oct 1996 - Dec 1996
Design and implementation of an IT infrastructure (office LAN, Telephony services, WAN connectivity) for Eastman Chemicals Europe headquarters	Eastman Chemicals, Kodak	Oct 1996 - Dec 1996
Specification and design of an IT Infrastructure for billing services of public broadcast content	Dienst OmroepBijdragen den Haag	Jul 1996 - Oct 1996
Conduct Quick scan technical infrastructure Nedlloyd	Nedlloyd	Aug 1995 - Sep 1995

Assignment	Company	Period
Implementation of distributed process control system (SCADA) with 130 process computers.	Energiebedrijf Delfland	Mar 1995 - Sep 1996
Perform a feasibility study for a nationwide EDI infrastructure Ministry of public works	Ministerie van Verkeer en Waterstaat	Oct 1994 - Dec 1994
Design, specification, vendor selection for SDH/PDH transport network equipment	Energiebedrijf Westland	Sep 1994 - Jul 1995
Selection of ISDN equipment for an X.400 MTA (Message Transfer Agent)	Origin (Atos)	Sep 1994 - Dec 1994
Specification and design of a Data communication network for SCADA process control systems	Energiebedrijf Delfland	Mar 1994 - Mar 1995
Perform a Quick scan IT infrastructure	Ministerie van Verkeer en Waterstaat	Nov 1993 - Dec 1993
Definition study for data communications infrastructure Electric Power generation	Energiebedrijf Delfland	Aug 1993 - Feb 1994
Specification of EDI messages for the food supply chain of Unilever	Unilever	Jul 1993 - May 1995
Specification and Design of Regional data communication infrastructure for Directorate-General for Transport	Ministerie van Verkeer en Waterstaat	Jul 1993 - Sep 1993
Recommendations for email, EDI/EDIFACT and interconnection of LAN to the Unilever corporate X.25 WAN	Unilever	Feb 1993 - Jun 1993
Introduction of EDI messages for Eastman Chemicals	Eastman Chemicals Europe	Nov 1992 - Jan 1993
Design and Roll-out planning for the corporate email network services in 13 countries	Origin (Atos)	Jan 1992 - Dec 1992
Design of communication infrastructure for Eastman Chemicals Europe	Eastman Chemicals Europe	Jan 1992 - Jul 1992
Conduct a Feasibility study for road pricing	Ministerie van Verkeer en Waterstaat	Aug 1991 - Sep 1991
Perform a Quality Assessment of municipal Data Center of Rotterdam	GRC Rotterdam (Datacenter Rotterdam)	Apr 1991 - Jul 1991

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Recommendations for intercontinental X.25 WAN Services	Groothandelsbedrijf Rotterdam	Apr 1991 - Jul 1991
Development of data and telecommunications plan for the Hague University campus	Haagse Hogeschool Den Haag	Feb 1991 - Jul 1991
Feasibility study for automated road pricing on Dutch motorways	Ministerie van Verkeer en Waterstaat	Aug 1990 - Jan 1991
Research and advisory of the network architecture and real time operating system for the VLT (Very Large Telescope, operated by ESO in Chile)	European Southern Observatory München (ESO)	May 1990 - Jul 1990
Consultancy for a Wide Area Network Design	Bouw en Woningtoezicht Den Haag	May 1990 - Jun 1990
Design of the communication infrastructure for Selektvracht	Nedlloyd	Jun 1989 - May 1990
Implement Network management processes for Nedlloyd group	Nedlloyd	Apr 1989 - Jun 1989
Implementation of Industrial network for process control in greenhouse horticulture	Brinkman Tuinbouw Techniek	Dec 1988 - Feb 1989
Define Projectplan and approach for innovation Unilever's data communication infrastructure	Unilever	Jul 1988 - Nov 1988
Vendor selection and design Local Area Network Shell Rotterdam	Shell Nederland (Rotterdam)	May 1988 - Feb 1989
Feasibility study traffic signalling for public transport Amsterdam (Amstelveen lijn)	Gemeentelijk Vervoerbedrijf Amsterdam	Apr 1988 - Jul 1988
Design and implementation of Nationwide Radio Communication network for Dutch Police	Koning en Hartman Delft	Oct 1986 - May 1988
Scientific research, design, and implementation of a data acquisition network for the Dutch Ministry of Public Works	Ministerie van Verkeer en Waterstaat (Dienst Informatie Verwerking)	Mar 1983 - Oct 1986