

28 years old
Married
Driving licence

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Network and Security Architect

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ENSAM 2005
(Ecole Nationale Supérieure d'Arts et Métiers)

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Fluent in English
(TOEIC = 925)

Formations :

- July 2009 : Formation "Implementing Cisco MPLS"
- May 2009 : **CCIE-SP** certification pending (Written exam passed with a score of 951)
- September 2006 : **Cisco ICND** Formation
- Septembre 2005 : **HP-UX administration** Formation

Scholar formation :

- 2002 – 2005 : **BCEE/BSCS** at ENSAM / specialization in Virtual Reality and Parallel Computing
- 1999 – 2002 : Orsay, Blaise Pascal high school, engineer school preparatory classes
- 1999 : Scientist bachelor degree, cum laude

■■■ Regular practice in professional context	■■■ Regular practice in lab environnement, increasing competences
■■■ Occasionnal practice in professional context	■■■ Theoretical knowledges, increasing competences

Technical Competences:

Networking / Security

Matériels

- ■■■ Cisco, Nortel, Huawei
- ■■■ 802.11 (WIFI)
- ■■■ IPS, IDS, sniffer probes
- ■■■ Extreme Networks
- ■■■ Load Balancing : ACE, Alteon, F5
- ■■■ Firewalls « appliance » : Juniper, Checkpoint, Fortinet
- ■■■ Firewalls « software » : PFSense, M0n0wall, Checkpoint (SPLAT)

Support

- ■■■ Network and Security Troubleshooting

Systems

OS

- ■■■ Microsoft Windows
- ■■■ Linux (Fedora, Ubuntu)
- ■■■ KVM, ESX, XEN
- ■■■ Linux (Gentoo)
- ■■■ BSD

Serveurs

- ■■■ Apache
- ■■■ Bind / DHCPd
- ■■■ Samba
- ■■■ IIS

Tools

- ■■■ Cisco Works, Qidview, Nagios
- ■■■ Lucent VitalQIP
- ■■■ Network Instrument Observer

Transversal Competences:

Protocol

- ■■■ Ethernet
- ■■■ IPv4
- ■■■ OSPF, RIP, IGRP, EIGRP
- ■■■ DNS/DHCP
- ■■■ BGP, MPLS
- ■■■ QOS
- ■■■ IPv6
- ■■■ H.323 / SIP
- ■■□ GSM
- ■■□ 802.11
- ■■□ ATM, POS

Functional

- ■■■ Project leadership
- ■■■ Innovation management
- ■■■ meeting management
- ■■□ Brainstorming

PROFESSIONAL EXPERIENCES

**BOUYGUE
S
TELECOM**
Velizy

From
October 2008

Nationwide Cellular phone
operator, and Internet
Service Provider / fixed
phone operator

Network and Security Architect

TAG : architecture, configuration, audit, Cisco, Nortel, Extreme, Huawei, Checkpoint, Juniper, VRFs, 802.1X, telecom, mobile phone, service provider, video multicast, ToIP, QOS

Missions:

- **Audit** : audit of LAN and WAN internetworking infrastructure for the production domain, then for the operational domain (cellular phone and internet service infrastructure)
- **Optimization** : LAN and WAN protocols optimization : OSPF routing fast-convergence optimization, BGP implementation for increased stability, multicast optimization (PIM-SM) on the operational networks, MPLS implementation as a way of providing new service for interconnecting networks, security
- **Process Optimization** : definition of new, easier process for recurring activities, rationalization of investment (new policy for buying network equipments)
- **Architecture** : definition et implementation of innovating architectures in a Converging LAN context (Campus and Datacenter) and ISP context (nationwide backbone, BGP – MPLS, multicast)

Main Projects:

- **Campus**: new corporate HQ (3000 users, ToIP, Multicast video, Wifi et 802.1X).
- **Datacenter**: New Green-IT Datacenter. Cisco VSS architecture, and draft of the architecture with Cisco Nexus. Introduction of a service oriented architecture (Cisco 6500 with FWSM and ACE, iBGP, IPv6 ready)
- **DMZ "next gen"** : new security architecture based on Cisco 6500, ACE card and Juniper ISG2000.
- **Backbone MPLS**: Migration of the internal IT backbone on MPLS VPN (Cisco based) with multicast support (mVRF). Introduction of Traffic Engineering and VPLS
- **Cloud Computing**: Study of the necessary evolution of internal tools and process, linked with the introduction of virtualisation technologies (VMWare ESX, XEN, KVM), upgrade of the existing architecture, anticipating the migration on internal Cloud, and private cloud for external clients.

OBS/NIS
Guyancourt

July 2007 –
September
2008

OBS/NIS (Orange Business
Services / Network
Integration Services) a
France Telecom trademark.

**Pre-sale, integration & support: LAN, WAN, Wireless, Security
engineer
Project Team Leader. Trainer.**

TAG : architecture, configuration, audit, Cisco, Nortel, Huawei, Checkpoint, Juniper, VRFs, 802.1X, address plan

Main Project:

- **Caisse d'Epargne (Bank)** : definition of the architecture (3 x Datacenter, MAN network), installation (model and integration), writing documentary, formations
- **DGAC(International Airport)** : definition of the architecture (LAN redundant LAN for Orly control tower, WIFI), MAN inter-connection, installation (model and integration), writing documentary, formations
- **AG2R (Insurance)**: installation and configuration of Cisco Works LMS administration solution
- **EGIS (construction)** : definition of the architecture (redundant Nortel LAN with SMLT), WIFI Nortel, definition of the address plan (network segmentation, definition of VLANs etc..) integration on the network core, WAN routers migration (RIP to OSPFv2, address modifications)
- **Crédit Logement (Bank)** : definition of the architecture (802.1X redundant LAN with VRF thus creating logical DMZ),address plan and ACL definition, writing documentary, formations
- **BCAC-CG (French Ministry of Defense)** : 5 days formation : « les réseaux IPs » (IP networking) « routage basique, routage avancé » (basic and advanced routing), « la sécurisation des réseaux IPs » (IP network security) and « historique des réseaux IPs ».(IPs networking historic)
- **CG10 (local administration)**: installation of a redundant LAN and ToIP architecture with QOS over LAN and WAN.
- **Lyonnaise des Eaux** : project manager (3 people team : 1 engineer, 1 pre-sale engineer, 1 technician) for migrating the current LAN to a managed LAN and MAN architecture (5 sites

D A T A V A N C E	<p>TDF Montigny le Bretonneux</p> <p>June 2007</p>	<p>Routers migration technical leader</p> <p><i>TAG : routeurs, IOS, configuration, upgrade</i></p> <p>Missions: Upgrading IOS and updating configuration over a 200+ router park.</p>
M a y 2 0 0 6	<p>NOKIA Saint Ouen</p> <p>March – April 2007</p>	<p>Level2/3 support engineer</p> <p><i>TAG : mobility, GPRS, service platform, WAP, Cisco, Nortel, Level 3, SFR, ORANGE MOBILE</i></p> <p>Missions : technical leader for level 2/3 support for mobile telephony service platform (WAP, GPRS and UMTS access services)</p>
- J u l y 2 0 0 7	<p>PSA - Achères, Poissy factory</p> <p>September 2005 – January 2007</p> <p>Achères Datacenter: over 800 switchs, 20000 users, 250Km</p>	<p>Network administrator</p> <p>In charge of the network of PSA main datacenter in Achères (+2000 servers, 80 C-class network, 8 DMZ, 80 switchs/routers with redundant architecture and load-sharing/load-balancing)</p> <p><i>TAG : Cisco, Huawei, Windows, IOS, architecture,</i></p> <p>Technical Surrounding :</p> <ul style="list-style-type: none"> ▪ System: Windows 2000, UNIX, Linux and others (Mainframe etc.)

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- Network : LAN Ethernet, industrial network of PSA factories
- Tools : Cisco, CXR, Microsens, Netview Observer, firewall Netscreen

Missions

- Troubleshooting Level 1/2
- L2 network administrator
- LAN consultant for internal architectures definition
- Technical leading for upgrading / updating network capabilities
- Definition and deployment of a dedicated “remote probe” and of an “in-band administration” architecture

PERSONNAL PROJECT

From september 2005	Increasing competences : network, security and systems Technical surrounding : <ul style="list-style-type: none">▪ Firewalls Netscreen (NS5GT, OS5.0 et NS100 OS4.0), et BSD▪ Switchs Cisco 2948, 3924, and 3560, routers Cisco 7200/3800/2800▪ Serveurs Fedora Core 10, WIN2003
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INTERNSHIP

End of studies Project Chalon/Saône Institut Image 6 months February to June 2005	Software development engineer R&D for an interactive « virtual cockpit » software
GROUPE M6 TV Paris 3 months June to September 2004	Network junior engineer Network and computer administrator (100 users park)
ENSAM Lille	System and Network administrator Leader of the network team for the ENSAM Lille student residence .

DIVERS

Langage :

- English: **TOEIC = 925**. London university examination : « Level 3 », « Level 4»
Three years of strengthened English (European class), British history courses (Jean Monnet high school), and Anglo-Saxon laws courses (ENSAM).