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|  | **Stéphane Davy**  Saint Michel sur Orge, France  +33 6 95 35 54 88 • davystephane@gmail.com [www.linkedin.com/in/stephanedavy/](C:\\Users\\Furqan\\Downloads\\www.linkedin.com\\in\\stephanedavy\\)  Personal Details:  3rd May 1986 • Juvisy sur Orge, France • French  Male • Married |  |

**IT/OT Architect**

*Experienced and analytical IT Manager with distinguished experience leading telecommunications operations, systems integration, network security, and system deployment.*

Results-driven professional with global mind-set and ability to think across cultures, functions and scenarios. Proven ability to identify, prioritize, and solve complex IT infrastructure, voice and network-related problems and anticipate risks and devise solutions in the moment. Adept at strategically and cost effectively building solutions to align with customer business goals. Skilled in focusing on exceptional problem resolution, team building and management, process implementation and systems analysis. Effectively leverage technology to meet and exceed business objectives, document successes in leading project teams to troubleshoot network applications, and operating system issues to maintain security for internal clients. Adapt at conducting research on innovative, productivity-enabling technology solutions, monitoring and reporting performance of IT infrastructure, voice and network components against KPIs and taking preemptive measures to minimize interruptions.

**Core Competencies:**

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| * + Operations & Project Management   + Strategic Planning & Implementation   + Satellite Communication   + Cisco Routers & Switching | * + Infrastructure & Design   + Service Reporting   + Capacity/Availability Management   + Cross-Team Collaboration |

**Professional Experience**

Petrochad (Mangara), a Glencore company – N’Djamena, Chad

**Infrastructure Manager**, 2015 – Present

Formulate working direction for Infrastructure team in Chad and maintain regular written and in-person communications with London Management / Business unit, Chad IT Managers, Corporate IT teams, department heads (Europe), local providers and end users. Administer and defend $2M per year worth projects budgets to management. Lead design and implementation for country’s IT infrastructure: 3 remote sites, 500 users, and 6 data centers. Liaise with London and Baar teams for implementing Global corporate policies. Oversee windows servers and associated services as well as, VHF radio communications; delivered expert guidance to IT team members. Regulate VoIP communication in compliance with local laws. Implement and organize preventive maintenance of Helpdesk teams, aimed to improve workflow completion and team communication. Collaborate with construction and business unit to implement, test, and design various infrastructure projects. Ensure active monitoring of OT network for production department.

*Key Achievements:*

* Designed, projected and created secondary data centers at each site to align production with active/active model using local resources (container, AC, and more).
* Converged current OT network, informing management about issues, and creating new design and order of material.
* Took lead of a fiber project from operation, assessed needs, designed and proposed a change of cabling material to conserve $300K.
* Interfaced with a dedicated team to organize schedule and monitor LAN / WAN network upgrade project on all sites.
* Drove strategic alignment of IT/OT convergence for integrating operational technologies into IT standard around the region.
* Deployed IT tools for Chad teams and supervised deployment of WAN links: external fibers, E1s, VSAT.

Petrochad (Mangara), a Caracal Energy company – all sites, Chad

**Telecom Engineer**, 2013 – 2015

Developed, implemented, and supported IT infrastructure (network, telecom, servers) deployment and maintenance on all 5 sites. Supported development of telecommunication services for production industrial network. Ensured active configuration, installation and maintenance of VSAT links, Dell servers, and LAN networks: switches, Wi-Fi, VoIP, radio bridges, HF & VHF radio.

*Key Achievements:*

* Deployed 17 km of fiber with local resources and company, following pipeline into remote sites.
* Lent telecommunication support for drilling campaign as a high response team, assuring no down time on 10 RIGs exploring in 3 locations space by 400 kms.
* Collaborated with Calgary engineering teams to implement IT services in isolated areas (accessible only through helicopter) including HF & VHF radio and internet access via satellite for 30 users.

EADS Astrium Telecommunication Services – N'Djamena, Chad

**Central Africa Astrium Services Representative**, 2011 – 2013

Responsible for Astrium Services customers in central Africa, covering: Chad, Cameroun and Central Africa; primarily French army and two private companies for yielding €1.5M annual revenue. Supported Army communication services; scope of service encompassed 1200 users, 4 sites, 6 cybercafés, and 30 phones. Configured, installed, and maintained network: switches, Wi-Fi, routers, radio bridges, fiber. Created and sent detailed weekly reports to higher management in France. Leveraged relatable frames of references for non-technical reporting to customers.

*Key Achievement:*

* Installed and maintained VSAT systems for 16 sites; designed and deployed internet & phone services into a remote site in the middle of desert.
* Designed, strategically planned, and organized network upgrade of 3 sites in Chad by spearheading and supervising local technicians and deployment contractors.
* Designed and deployed distribution network into main French military camp of central Africa for enabling Wi-Fi internet access to 1500 soldiers dispatched over 20 buildings and 3 cybercafés within an area of 1500 x 500 m.
* Generated €500K in annual revenue by signing a 5 years VSAT contract on behalf of Astrium with an Oil and Gas company in Chad.
* Developed and maintained EADS Astrium marketing departments in Chad and Cameron.

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*Additional experience includes:*

* **Mesh Wi-Fi Network Performance Study** at *INRS: Research University*
* **Development of Network Mobile Security Breach Test Tool** at *Multimedia University*
* **Marketing and Communication Development of Kiratio** at *HumanPerf Software*
* **Business Cost Controlling** at *Jaulin S.A*

**Technical Proficiencies**

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| **Networking** | Cisco CCNA, cisco IOS, cisco switch, cisco router, Infinet radio bridge, VSAT, Cisco WLC, Cisco UCM, Checkpoint Firewall, Fortigate Firewall, Fortigate Switch, Riverbed Accelerator, Axis Camera, Xerox, SCADA |
| **Telecom** | Ethernet, Fiber, IP Radio Bridge, Motorola Radio VHF, Barrett Radio HF |
| **Server & Application** | Windows Server, Ubuntu, FreeBSD, VMware, Active Directory, GPO, DHCP, DNS, CommVault, Pure storage, Cisco UCS, Dell EqualLogic, Dell & HP ESX, Synology, Surveillance station, Exchange, Solarwinds, PRTG, Centreon, GLPI, Teampass, WikiMedia, EAM |
| **Programming** | C, C++, Java, Android, HTML, PHP, MySQL |
| **Office** | Office Suite, Visio, Project, Putty, TFTPd, Remote Desktop Connection Manager |

**Education and Credentials**

**ETS, Telecommunications Network Master’s degree** (2010)

École de Technologie Supérieur, Montreal, Canada

**TELECOM Lille1, Telecommunication and Network Engineer** (2010)

Lille 1 University, Lille, France

**Languages:**

**French:** *Native |* **English:** *Fluent |* **Spanish:** *Basic*