



Christian Dassy

Senior Network Architect

Architecture · Automation · Security, from MPLS cores to SD-WAN, SASE and AI-driven operations



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github.com/inxbit

15+

YEARS OF EXPERIENCE

250+

SITES DEPLOYED GLOBALLY

25+

DATA CENTERS MANAGED

4 into 1

NETWORKS MERGED

PROFILE

Senior Network Architect with 15+ years across enterprise, carrier and data-center environments. 10+ years in ISP/MPLS cores and multi-data-center connectivity; 10+ years in enterprise security with next-generation firewalls, VPN and SASE. Recent work spans global SD-WAN (VeloCloud, Fortinet) and Cato SASE transformations (**150+ sites**), cloud interconnects to the major providers, Proxmox and observability rollouts at global scale, and AI-assisted network operations through MCP servers published as open source.

B.Eng. Electronics, M.Sc. Telematics (Honours). Trilingual: English, French, Spanish.

CORE SKILLS

Architecture: SD-WAN (VeloCloud, Cato) · MPLS, L2VPN/L3VPN · BGP, OSPF, EVPN/VXLAN · DC fabrics · cloud interconnect (AWS, Azure, GCP) · carrier cores

Automation & AI: Ansible · Python · Terraform · REST APIs · MCP servers for AI-assisted operations · Git, CI/CD

Security: Fortinet · Juniper SRX · Check Point · SASE, Zscaler · IPsec/SSL VPN · IDS/IPS · F5 · RADIUS/TACACS+

Platforms: Proxmox, VMware · Linux · Docker, Kubernetes · CheckMK, Observium · NetFlow, SNMP · Wireshark, NetBox

PROFESSIONAL EXPERIENCE

Senior WAN Network Architect, Bombardier (consulting)

Feb 2019 - Present

- Lead the global SD-WAN transformation across worldwide sites, from low-level design through migration, coordinating AT&T, IBM and TCS delivery teams
- Architect cloud network connectivity between the major cloud providers and Bombardier's data centers
- Drive the global **Proxmox** virtualization deployment and lead the global **observability** rollout, giving teams worldwide visibility into network health and performance
- Design AI-assisted network operations, connecting enterprise platforms to AI assistants via MCP servers
- Final point of escalation for chronic WAN issues, safeguarding availability and security SLAs

Senior Network Architect, The HEICO Companies (consulting)

May 2023 - Aug 2024

- Merged the networks of **four business entities** into one unified enterprise architecture
- Deployed Cato Networks SASE globally to **150+ sites** and over 10,000 users
- Led mission-critical network design and migration to new fiber infrastructure as part of a complete network overhaul

Senior Network Architect, Agropur (consulting)

Feb 2023 - Aug 2023

- WAN & SD-WAN architecture for Canada's largest dairy cooperative: target design, transition strategy and connectivity between plants and data centers
- Captured and validated site network data across plants and distribution centers to prepare the SD-WAN migration

SD-WAN Architect, Fibrenoire (consulting)

Nov 2020 - Mar 2022

- SD-WAN transformation of major data centers and regional hubs for client accounts in the financial, insurance and manufacturing industries: migration planning, low-level design and documentation
- Reviewed WAN performance and steered transport resizing to keep customers within contract SLAs

Senior Telecom Integrator, Canadian National Railway (CN) (consulting)

Jun 2018 - Feb 2019

- Led Data Center Network Services and infrastructure services (IPAM, DHCP, DNS, NTP) plus identity & access security
- Automated B2B IPsec VPN delivery with Ansible; migrated site-to-site VPNs to in-house Juniper SRX infrastructure
- Designed MPLS and access connectivity for intermodal yards, including automated gate systems

Security & Network Consultant, Bombardier Aerospace (consulting)

May 2017 - Jun 2018

- Managed the worldwide security network: Juniper MX/SRX, Check Point, F5 load balancers, proxies, SSL VPN concentrators
- Co-led the "Internet capacity to 10G" program from proof of concept through production migration of all services
- Automated firewall backups and system snapshots with Ansible across the global fleet

Network Administrator, Internap

Dec 2014 - May 2017

- Operated a global network spanning **15+ data centers**, including the MPLS backbone, for the cloud hosting business
- Designed the next-generation data center PoC with EVPN/VXLAN on Juniper MX/QFX platforms
- Automated top-of-rack switch deployments with Ansible and migrated distribution and MPLS routers across major data centers in North America, Europe and Asia

NOC Specialist, Cogeco Data Services

May 2014 - Nov 2014

- Supported the carrier core network (DWDM, TDM/SONET, VPLS, MPLS, OSPF, BGP), cutting response times for business customers by **31%**
- Migrated bank branches and ATMs to a new MPLS network over GPON infrastructure

Earlier career, Venezuela (CCS · ZTE · YPERGAS/Total Oil · Corporation BCD)

2009 - 2013

- Procurement management for national telecom rollouts (NGN, IPTV, 2G/3G) with tender budgets up to **\$40M USD**
- Network engineering across oil & gas and enterprise: Cisco infrastructure, 40+ km fiber plant, edge security, PBX systems

OPEN SOURCE

MCP servers for Fortinet (fortigate-mcp-server, fortimanager-mcp, fortianalyzer-mcp): AI assistants managing firewalls, policies and SOC operations · **pinghue**: concurrent ICMP/TCP ping monitor · **prismtty**: terminal output highlighter for network device CLI sessions. All projects published at github.com/inxbit

EDUCATION & LANGUAGES

M.Sc. in Telematics, Simón Bolívar University, 2011-2013 · Graduated with Honours, thesis with Outstanding Mention (WDM-OFDMA-PON) · 3 published papers

B.Eng. in Electronics, Telecommunications, Simón Bolívar University, 2004-2009

Languages: Spanish (native) · English (full professional) · French (full professional)