

Network Documentation & Diagrams for Connected Environments

I create structured network documentation and asset registries that help organisations understand, manage, support, and maintain their network infrastructure and connected devices. As technical environments evolve across corporate SMEs, NGOs, and specialised operations networks become increasingly complex, and critical operational knowledge can easily become fragmented across teams. Clear documentation, accurate topology diagrams, and hardware asset recording provide a practical reference that supports continuity, rapid troubleshooting, onboarding, and long term infrastructure management. My work focuses on creating documentation that reflects how your network actually functions in practice, not simply how it was originally designed.

● Network Infrastructure & Topology

Structured documentation for physical and logical network environments, including routing, switching, VLANs, and core network configurations.

This may include:

- Network topology overviews
- VLAN and subnet allocation mapping
- Core router and switch configuration tracking
- Internet (ISP) circuit and failover details
- Firewall routing and security zone logic
- Remote access (VPN) and site-to-site configurations
- Network Operations & Runbooks

The goal is to provide teams and stakeholders with a clear, accurate view of how data flows and how core network infrastructure is configured.

The focus is on producing operational documentation that keeps systems online and heavily reduces reliance on undocumented "tribal knowledge."

● Connected Device & Asset Inventories

Comprehensive tracking and asset recording of all physical hardware, endpoints, and infrastructure assets connected to your network across local office, remote, or mobile environments.

This may include:

- IT asset management and hardware lifecycle recording
- Network asset registries (makes, models, serial numbers)
- IP address management (IPAM) layouts and subnet tracking
- MAC address mapping and DHCP reservation lists
- Wireless access point (AP) location mapping
- IoT, smart sensors, and operational technology (OT) tracking
- Server, storage, and network-attached peripheral inventories

The focus is on eliminating network blind spots and maintaining a reliable IT asset registry by documenting exactly what is connected to your infrastructure, where it lives, and what it does.

● Visual Topology & Rack Diagrams

High-quality, professional visual assets that translate dense technical network configurations into intuitive, scannable diagrams.

This may include:

- Logical network topology diagrams
- Physical network cabling and patch maps
- Server rack elevations and enclosure layouts
- Site floor plans with AP and network jack drops
- Data flow and traffic bottleneck visualisations
- Simplified diagrams for non-technical stakeholders

My background in visual communication allows me to bridge the gap between technical complexity and practical, real world troubleshooting utility.

James Price

Founder of NetworkDocs

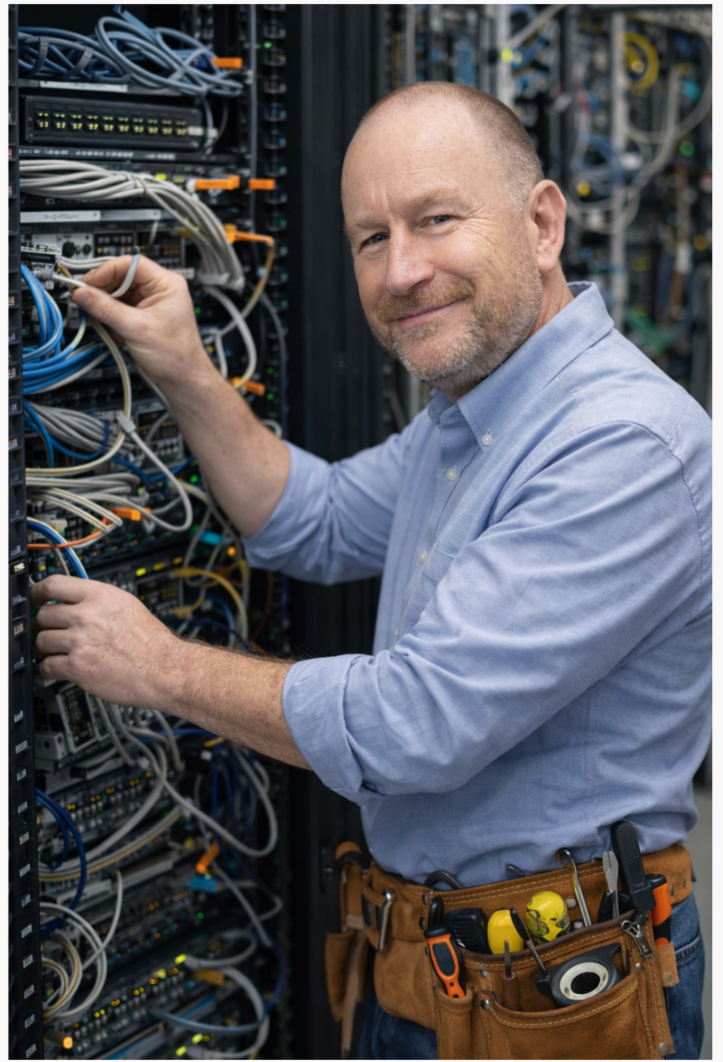
My background bridges the gap between complex network infrastructure and crystal-clear visual communication. I combine training in Cisco networking and cybersecurity with my experience in technical systems administration to map, audit, and document critical network environments.

I've worked across technical environments involving systems, infrastructure, telecommunications, web administration, documentation, and operational workflows, alongside a background in digital media, design, creativity, and communication.

This unique combination allows me to translate dense, technical routing and device data into highly accurate, visually intuitive diagrams and operational runbooks that technical teams, external vendors, and business owners can immediately use.

Credentials & Qualifications

- Cisco Networking & Cybersecurity Studies
- Cert. IS&T (Information Systems & Technology)
- Dip. Art & Creativity (Adv) / NZDip. Creativity
- NatDip. Design (Graphic) / NZDip. Digital Media
- NatDip. Adult Ed / Dip. Bus.



Making Complex Systems Clear and Usable

My approach is straightforward: understand the system, clarify the complexity, and structure the information so it can be used effectively in real working environments.



Clear Documentation

I create structured documentation that makes complex networks, hardware topographies, and workflows understandable and maintainable, from internal operational documentation to user facing material.



Stakeholder-Ready Diagrams

I shape technical information for the people using it, whether that's developers, internal teams, support staff, business stakeholders, or end users.



Structured Systems and Workflows

I organise information and operational processes so environments can be managed consistently, with documentation that reflects how systems actually function in practice.

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