






IP Fabric | Charles Russell Speechlys

Guided by the expert hand of partner CRG Technology, Charles Russell Speechlys are leading the way with network assurance and knowing what matters to clients.



Charles Russell Speechlys is focused on knowing what matters when building and maintaining relationships with their clients, both internal and external. IP Fabric - through trusted partner CRG Technology - has provided the Network and Security teams with real insight into their global Infrastructure. IP Fabric has automated network documentation and diagrams and has delivered Charles Russell Speechlys Network Assurance and value from day 1.

The Business

-  International law firm
-  Focus on private capital at the intersection of personal, family, & business
-  1350 users globally.

The Network

-  12 offices across UK, Europe, Middle East & Asia
-  Upgrading campus to a wireless-first approach powered by Cisco.
-  New SDWAN in progress.

The Challenge



Visibility & Compliance

As the business grows, so does the network, introducing multiple vendors & an element of complexity. Maintaining visibility and assurance in an environment that has internally and externally managed networking and security devices can be a challenge.



Small Team, Big Tech

Charles Russell Speechlys invests in best of breed technology vendors and services but with a small team, managing BAU while transforming a LAN, WAN and security landscapes is a challenge. Charles Russell Speechlys needed a solution that was Multi-Vendor capable and introduced value from Day 1.



Documentation & Access to Information

In a changing network, keeping up with documentation and site diagrams is a challenge, especially across internal and externally managed network and security devices.

The Solution

Strategy & Design



- Future Focused Strategy & Design led by Data and Insights from IP Fabric
- Automation and API First Approach
- Design Driven Intent and Simplification
- Change Management & Remediation Planning



Tooling



- Data collection & Analysis
- End-to-end Path Simulation
- Automated Documentation
- Vendor-Neutral Discovery
- Customizable Intent Checks



Delivery



- Open API & Mature Python SDK
- Engineering & Change Management
- Leveraging Before & After Snapshots to capture change



Results

Charles
Russell
Speechlys

Enhanced IT Service Management

Elevating networking troubleshooting and incident resolution through integration with ITSM tooling.

Diagrams and Site Reports

Accessible via GUI or API, these assets provide unparalleled oversight & visibility into network state.

Flexible Network Model

The network is modelled in daily snapshots that capture changes in the network over time.

Innovation through Assurance

Network teams can confidently tackle network upgrades, expansions & changes with continuous assurance of connectivity & security standards.

The Benefits

CRG Technology deployed IP Fabric to gain insight into Charles Russell Speechlys's network and leveraged its ability to rapidly create detailed, multi-layer diagrams of the current environment. Not only does this offer end-to-end visibility, but it also provides a rich data set for CRG and Charles Russell Speechlys to plan remediation and improvement activities across business as usual (BAU) and projects.

Charles Russell Speechlys' network engineers now have access to configuration details, traffic flows, device behaviour, state data, and policy information. However, the true benefit of IP Fabric is the flexibility - easily being able to access such a comprehensive data set from a single, intuitive interface, and surfacing this data via IP Fabric's open REST API.



Audit & Compliance Information on-demand



Proactive Configuration & Change Management



Reliable Troubleshooting & Remediation

“

IP Fabric has empowered my team to deliver proactive reporting on a daily, weekly, and monthly basis. We can monitor improvements, document changes, and visualise our network and security devices in detail, unlike any other tool we have.

— **Andrew Wilson**, Head of Technical Operations

The screenshot displays the IP Fabric interface with several key components:

- Network Diagrams:** On the left, there are multi-layer network diagrams for '3SHEADOFFICE' and 'AZURE' environments, showing various devices and their interconnections.
- Intent Verification Rules:** A table in the top right shows the results of various rules.

Rule Name	Colorized Column	Result	Actions
Device Reload Reason	Reload Reason	341 0 2 0	
Software Configuration Register	Configuration Register	7 312	
Device Memory Usage (%)	Memory %	385 7 11 3	
Device Uptime	Uptime	407 0 0 3	
- Device Inventory:** A table in the bottom right lists network devices with their status and details.

Host...	Site	Serial Number	Login IP	Man...	Uptime	Reload Reason	Mem...	Vendor	Family	Platform	Model	Conf...
L1R18	L1R-00	VNSC051C0G3	10.241.255.18	ssh	2 weeks, 13 hours, 50 minutes	Router rebooted after a normal shutdown	19.00	juniper	junos	vmx		
L1R17	L1R-00	VNSC054C872C	10.241.255.17	ssh	2 weeks, 13 hours, 50 minutes	Router rebooted after a normal shutdown	19.00	juniper	junos	vmx		
L1R17	L1R-00	VMSB39C0955C	10.241.255.7	ssh	2 weeks, 13 hours, 51 minutes	Router rebooted after a normal shutdown	19.00	juniper	junos	vmx		
L1R15	L1R-00	VMSB39C0921F	10.241.255.10	telnet	2 weeks, 13 hours, 54 minutes	Router rebooted after a normal shutdown	19.00	juniper	junos	vmx		
L1R14	L1R-00	VMSB39C326A5	10.241.255.14	ssh	2 weeks, 13 hours, 53 minutes	Router rebooted after a normal shutdown	19.00	juniper	junos	vmx		
L1R16	L1R-00	c1f68417400	10.241.255.16	ssh	2 weeks, 13 hours, 54 minutes	Router rebooted after a normal shutdown	19.99	juniper	junos	vsrx		
L1R13	L1R-00	af1R0d	10.241.200.13	ssh	2 weeks, 13 hours, 52 minutes	reboot at 0	8.53	cisco	ios	IR804_1mx		000
L1R12	L1R-00	af1R0c	10.241.255.12	ssh	2 weeks, 13 hours, 54 minutes, 42 seconds		43.93	cisco	nx-os	nx7000	N7K-C7018	
L1R11	L1R-00	af1R0b	10.241.255.11	ssh	1 week, 5 days, 1 hour		15.25	cisco	ios	c7200	T2060XR	002102
L1R10	L1R-00	af1R0a	10.241.255.10	ssh	2 weeks, 13 hours, 52 minutes		15.97	cisco	ios	c3725	3725	002102
L1R9	L1R-00	af1R09	10.241.255.9	ssh	2 weeks, 13 hours, 53 minutes	reboot at 0	0.00	cisco	ios	IR804_1mx		000
L1R6	L1R-00	af1R0k	10.241.255.6	ssh	2 weeks, 13 hours, 54 minutes, 55 seconds		53.83	cisco	nx-os	nx7000	N7K-C7018	
L1R5	L1R-00	af1R05	10.241.5.5	ssh	2 weeks, 13 hours, 49 minutes		58.72	cisco	ios-ae	ios	IOS	
L1R3	L1R-00	af1R03	10.241.255.3	ssh	2 weeks, 13 hours, 48 minutes	reboot	28.02	cisco	ios-ae	csr1000	CSR1000V	002102

“

CRG Technology's distinct and innovative IP Fabric approach has established them as a crucial technology partner for Charles Russell Speechlys. Our collaboration with CRG Technology has proven to be highly valuable, offering insights that have positively impacted our teams in Network Engineering, Operations, and Strategy. We are enthusiastic about extending our partnership with CRG Technology and IP Fabric.

— **Abba Abbaszadi**, Director of Information Technology - Charles Russell Speechlys

The Future

Charles Russell Speechlys aims to integrate IP Fabric into the wider Service Management Toolset and Network and Security Vendor Ecosystem to maximise the availability of the rich data via the Python SDK. CRG Technology and Charles Russell Speechlys will continue to

develop a partnership that ensures Charles Russell Speechlys remain at the forefront of innovative solutions. IP Fabric has illustrated how CRG Technology lead with innovative solutions to everyday customer challenges.



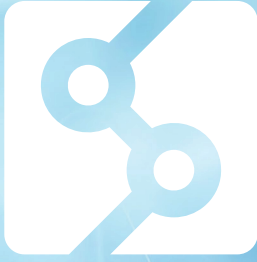
Campbell Gregory
Founder, CRG Technology



IP Fabric's Technology Partner Ecosystem

CRG Technology is committed to providing Innovative technology solutions to our clients, and we understand the significance of a seamless and secure network infrastructure. That's why we were thrilled to announce our partnership with IP Fabric, a company renowned for their network visibility and assurance capability. This partnership enables CRG Technology to offer a frictionless approach which provides immediate access to actionable insights with independent data, to lead our designs and strategy discussions.

[Get in Touch](#)



About IP Fabric

IP Fabric is a vendor-neutral network assurance platform that automates the holistic discovery, verification, visualization, and documentation of large-scale enterprise networks, reducing the associated costs and required resources whilst improving security and efficiency.

It supports your engineering and operations teams, underpinning migration and transformation projects. IP Fabric will revolutionize how you approach network visibility and assurance, security assurance, automation, multi-cloud networking, and trouble resolution.



Don't take our word for it and try our

Self-Guided Demo

See how assurance can transform your approach to network management.



115 Broadway, 5th Floor
New York, NY, 10006
United States

info@ipfabric.io



Kateřinská 466/40
Prague - 12000
Czech Republic

sales@ipfabric.io



Gateley Legal,
1 Paternoster Sq, London
England EC4M 7DX

office@ipfabric.io

ipfabric.io

Support & Documentation

<https://docs.ipfabric.io>

Copyright © 2024, IP Fabric. All rights reserved.

