



IP FABRIC



IP Fabric | Turin University

IP Fabric is a priceless resource for the entire network infrastructure of the University of Turin



Revenue

358 million USD
per annum



Offering

69 Bachelor Degrees
9 Special Uni-levelled
& 79 Master Degrees



Size

Over 1,500
permanent staff



About

Founded in 1404, the university of Turin is one of the oldest universities in the world, with an alumnus that includes Luigi Einaudi, Primo Levi, and Nobel prize winner Rita Levi Montalcini. With over 81,000 students, 3,000 employees & 120 individual buildings making up its campuses, managing the complexity of their network has been a long-term challenge for the University.

The University recognized that they needed to rethink their infrastructure strategy to better manage the size, complexity, and multi-vendor nature of their network. During our discussions, the university highlighted some key areas that they felt the right network assurance tool would help them achieve.





Challenge

Maintaining network access on a wide scale

With a campus that has a geographical footprint across the whole Piedmont region, maintaining access to services has been complicated by the scale of the university. When issues arose, they required lots of time and resources to resolve.



Solution

Having a tool that can proactively manage the network and provide valuable data on network state to rapidly diagnose issues meant that the university was able to make a fundamental shift in how they managed their network. They are now able to proactively see areas that may be about to cause service disruptions, which has reduced the time and cost of resolving network issues. In addition, the university can now reallocate those resources when needed to other areas of the university.



IP Fabric ensured we always had maximum network information accuracy and integrity from day one.

IP Fabric is the extra resource that allows the continuous search for accuracy in our network. Like all great products, support must also be evaluated, which in IP Fabric is immediate, competent and above all fast. They created an ad hoc fix in order not to change the client's nomenclature"

— Valentina Galluccio, Network Solutions Architect Lead, University Of Turin





Challenge

Making sense of a multi-vendor network environment

Managing device discovery processes was a big challenge for the Turin university team due to the size and complexity of their multi-vendor environment. The multi-vendor state of their network also meant that the team had to work with several different systems, requiring them to access multiple sources of information. All of this contributed to the difficulty of obtaining a clear view of their true and current network state, particularly when trying to obtain details on device relationships and paths.



Solution

The IP Fabric GUI allows the team at the University of Turin to view their inventory across vendors through standardized data, instead of having to gather data from individual vendor portals. Regularly generated topology diagrams allow the network team to view end-to-end paths for devices to deepen their understanding of the relationships between devices.



Benefits

- Reduced MTR due to end-to-end path function
- Automatically updated documentation
- Generated reports generated quickly and shareable with other teams and management
- Comparison of network state over time creates basis for infrastructure reference
- Multi-vendor discovery to consolidate device information in one GUI
- Ability to view current network state on-demand and understand device relationships and end-to-end paths





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

See how assurance can transform your approach to network management.

[Access the demo](#)



Support & Documentation
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