COMMSCOPE®

Then to now to next

imVision® turns 20

Then

The vision

2001: Enterprise networks are just starting to take off. As they grow more complex, managing physical layer connectivity with manual databases becomes a nightmare.

"What is needed desperately is a set of simple, uniform, ubiquitous tools for managing networks."[1]

CommScope introduces **iPatch®**. Using port sensors and a rack manager, iPatch automatically maps and documents moves, adds and changes in real time, enabling IT teams to work faster and more accurately.

"By equipping patch panels with a means to detect when and where connections are made, it is possible to monitor and record the status of port connections in real time."[2]

Evolution

Device discovery

2005: As iPatch adoption grows, so does its functionality. The real breakthrough comes in 2005, with the addition of device discovery—a new level of unobstructed vision.

Setting the standards

2010: CommScope initiates standards activities to define automated infrastructure management (AIM) systems, the AIM operating framework and core use cases. The efforts enable the industry to break down proprietary silos of disparate intelligent systems and create a common set of requirements to enable system interoperability.

New architecture, new name

2012: iPatch gets a new web-based architecture and a new name.

infrastructure + management + Vision = imVision!

Now

imVision continues to evolve and to help network managers better manage network diversity, complexity and growth.

In data centers, as spine-leaf architectures and fiber densities increase, imVision helps IT teams better manage fiber array connectivity, polarity and MPO port configurations.

Across smart buildings/campuses imVision helps manage network convergence and IoT/PoE networks, and unifies inside plant/outside plant management in a single source of truth.

Today's imVision by the numbers

- Customers in **65** countries. The software interface supports 15 different languages
- **25M+** installed intelligent ports
- Number of certified imVision specialists **=300+** (144 accredited imVision partners)

The only AIM system that...

- ...supports using standard copper and fiber patch cords and the only one that supports three different sensing technologies
- ...that supports field upgrade without disruption of network service and modification of patch cords
- ...complies with the requirement for PoE monitoring

- Easily scales to effectively manage **500K+** ports at single or multiple locations
- Over **1,200** supported network switches from 30 vendors
- **90+** patents

Next

As networks grow smarter, imVision keeps you a step ahead.

"By 2023, 29.3 billion devices will be connected to IP networks, all relying on extensive infrastructure that requires high-touch provisioning, configuration, security, servicing and monitoring to keep things running. "[3]

Tomorrow's imVision

- Self-aware: Automatic discovery and onboarding of new connections and devices
- Edge-smart: Remote monitoring/management for IoT networks, edge data centers and more
- More accessible and improved user experience: mobile app, cloud-based solution, Augmented Reality (AR) and subscription-based service models

From then to now to next—count on CommScope

- Better infrastructure
- Better management
- Better vision

Go to **www.commscope.com** to learn more about imVision

[1] Enterprise Network Traffic Monitoring, Analysis, and Reporting Using Web Technology; Journal of Network and Systems Management; March 2001
[2] Intelligent patching systems: A competitive advantage; Cabling Installation & Maintenance; Dec. 1, 2001
[3] Shaping The Future Through Network Automation; Forbes.com; May 27, 2020

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