# Then to now to next

# im Vision® United States of the States of th

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#### 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."

# 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 loT/PoE networks, and unifies inside plant/outside plant management in a single source of truth.

Today's imVision by the numbers



...supports using

technologies

Easily scales to

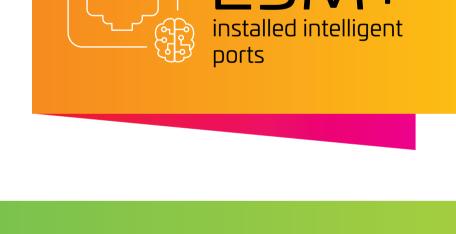
standard copper and

fiber patch cords and the

only one that supports

three different sensing

Customers in



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...that supports

without disruption

of network service

and modification of

field upgrade

patch cords



Number of certified

imVision specialists

...complies with the

monitoring

requirement for PoE







#### As networks grow smarter, imVision keeps you a step ahead. "Bu 2023, 29.3 billion devices will be connected to IP network

"By 2023, 29.3 billion devices will be connected to IP networks, all relying on extensive infrastructure that requires high-touch

to keep things running. "3
 Tomorrow's imVision
 Self-aware: Automatic discovery and onboarding of new connections and devices

provisioning, configuration, security, servicing and monitoring

Edge-smart: Remote monitoring/management for IoT networks, edge data centers and more
More accessible and improved user experience: mobile app,

to learn more about imVision

## cloud-based solution, Augmented Reality (AR) and subscription-based service models

- From then to now to next—count on CommScope
- Better management

Better infrastructure

Better vision

Go to www.commscope.com