Then to now to next

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]

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!

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

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

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

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

Then

Evolution

Now

Today’s imVision by the numbers

<table>
<thead>
<tr>
<th>Feature</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>The only AIM system that...</td>
<td>65</td>
</tr>
<tr>
<td>customers in 65 countries. The software interface supports 15 different languages</td>
<td>25M+</td>
</tr>
<tr>
<td>supports using standard copper and fiber patch cords and the only one that supports three different sensing technologies</td>
<td>500K+</td>
</tr>
<tr>
<td>Easily scales to effectively manage 500K+ ports at single or multiple locations</td>
<td>1,200</td>
</tr>
<tr>
<td>...supports field upgrade without disruption of network service and modification of patch cords</td>
<td>90+</td>
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<tr>
<td>...complies with the requirement for PoE monitoring</td>
<td>936</td>
</tr>
<tr>
<td>Over 1,200 supported network switches from 30 vendors</td>
<td>25M+</td>
</tr>
<tr>
<td>90+ patents</td>
<td>30</td>
</tr>
<tr>
<td>Number of certified imVision specialists = 300+ (144 accredited imVision partners)</td>
<td>25</td>
</tr>
</tbody>
</table>

"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]