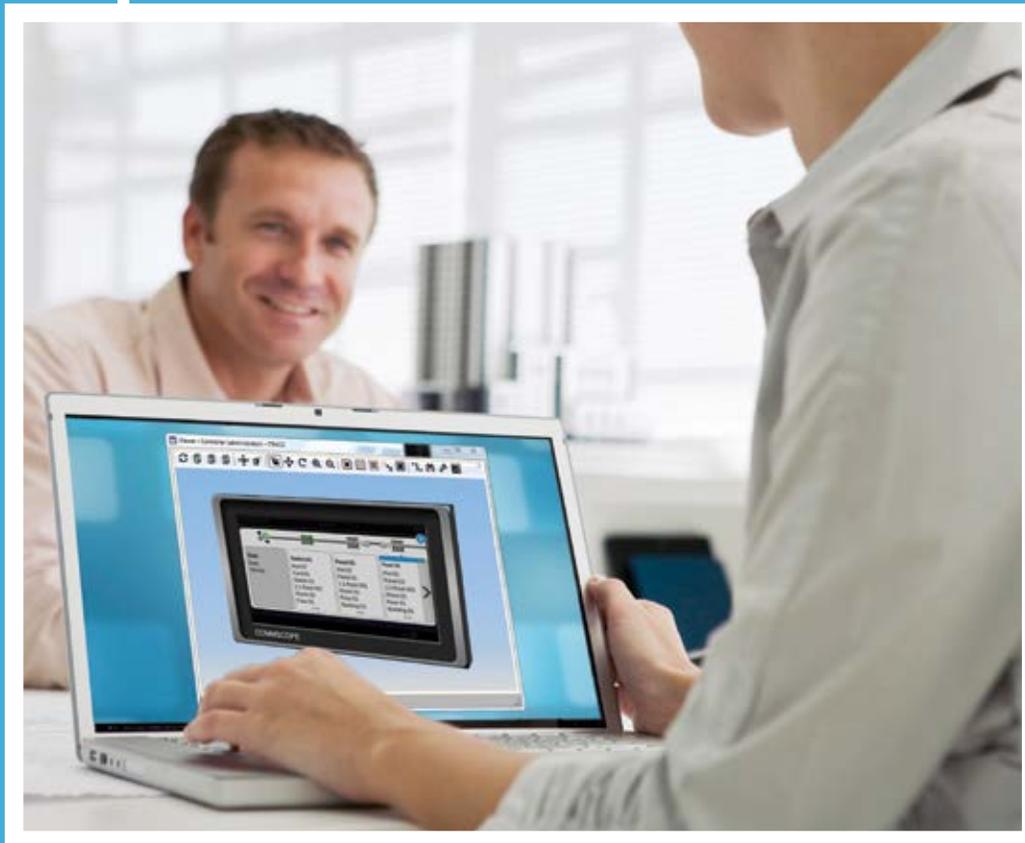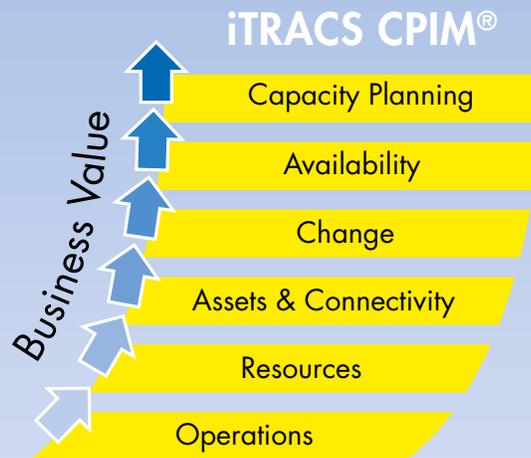# iTRACS®
A CommScope Company

Mastering the Connectivity Challenge

iTRACS CPIM® and CommScope® imVision®

*Part of the complete suite of iTRACS'
award-winning DCIM capabilities*

iTRACS®

iTRACS CPIM®

Business Value:
- Capacity Planning
- Availability
- Change
- Assets & Connectivity
- Resources
- Operations

**Intelligence.
Automation.
Insight.
Impact!**

Optimize Capacity, Enhance Availability, and Ensure Efficiency in the Data Center.

The iTRACS Converged Physical Infrastructure Management® (CPIM®) software suite, today's leading open, enterprise-class Data Center Infrastructure Management (DCIM) platform, has joined forces with CommScope's imVision® automated infrastructure management solution. Together, these two industry-leading software solutions offer you a new level of automation and insight into how physical infrastructure is understood, managed, and optimized as a strategic asset to the business.

The bottom line with CPIM and imVision? Better utilization of your existing physical capacity. Higher availability of IT services delivered to the business. And a tighter, leaner, more cost-efficient operation.

Welcome to a new level of intelligent infrastructure management.

imVision extends iTRACS' industry leadership in interconnectivity, offering CPIM users an additional source of physical layer intelligence with real-time visibility into the status of every link right down to every network port and patch panel. All connectivity data from imVision flows directly into the iTRACS CPIM database where this information is visualized and managed in iTRACS' robust platform. CPIM's operational and management tools, predictive what-if scenarios, and myAnalytics™ reporting and analytic capabilities are enriched with imVision's real-time reporting on the status of the physical layer.

For CPIM users – *real-time connectivity information at your fingertips*

One of the toughest challenges in the data center – connectivity – is easier than you think when you can manage based on knowledge, not guesswork. Real-time visibility into every network port and patch panel is now available in CPIM transparently. All patching changes in the imVision connectivity map are automatically updated in CPIM, eliminating human delays or errors and ensuring data accuracy. **It's a whole new level of insight at your fingertips …**

For imVision users – *a great time to step up to DCIM*

This is a great opportunity to explore the business value of a best-in-class DCIM platform while leveraging your existing CommScope investment in intelligent infrastructure management. CPIM provides visibility into the entire physical layer, expanding the depth and breadth of capabilities to manage all key resources – assets, power, space, connectivity, and cooling. **Your imVision information, now visible and leveragable in CPIM, becomes more valuable than ever …**

"Managing network connectivity is the hardest challenge I face."
Data Center Manager, Major Financial Institution

The data center is one of the most complex interconnected entities on earth – millions of interrelated assets and systems in a fluid state of growth and evolution. The biggest challenge facing executives accountable for the health of this environment is enhancing **connectivity**, the dynamic mesh of switching and the dynamic patching between IT assets, switches, and panels at the heart of the ecosystem.

The answer is CommScope.

CPIM and imVision in action...

Smarter decision-making about the interrelationships at the heart of the data center. imVision offers CPIM users important insight into physical connections and associations. Decisions about connectivity are based on knowledge, not guesswork. And imVision's Auto-Discovery feature automatically updates the CPIM model with real-time asset and connectivity data, keeping the CPIM database up-to-date without need for manual intervention.

Scenario 1: Capacity

Challenge:
Capacity Conflicts

A data center manager is reserving ports for new servers while a technician on the floor is performing multiple moves, adds and changes, creating an immediate conflict.

- New connections are using ports already planned for use – manager and technician are not communicating
- By the time the problem is found, the deployment is delayed and costs mount

Solution: real-time reporting

- imVision sees the technician's patching changes as they occur
- CPIM is automatically updated, identifying the conflicts for manager
- DCIM decision-maker notifies the technician, who immediately changes the deployment

The Bottom Line

1. Better collaboration for smoother deployment
2. Optimum use of available physical capacity

Scenario 2: Availability

Challenge:
Accidental Disconnect

A technician working in a crowded cabinet inadvertently removes the wrong fiber cable, bringing downstream devices to a standstill.

- Database does not automatically update change
- Alarm doesn't indicate exact location of the problem
- Downtime costs rise exponentially

Solution: root cause analysis

- imVision automatically identifies disconnection of the cable at the port level
- CPIM alerts manager there is an "unplanned change"
- Precise location information allows an immediate fix

The Bottom Line

1. Significantly faster mean time to resolution (MTTR)
2. A potential two-hour downtime incident can be resolved in a matter of minutes

Scenario 3: Efficiency

Challenge:
Accuracy Under Pressure

A high priority server install increases likelihood of human error as technicians rush to beat deadline

- Commissioning plan relies on static, out-of-date data (which ports are free, which aren't?)
- Time pressures make errors, and/or a circumvention of the process

Solution: guided patching

- imVision's guided port-by-port instructions provide instant feedback on every connection – technicians simply follow the lights on the panels!
- Confirmation sent once server is connected and on-line
- Automated process eliminates human error

The Bottom Line

1. Faster time-to-value for new assets, with faster IT services delivered to the business
2. More efficient use of IT team – no wasted cycles

Two industry-leading platforms.
A singular commitment to excellence.

While iTRACS' CPIM and CommScope's imVision will continue to be offered as separate best-of-breed software solutions, their integration opens a new window of opportunity to enhance the role, value, and impact of your infrastructure as a strategic asset to the business.

Whether you're a CPIM customer looking to leverage the power of imVision, an imVision user seeking to step up to DCIM, or a new member of the CommScope family who wants both from day one, it's all here under one world-class roof.

The Power of One

- One source of truth for network connectivity – The connectivity database only needs to be built once for both platforms.

- One vendor – Acquiring both solutions from the same provider streamlines vendor management, improves accountability, and simplifies maintenance.

- One vision – iTRACS and imVision have a great future together. Please stay tuned!

www.itracs.com