



## SYSTIMAX® structured cabling systems

High-performance infrastructure—built on the science of innovation

# Your network is too important for second-best solutions.

## CommScope innovation is ready for your network's evolution

Enterprise networks, from the data center to thousands of connected devices, are under incredible stress. New technologies, applications, devices and standards are forcing your network to evolve—and like any evolution, survival depends on agility and performance, with no room for error.

That's why your network is too important to trust it to anything less than the best and most trusted structured cabling solution in the world.

## BY 2019, NETWORKS MUST HANDLE:



Source: Cisco & Deloitte

## CommScope delivers the max with SYSTIMAX®

Top enterprises all over the world know and trust the SYSTIMAX name. It's the only complete, comprehensive single-source structured cabling solution available that covers every inch and every connection from the workstation, Wi-Fi access point, DAS remote, IP camera or other connected device, all the way to the data center.

SYSTIMAX is a comprehensive platform of advanced copper and fiber connectivity, with automated infrastructure management and high-efficiency interfaces that help you put more connections into increasingly crowded data center spaces. And because SYSTIMAX is a CommScope solution, it's backed by a reliable, responsive global network of manufacturing, logistics and expertise.

## SYSTIMAX covers it all

- Copper structured cabling
- High-performance fiber
- High-density panels
- Preterminated cabling solutions
- Design and planning tools
- Intelligent automated infrastructure management
- Comprehensive warranty
- Global service and support
- Comprehensive training through the CommScope Infrastructure Academy

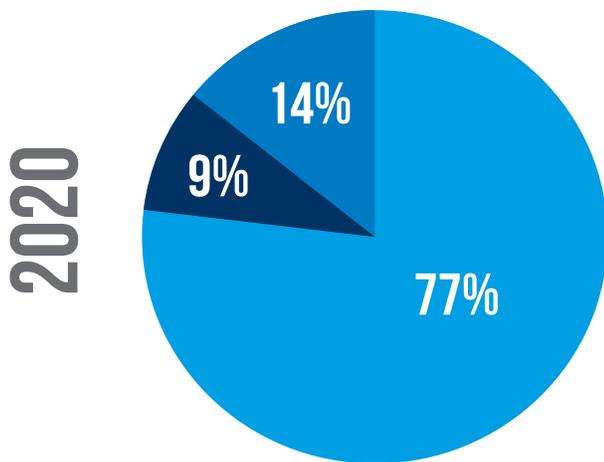
# 75% of the Fortune 100 trust CommScope

## The best global enterprises depend on best-in-class performance

SYSTIMAX stands apart from other solutions because it offers a unique combination of proven performance and innovative thinking. Like our most prominent customers, CommScope understands that even the best product must evolve to keep up with changing demands and expectations.

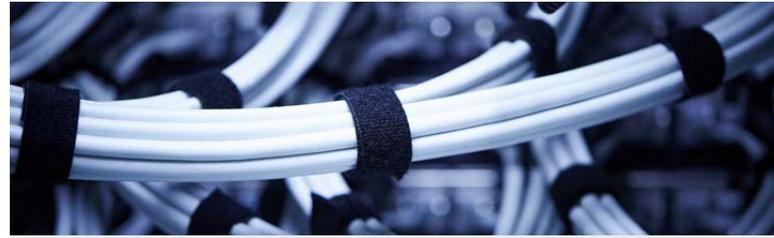
Even more, CommScope understands that the physical layer must evolve faster, BEYOND today's demands—that we must offer solutions that are ready for challenges you haven't even seen yet. That's why CommScope is always improving and expanding the SYSTIMAX portfolio—because by the time you realize your network needs more performance, speed and agility, we can tell you that it's likely already built into your SYSTIMAX infrastructure.

## BY 2020, 77% OF GLOBAL DATA CENTER TRAFFIC WILL RESIDE WITHIN THE DATA CENTER ITSELF – DEMANDING THE HIGHEST PERFORMANCE INFRASTRUCTURE



- Within Data Center
- Data Center to user
- Data Center to Data Center

Source: CISCO Global Cloud Index, 2015-2020



### SYSTIMAX Success Story:

#### A massive new data center needs a flexible, fast-deploying solution

A data center services company working in Hong Kong provided business-critical enterprise consultancy, architecture, security and cloud services. Their massive new data center needed to provide total performance and continuity for their financial clients—so they chose SYSTIMAX copper and fiber solutions based on CommScope's global reputation for quality and performance.

The solution included 185 miles (300 km) of GigaSPEED copper and 12 miles (20 km) of LazrSPEED fiber to connect 15,000 ports throughout the data center. Preterminated InstaPATCH 360 helped ensure fast deployment and low connection losses.

The final result was an integrated infrastructure that installed quickly, cost less to maintain and delivered the reliability and performance required by their most demanding financial clients.

### Migration? Evolution? Expansion?

SYSTIMAX is the best way to take your network to the next level.

From the core to the connected device, SYSTIMAX has always been there—and always been ahead of the curve.

That's what being best in class is all about.

# The first structured cabling solution still leads the way

SYSTIMAX doesn't just meet the standards—it exceeds them, even before they're published

When we say that SYSTIMAX has always been ahead of the curve, that's not just bluster. The fact is that SYSTIMAX performance consistently pre-dates and drives evolving industry standards.

SYSTIMAX was the first structured cabling solution ever offered for voice, data, video and related applications in enterprise environments.

Since its first generation in 1985, SYSTIMAX has continued to push the envelope of performance, simplicity and economy. While CommScope has long been a key player in drafting technical standards, the innovation of our SYSTIMAX solutions that demonstrate what's possible—years before the standards are formally published.

Like your business, CommScope knows that past progress only matters as prelude to tomorrow's technologies. We continue to innovate the new, standard-inspiring solutions like OM5 wideband multimode fiber and infrastructure that supports the higher power levels expected to emerge with the next Power over Ethernet (PoE) standards.

That's why you can rest assured that when your network runs on SYSTIMAX infrastructure, you're running at or ahead of the standards—and ahead of the competition. Our Applications Assurance guarantees this.

First there was...

SYSTIMAX® PDS (1985)

PowerSUM (1996)

GigaSPEED® (1997)

Differential Mode Delay & LazrSPEED® 300 (1998)

Intelligent Infrastructure (2001)

LazrSPEED 550 (2003)

TeraSPEED® (2003)

GigaSPEED X10D (2004)

InstaPATCH® 360 (2005)

LazrSPEED WideBand Multimode Fiber (2015)

Then came...

Category 3 (1991)

Category 5e (1999)

Category 6 (2002)

OM3 (2002)

TIA-606-B (2012) & ISO/IEC 18598 (2016)

OM4 (2009)

OS2 (2006)

Category 6A (2008)

Method B (2006)

OM5 (2016)

# SYSTIMAX means faster, more reliable and less stressful deployments

## Performance that's prepared for emerging technologies and applications

No matter what kind of enterprise environment you manage, it's a safe bet that you're either migrating, expanding and adopting new technologies and applications—or perhaps all three at once.

As the number of applications running on your network grows, more and more is resting on the reliability of your infrastructure. A single server may be running 20 critical applications at once; a dozen or more Wi-Fi users may all depend on a single backhaul link. Even a small, isolated infrastructure problem can quickly become a full-blown network crisis—and downtime is an expense that no business can easily afford.



SYSTIMAX performance meets or exceeds specifications so you can evolve with confidence and clarity.

- With intelligent management tools, SYSTIMAX ensures unprecedented visibility into the physical layer and optimal asset utilization.
- With remarkable bandwidth and speed, SYSTIMAX can handle all your connectivity needs, from Wi-Fi to NBase-T to multi-gigabit Ethernet and beyond.
- Our Ultra-Low Loss fiber performance enables longer reach or more connections.
- And with decades of proven performance, SYSTIMAX is backed by CommScope's legacy of innovation.



## The history of CommScope is the history of networking

CommScope understands your network's needs because we've been part of the evolution of networks themselves.

THE AVERAGE COST OF NETWORK DOWNTIME HAS RISEN 38% SINCE 2010, TO OVER \$740,000 PER INCIDENT IN 2016

Source: Ponemon Institute, 2016

# A universal solution, offered on a global scale

## The industry leader is never far away

SYSTIMAX is a cohesive system, not just a series of components. Likewise, SYSTIMAX manufacturing and distribution is a worldwide enterprise that puts the solutions you need in hand, quickly, reliably and economically.

CommScope's global reach, consistency, availability and manufacturing scale means we can deliver the technology and the expertise you need, where you need it.

## SYSTIMAX is backed by CommScope's 25-year assurance warranty

CommScope guarantees that all SYSTIMAX solutions will deliver on the terms and conditions of our 25-year assurance warranty:

- Will meet—and exceed—published specifications
- Will support all warranted, specified applications
- Will be replaced at no cost, whether a problem arises in the first year or the 25th

It's all covered under the CommScope Network Infrastructure System 25 Year Extended Product Warranty and Application Assurance. Only the best solution on the market can afford to offer this degree of warranty protection.

## PartnerPRO™ NETWORK

### The PartnerPRO® Network: Local support and service from CommScope-certified experts

CommScope also offers you access its exclusive PartnerPRO Network, a worldwide alliance of CommScope-certified planners, designers, installers, distributors, integrators and alliance partners to help you deploy quickly and efficiently. Each partner is local to you, adding valuable understanding of your environment, marketplace and other area-specific factors.

Simply put, the expertise you get from the PartnerPRO Network adds even greater value to your SYSTIMAX solution.

CommScope builds  
SYSTIMAX solutions for  
partners in 138 countries



# From solutions to support to service, the answer is SYSTIMAX

Your enterprise network is the lifeblood of your business, and it's under stress like never before. It's too important to trust to second-best structured cabling solutions.

SYSTIMAX invented structured cabling and continues to set the standards before the industry can even publish the standards. A complete, integrated solution, SYSTIMAX connects your enterprise from the data center to the desktop and everywhere in between.

And with CommScope as your partner, you can be assured that your network will benefit from industry-leading expertise and best-in-class support at every stage.

## SYSTIMAX Success Story:

### An NFL team needs to connect a massive new headquarters complex

The new world headquarters for a legendary NFL franchise was to be a state-of-the-art sports and media complex. Plans called for a distributed antenna system (DAS) to cover a 12,000-seat indoor stadium, plus connectivity for a data center and devices at club offices, outdoor practice fields and entertainment venues, among other locations.

SYSTIMAX solutions provided the connectivity for voice, video, data and other services across its 25 acres (101,000 square meters):

- GigaSPEED X10D Category 6A and cabling
- InstaPATCH 360 OM4 fiber trunk cables
- TeraSPEED high-fiber count singlemode cables

## YOUR NETWORK IS EVOLVING. EVOLVE TO WIN—WITH SYSTIMAX.

Driving the standards since 1985	Engineered to exceed today's demand	Enabling data center speeds to 400G and beyond	Eligible for CommScope's 25-year warranty	A tried-and-tested solution from a trusted partner
The original structured cabling solution	A complete, end-to-end solution	Copper, fiber, interfaces & intelligence	Trusted by the world's most successful enterprises	Global availability and local PartnerPRO support

Everyone communicates. It's the essence of the human experience. How we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers— we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.



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