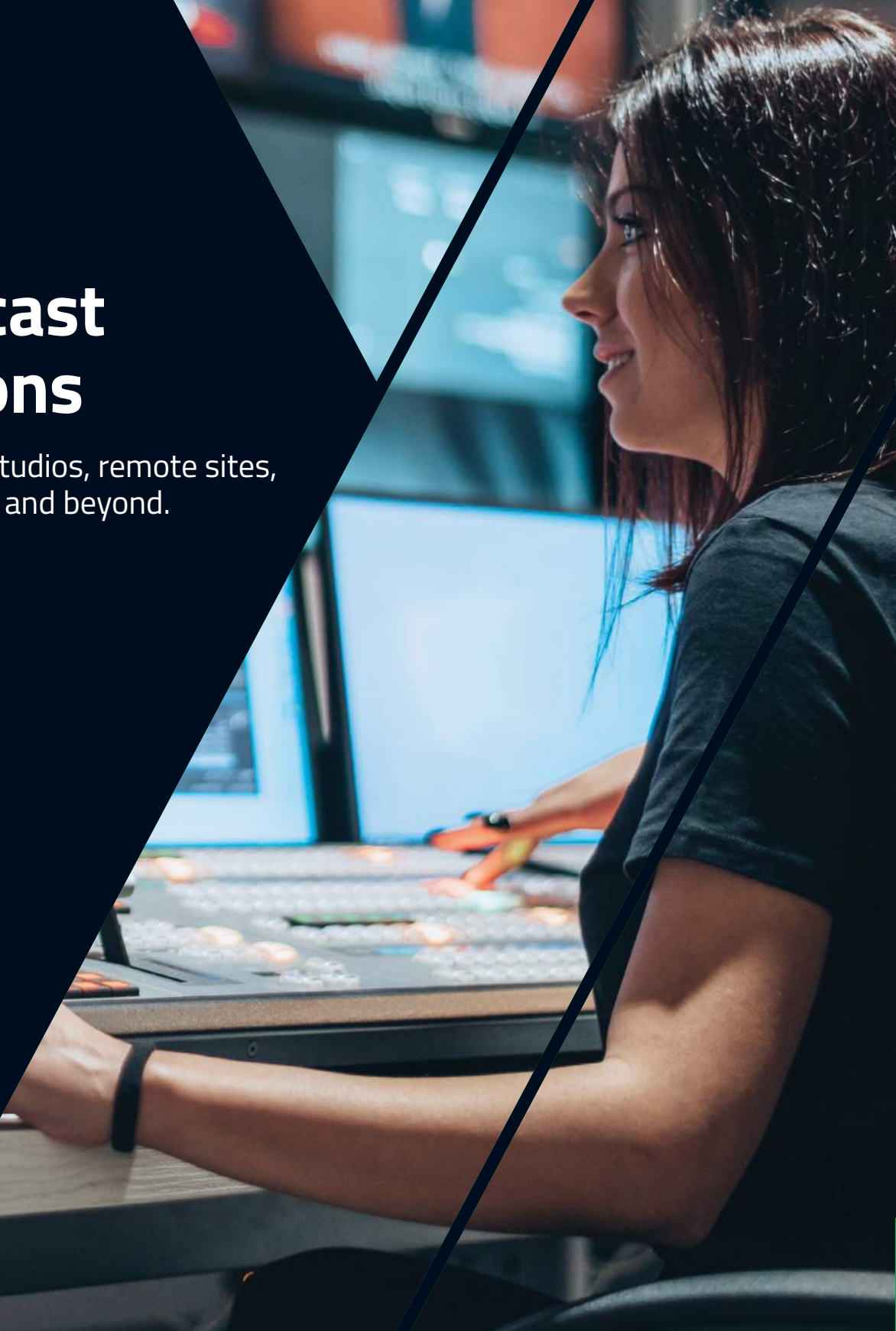




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# Broadcast Solutions

For stadiums, studios, remote sites,  
mobile vehicles and beyond.



Ingenuity delivered.



# Broadcast Solutions

As the world of broadcast continues to change and evolve, we know that broadcast engineers are always looking for proven solutions to deliver what they need, where they need them, how they need them and, most importantly, when they need them — day in and day out. There is no room for error in the world of broadcast engineering. Wesco Anixter’s global broadcast solutions team understands this and provides the end-to-end broadcast solutions required, no matter the environment. From the broadcast centre, to stadiums, to remote and truck solutions, to the studio, our experts can help you optimise your operations for efficiency and reliability.

This Broadcast Solutions Guide is designed to illustrate Wesco Anixter’s depth and breadth in broadcast solutions. Together with our global Technology & Support Services team (TSS) and our world-class broadcast supplier partners, you can trust us to deliver the mission-critical and value-added solutions that broadcast engineers rely on every day.

## Who Is Wesco Anixter

Wesco Anixter builds, connects, powers and protects the world, and has done so for more than 100 years. Delivering ingenuity and expertise to customers worldwide, we help your business run smoothly by providing solutions and services that can increase profitability, improve productivity and mitigate risk. With millions of products and locations in more than 50 countries, Wesco Anixter delivers what you need, when you need it.

## Broadcast Solutions Expertise

The broadcast world in which you live is an exciting, dynamic and fast-paced environment. Wesco Anixter’s broadcast solutions are specifically designed to meet the needs of broadcast engineers who know and understand that “mission critical” is just another way of characterising their day-to-day in broadcasting.

Wesco Anixter’s global broadcast solutions team leverages decades of experience to provide best practices in technical specifications, leading design customisation and value-add solutions ranging across broadcast centres to stadiums, remote broadcast solutions to the truck, studio solutions and more. Our team is your single source, not only for all things broadcast, but for virtually any media infrastructure need you may have, ranging from bulk copper and fibre cabling, copper and fibre cable assemblies (custom and stock), SMPTE hybrid fibre, custom plates and panels, physical security including access control, surveillance, video management and so much more. Wesco Anixter brings its global reach and local expertise to every customer engagement.

Regardless of your need, we can design and deliver a solution to help you achieve your business goals.

### OVERVIEW

#### In this guide, we will cover:

- The Broadcast Centre
- Stadiums and Venues
- Remote Broadcast Solutions
- Broadcast Truck Solutions
- Broadcast Studio Solutions
- Critical Value-Added Broadcast Solutions
- Global Technology & Support Services
- Wesco Anixter’s Broadcast Supplier Partners

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# The Broadcast Centre



## 1. Fibre Back Bone/Fibre Core

- Optical distribution frames (ODF)
- High density fibre splice cabinet

## 2. Central Equipment Room (CER)

- Fibre entrance/exit cabinets
- ToR fibre distribution
- SMPTE distribution
- Overhead cable management

## 3. Fibre Handoff Room

- Fibre entrances/exit cabinets/wall mount boxes

## 4. Studio Control Rooms

- Fibre/copper desk application products

## 5. SMPTE Cross Connect

- SMPTE rack mount panels

## 6. Studio Cameras

- SMPTE assemblies

## 7. Studios

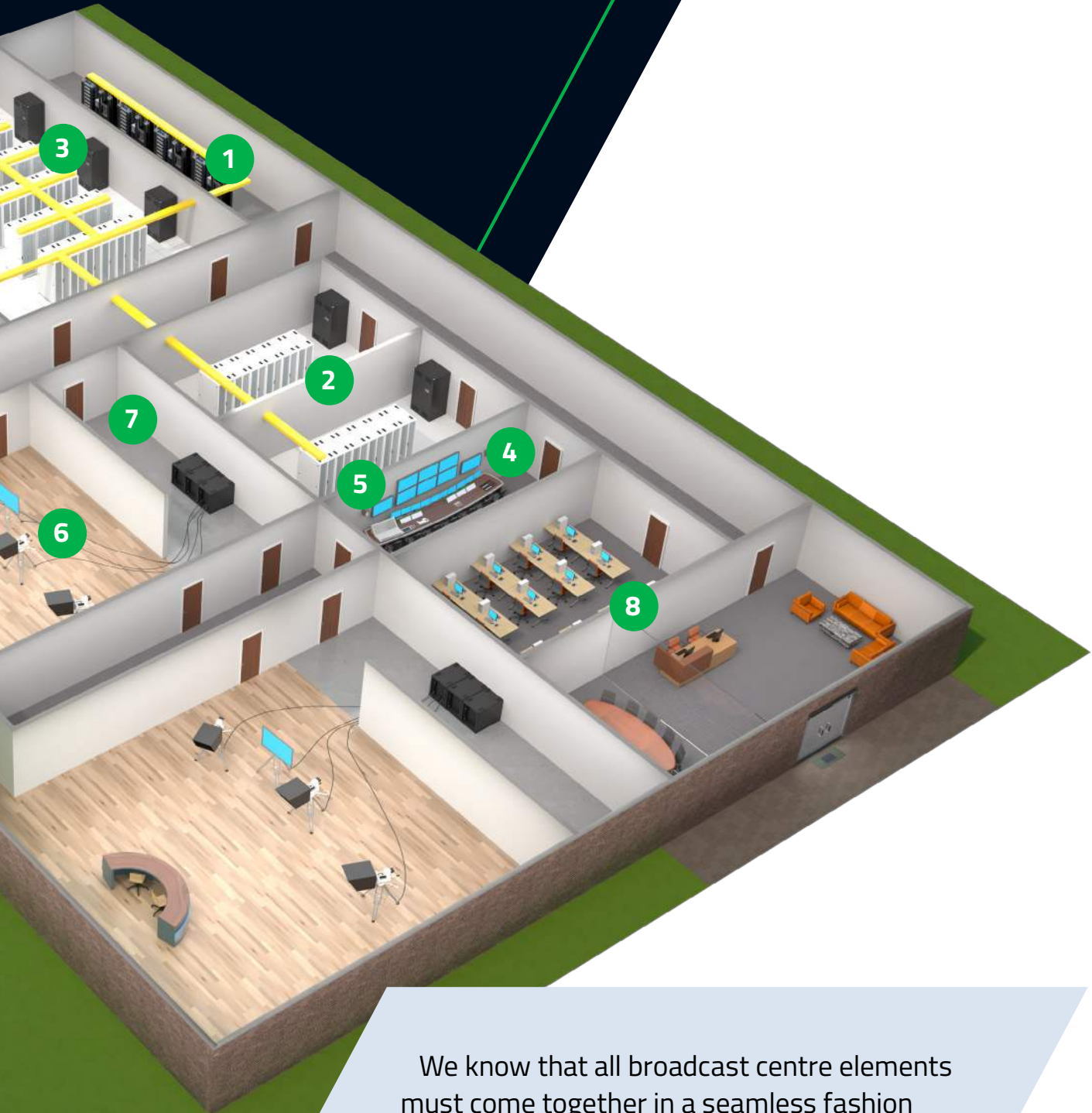
- Broadcast service panels (BSP)

## 8. Editing and Graphics

- Desk applications
- Fibre wall box

## 9. IT Handoffs

- ToR fibre distribution



We know that all broadcast centre elements must come together in a seamless fashion with no margin for error. Wesco Anixter's broadcast solutions team helps make this happen. By partnering with world-class integrators and manufacturers in more than 50 countries, we combine our vast geographic range with local expertise and capabilities to offer quality solutions you can trust.

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# Stadiums and Venues

Modern venue network infrastructure is critical to success. The constant changing of broadcast requirements means that today's sports venues must be future proofed to provide the optimal fan experience. Wesco Anixter offers both SMPTE 311 hybrid (mixed copper and fibre) compliant and compatible solutions, as well as fibre-only solutions. Either solution is aptly suited to be permanently installed in the broadcast venue, connecting camera locations to a centralised broadcast compound.

Wesco Anixter's hybrid solutions allow broadcasters to connect their camera control units (CCUs) to their cameras directly, without having to pull thousands of feet of cable around the venue. This cuts down on setup time and reduces cable tripping hazards in public areas.

Wesco Anixter's fibre-only solution is ideal for venues with limited conduit space, as the cables are smaller and lighter than what may typically be used. Through media converters or SMPTE adapters, full video connectivity can be provided without the distance limitations of powering cameras through hybrid cables.

Additionally, smaller and lighter fibre-only cables enable more fibres to be run to more locations, increasing the venue's ability to support simultaneous broadcasts by multiple networks. Whichever option is needed for your venue, Wesco Anixter is ready to assist in creating your ideal end-to-end solution with our full line of broadcast solutions.





# Remote Broadcast Solutions

Seamless remote broadcast event operations are both complex and mission critical, even without the luxury of a venue's permanent network infrastructure. These productions rely on mobile studios like those found in broadcast trucks. Today, these mobile studio units are being moved further and further away from the venue to better control fan experience elements including tailgating, entertainment, concession stands and additional security.

Wesco Anixter offers both SMPTE hybrid (mixed copper and fibre) compliant and compatible solutions, as well as fibre-only solutions. Using media converters or SMPTE adapters, full video connectivity can be provided without the distance limitations that arise from powering cameras through hybrid cables.

Despite the challenges of your deployable application, Wesco Anixter's global broadcast solutions team can assist in designing your end-to-end solution with our full line of broadcast products.

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## **Broadcast Truck Solutions**

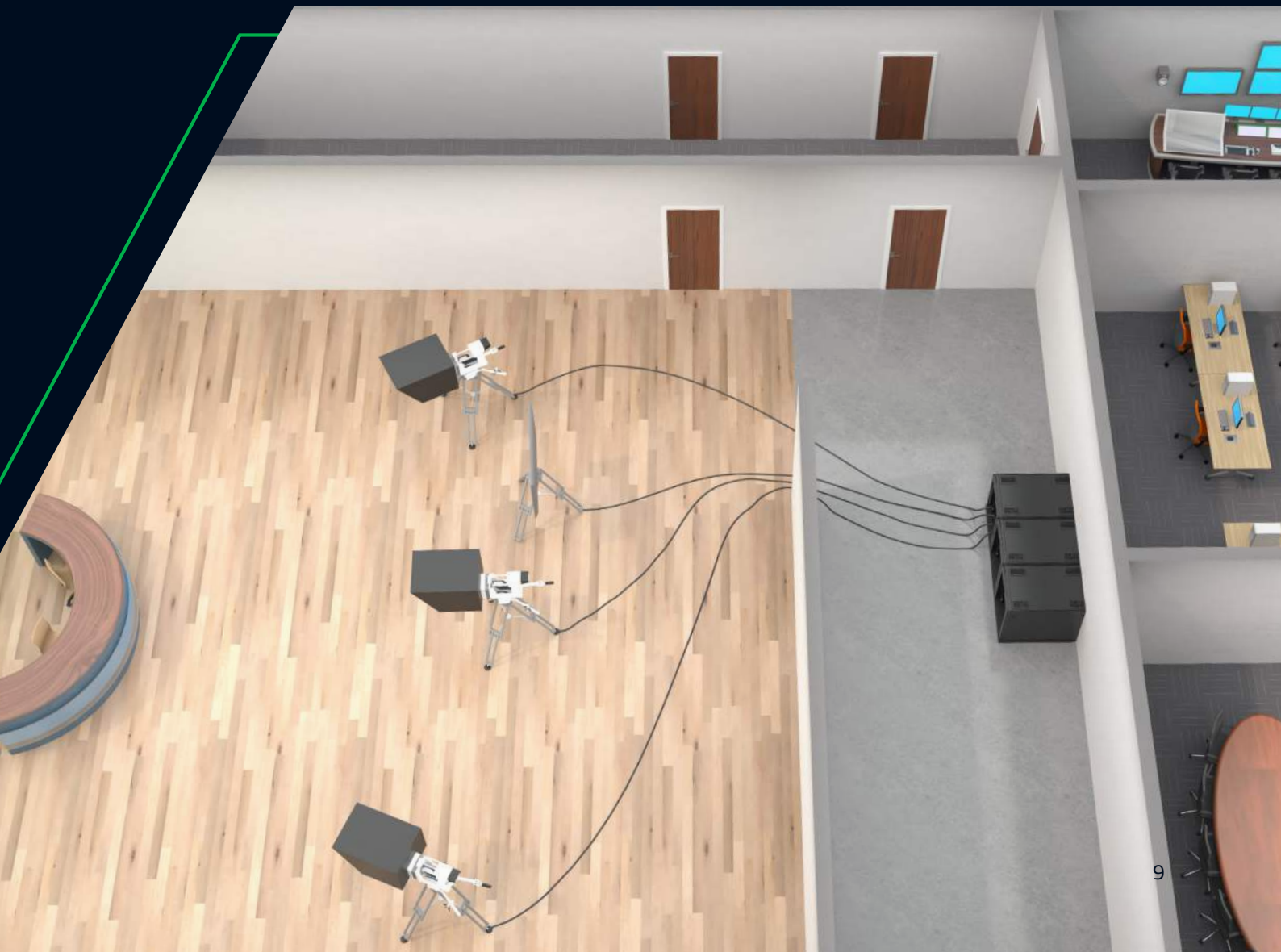
Wesco Anixter's broadcast solutions team provides broadcast and military tactical fibre optic cables, in tandem with rugged high-density multi-fibre connectors, offering a reliable method of interconnecting various trucks within a broadcast compound.

Ideal for connecting graphics trucks with the main production truck, Wesco Anixter's global broadcast team offers connector solutions, enabling an up to 48 fibre connection in one easy-to-mate connector.



# Broadcast Studio Solutions

Wesco Anixter's global broadcast solutions team understands that reliable, high performance, end-to-end solutions have never been more important in the broadcast industry. Wesco Anixter's full suite of broadcast solutions can play a major role in improving reliability, mitigating risk, reducing costs and enhancing digital studio production workflows.



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# Value-Added Broadcast Services

We know within the broadcast world there is no room for error. That's why we have you and your projects covered from staging and on-time delivery to connectorisation. Wesco Anixter's broadcast team connects what you need, where and how you need it. From cutting Ethernet, coax and fibre to specified lengths, to terminating with your connectivity of choice via fully tested cable solutions with documentation back-up — we help ensure that your broadcast solutions fit your needs and can be relied on to work as needed, every single time. We also provide racks from the simple to complex, per your specifications delivered dock-to-dock or fully loaded and wired via white glove service.

## Global Technology & Support Services

Technology innovation is a core differentiator for Wesco Anixter's global broadcast solutions team. It helps our broadcast customers achieve business insights, delivers new business models and processes for agile decision-making, improves performance and seamlessly scales for stronger outcomes.

Our global Technology & Support Services (TSS) team is your single technical resource for Wesco Anixter broadcast solutions, providing insights into the latest innovations, product development and testing. Our TSS team offers expert advice on the solutions and services that can help meet your current and future broadcast needs.

### **Benefits of partnering with Wesco Anixter's global TSS team:**

- Drives business acceleration, expands opportunities and provides scalability
- Creates differentiated market value to drive profit and competitive advantage
- Provides insight to keep pace and align with emerging technologies
- TSS engineering teams, regardless of geographical boundaries, can support your complex broadcast projects or day-to-day technology engagement requirements

# Broadcast Supplier Partners

## Copper Connectivity

- Belden
- Canare
- CommScope
- Leviton
- Neutrik
- Ortronics
- Panduit

## Fibre Connectivity

- AFL
- Amphenol
- Belden
- CommScope
- Corning
- Leviton

## Optical Distribution Frames and Splice Cabinets

- Amphenol
- Belden
- CommScope
- Corning
- Leviton

## Racks, Cabinets, Enclosures and Containment

- Bulloch Fabrication
- CommScope
- CPI
- Legrand / Middle Atlantic
- Panduit

## Power (PDUs, UPSs)

- APC
- CPI
- Raritan-Server Tech

## Copper Cable

- Belden
- CommScope
- Leviton
- Panduit

## Fibre Cable

- Belden
- CommScope
- Corning
- Leviton
- OCC

## Cable Assemblies (Copper, Fibre, SMPTE 311)

- Belden
- CEX (CommScope)
- Leviton
- Neutrik (Duo-Quad - Ethercom - XLR)
- OCC

## Audio and Video Coax Connectivity and Jackfields

- Lindy
- Liberty

## Furniture

- Ashton Bentley
- Lund Halsey
- Middle Atlantic

## SMPTE - BSPs (Breakout Panels and Cross Connects)

- Nema1
- OCC

## Displays and Monitors

- Eizo
- Samsung
- Sharp NEC

## Brackets/Mounts

- Chief
- B-Tech

## Bringing It All Together

The broadcast world is evolving like never before. Traditional broadcast networks and even cable TV providers are seeing new streaming competitors every day. Infrastructure solutions are constantly growing, upgrading and evolving. What's new today becomes obsolete tomorrow.

Wesco Anixter's global broadcast solutions team is ready to assist with virtually any broadcast infrastructure need, from design to deployment. No matter your environment, we have trusted solutions for broadcast centres, remote studios and trucks, sports and entertainment stadiums, and more.

Wesco Anixter's broadcast solutions team provides what you need, where you need it, how you need it and when you need it.

For more information on Wesco Anixter's broadcast solutions, contact your account manager or visit [Wesco.com/proav-emea](http://Wesco.com/proav-emea).



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**[Wesco.com/emea](https://www.wesco.com/emea)**

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**Ingenuity delivered.**

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