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# BEHIND THE SIGN INNOVATION

DIGITAL SIGNAGE TRENDS & SOLUTIONS

**LATEST TRENDS** making lasting impressions through technology that **CONNECTS** people, spaces and experiences

# market trends

## BEHIND THE SIGN

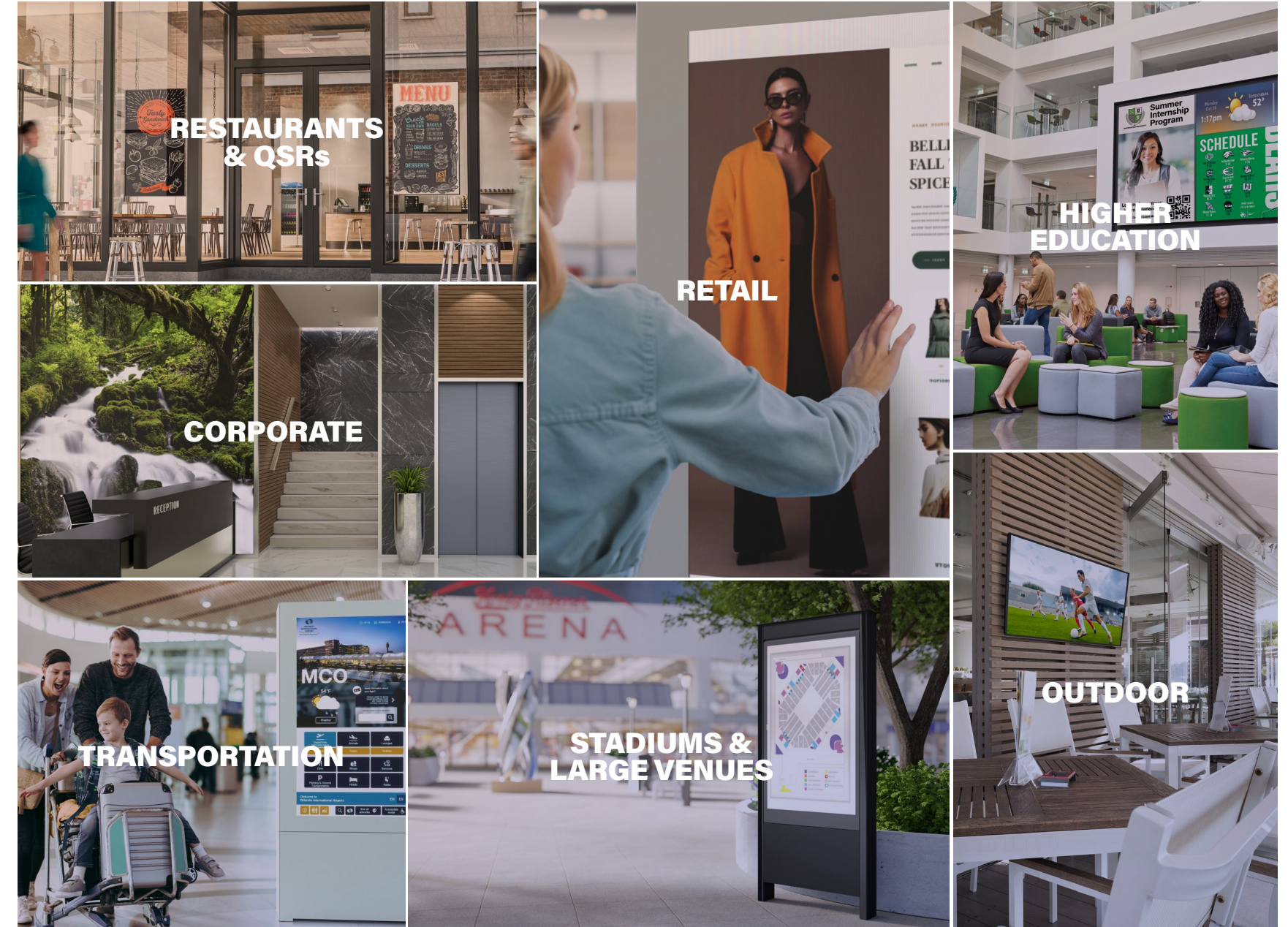
**DIGITAL SIGNAGE PROVIDES A TOUCHSTONE BETWEEN ORGANIZATIONS AND PEOPLE ACROSS EVERY ASPECT OF LIFE.**

We in the Pro AV industry can strengthen those community bonds with reliable digital signage systems that unflinchingly communicate consistent messaging where it's most needed as well as engage viewers with entertaining content that inspires and delights.

**LEGRAND | AV WORKS CLOSELY IN THE DIGITAL SIGNAGE SPACE WITH LEADING DISPLAY AND CONTENT SYSTEM MANUFACTURERS,** we get the advantage of a larger view toward trends in the industry.

Being brand agnostic allows us to support displays, media players and content creators from across the digital signage landscape, giving specifiers the flexibility to change direction or work with the leading manufacturers they trust most. Our engineers work directly with display manufacturers to determine the best way to showcase and safeguard their solutions.

This unique perspective across the breadth of digital signage applications puts integrators choosing Legrand | AV ahead of the curve. We design solutions that solve problems they're encountering in the field to keep projects on track and meet the highest expectations.



**RESTAURANTS & QSRs**

**RETAIL**

**HIGHER EDUCATION**

**CORPORATE**

**TRANSPORTATION**

**STADIUMS & LARGE VENUES**

**OUTDOOR**



Digital signage is now an important part of the foodie scene from quick serve restaurants to sports bars to fine dining establishments. **WELCOME GUESTS, CREATE A MOOD, DISPLAY NOT-TO-MISS MENU ITEMS AND LEAVE A LASTING IMPRESSION.**

Digital menu boards prominently display the latest specials and allow customers to start figuring out their order from the back of the line with easier to read displays.

Self-service kiosks give guests another choice for ordering with the added benefit of double-checking their order for accuracy. **INCREASED ORDER ACCURACY** is the holy grail of QSR metrics, so providing fewer failure points should be an easy choice for chains looking to raise customer satisfaction.

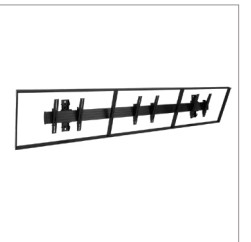
Also helping with order accuracy are **ORDER STATUS** boards which improve the experience with clearly labeled details for both food preparers and updates for the customer.



**KEY PRODUCTS FOR RESTAURANTS AND QSRS**



Fusion Large Micro Adjustable Tilt Wall Mount



Fusion Large Wall Menu Board



Outdoor Tilting Wall Mount



ConnexSys Video Wall Mounting System



Samsung Kiosk Wall Mount



Impact Outdoor Portrait Kiosk

# retail

Retailers who individualize the customer journey through digital signage are capturing new market share with amazing experiences.

When walking into an environment, **YOU CHOOSE HOW TO INTERACT WITH DIGITAL SIGNAGE.** That may include speech or touch interactions, or maybe the display supplies a code for the customer inspecting the physical product so they can order it from their phone for home delivery.

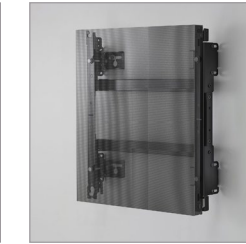
Video walls and column-mounted displays set the stage with **ENGAGING BRANDING AND ENTICING ADVERTISEMENTS**, but it's the kiosks and interactive displays that delight with ease of ordering or customization.



## KEY PRODUCTS FOR RETAIL



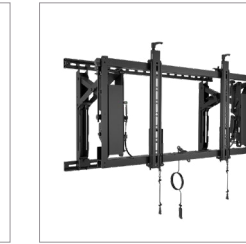
Impact Floor Mounted Kiosk



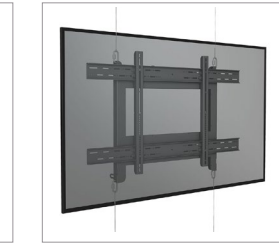
TiLED dvLED Video Wall Mounting System



Outdoor Impact Floor Kiosk



ConnexSys Video Wall Mounting System



Cable Floor-to-Ceiling Flat Panel Mount



Tablet Floor Stand



# corporate

Corporations are looking to maximize returns on any investments and the power of digital signage to **ENHANCE GUEST EXPERIENCES AND CREATE A POSITIVE IMPRESSION OF THE COMPANY** can't be overstated.

From a budget standpoint, digital signage can help get the most out of spaces by measuring analytics, it can measure who is using a space, how they are using it, and how to manage downtime effectively.

As a global company, the brands of Legrand | AV are also ready to assist global rollouts with support teams and shipping locations all over the world.



## KEY PRODUCTS FOR CORPORATE



Impact On-Wall Kiosk



TILED dvLED Video Wall Mounting System



Outdoor Impact Floor Kiosk



Small Flat Panel Fixed Wall Display Mount



Impact Floor Mounted Kiosk



Colleges and universities have embraced digital signage as a **KEY ELEMENT TO REACH EVERYONE ON CAMPUS** to share essential information and messaging plans.

The need to convey dynamic messaging where it's most needed has shifted digital signage from a nice-to-have experience to a critical must-have solution.

Digital signage plays a role across multiple campus functions – dvLED walls for admissions recruitment and branding, dining hall menu boards, wayfinding and room scheduling, stadium signage and more. Even bookstores are using signage to **IMPROVE STUDENT EXPERIENCES.**



**KEY PRODUCTS FOR HIGHER EDUCATION**



Outdoor Impact Floor Kiosk



Impact Floor Mounted Kiosk



Fusion Large Micro Adjustable Tilt Wall Mount



Tiled dvLED Video Wall Mounting System



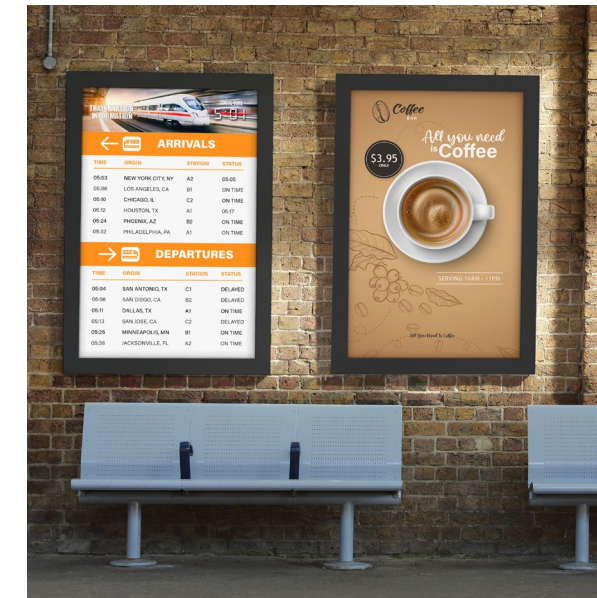
Cable Floor-to-Ceiling Flat Panel Mount

# transportation

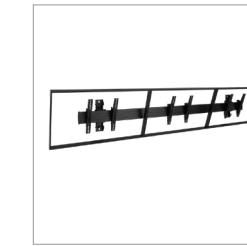
Digital signage plays a major role in operational efficiency for the transportation industry. **WAYFINDING AND UP-TO-DATE, EASILY UNDERSTANDABLE SCHEDULES ARE VITAL IN GETTING PEOPLE WHERE THEY NEED TO BE.**

Airport terminals are filled with opportunities to reach travelers with marketing messages, digital kiosks add sales revenue opportunity by supplying a QR code to complete the purchase and set up convenient shipping directly to a traveler's home.

Help disoriented travelers find their ride with outdoor digital signage to direct them to pick-up locations. From drop-off to pick-up, digital signage can **IMPROVE THE TRAVEL EXPERIENCE** and **GENERATE ADDED REVENUE.**



## KEY PRODUCTS FOR TRANSPORTATION



Fusion Large Wall Menu Board



Impact On-Wall Kiosk



Impact Floor Mounted Kiosk



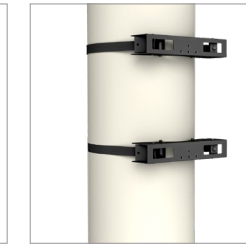
TiLED dvLED Video Wall Mounting System



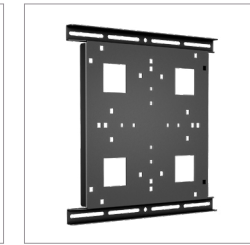
**KEY PRODUCTS FOR STADIUMS & LARGE VENUES**



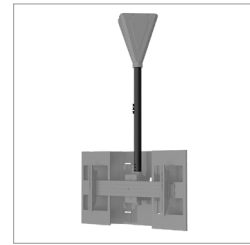
Outdoor Impact Floor Kiosk



Structural Column Adapter



Variable Column Adapter



Outdoor Flat Panel Ceiling Display Mount with Column



# stadiums & large venues

Large venues are where digital signage shines. With the large variance in structural elements, including concrete slabs, columns, I-beams, high ceilings and more, it pays to have a manufacturer with **SOLUTIONS THAT CAN HANDLE ANYTHING A STADIUM THROWS AT YOU.**

Outdoor kiosks are increasingly becoming an **EXTENSION OF THE ARENA EXPERIENCE** - heightening anticipation on the way in and continuing the celebration on the way out.

Wind-rated outdoor column mounts **KEEP DISPLAYS, STRUCTURES, AND (MOST IMPORTANTLY) GUESTS PROTECTED** in the event of catastrophic failure. Suites and concessions provide additional digital signage opportunities with flat panel displays and menu boards.





# outdoor

Many markets have opportunity for outdoor digital signage, which requires specialized support systems to **HANDLE SUN, HUMIDITY, RAIN AND WIND YEAR AFTER YEAR.** Outdoor-rated mounts maintain their aesthetic over time while protecting sensitive AV technology from punishing weather.

For large-scale rollouts in a stadium or other outdoor venue, it pays to have solutions that can be installed quickly and safely. Chief's focus on installer-centric design ensures that every part of the process has been addressed with features that keep projects on schedule.

Outdoor power solutions help to support the signage system as well as provide device charging opportunities to increase dwell time.



## KEY PRODUCTS FOR OUTDOOR



Outdoor Flat Panel Pedestal Display Mount with Column and Plate Cover



Outdoor Articulating Wall Mount



Impact Outdoor Portrait Kiosk



Charging Station

# other markets

**DIGITAL SIGNAGE** is one of the **MOST USED APPLICATIONS** across markets. Here are a few more **TRENDS WE'RE SEEING**.



## FINANCE & BANKING

Financial institutions can go beyond branding to driving product awareness, even providing one-to-one personalization capabilities for customers who opt in. Deliver accurate, timely information to customers at the bank branch with digital signage that reinforces the institution as a trusted advisor.



## HEALTH & FITNESS

Remind guests of upcoming classes and opportunities with on-wall kiosks. Menu-boards can keep up with daily juice bar specials. Content on wall and ceiling-mounted screens keeps members engaged in workouts.



## MANUFACTURING

Keep lines rolling with signage that keeps communication open between the front office and production areas. This includes current news, metrics, KPIs, safety information and shift-based announcements.



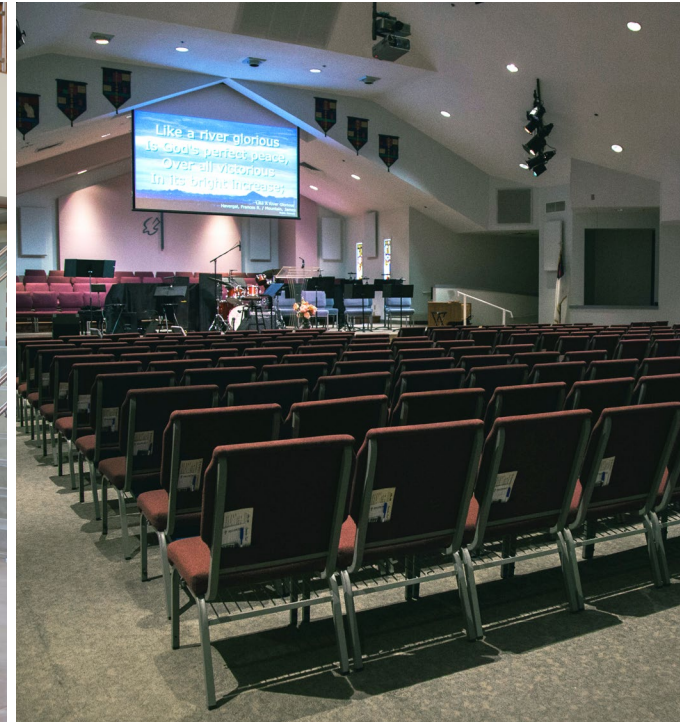
## HOSPITALITY

Video walls and kiosks add to the atmosphere, help with wayfinding, and provide additional revenue opportunities through advertising local businesses and events. Increase guest comfort level with clear signage for conferences that can be updated with every breakout session.



## HEALTHCARE

Hospitals and clinics are using the latest AV solutions to optimize spaces for better healthcare delivery and to keep providers and patients connected. Wayfinding is essential for large hospital campuses and digital signage displays provide reassuring updates for family members waiting for their loved ones in surgery.



## HOUSES OF WORSHIP

Generate a tighter community bond with signage that welcomes worshipers, informs them of any recent announcements, and provides them a live video feed of the service, no matter where they are in the building.

# partnerships

**WITH DIGITAL SIGNAGE, SALES DON'T START WITH THE MOUNT. THEY START WITH A PURPOSE THAT DRIVES CONTENT AND DISPLAY CHOICES.**

**Legrand | AV has developed strong partnerships with industry leaders in the digital signage space. Once the hardware, software and content are decided, we're ready to step in to support with the infrastructure solutions that make the vision possible.**

Our many partnerships across the digital signage landscape allows us to support displays and media players from across the industry, giving specifiers the flexibility to change direction or work with the manufacturers they trust most. Our engineers work directly with leading display and content system manufacturers to determine the best way to showcase their solutions so digital signage systems can look and perform their best.

How do these partnerships affect design? One example is our outdoor kiosks, which come with display specific perforated rear panels to provide separate intake and exhaust in accordance with the thermal guidelines of our manufacturer partners. The IP54-rated device storage area keeps components protected and at stable temperatures. This is just one of many **DIGITAL SIGNAGE SOLUTIONS BUILT TO ENSURE THE CONTENT IS THE STAR OF THE SHOW.**

We've got you covered at every stage with several specialized teams ready to jump in and assist with your latest project.

# Need help?

## DIGITAL SIGNAGE TEAM

Legrand | AV's **Digital Signage team** specializes in providing end-to-end support throughout the entire process. Close connections with manufacturing partners and the AV design community help you avoid potential supply chain issues, not to mention the wealth of experience they bring to identify solutions that address your objectives.

## BEHIND THE SCENES TEAM

*We have yet one more available team, but you'll probably never meet them. It's like having your own personal digital signage system lifesaver on the case. This team is called up to tweak a product or combine existing parts from the thousands of solutions on hand to meet your specifications. So, if all else fails...don't worry, we have a back up plan!*

## SOLUTIONS ENGINEERING TEAM

For further assistance, the **Solutions Engineering team** is on deck to leap in with free system design, product swaps, diagrams and training. The five members of this top-notch group come from all areas of the AV industry and bring an incredible range of experience to helping customers through the more technical challenges of system design.

## TILED SOLUTION SERVICES

When it comes to direct view LED digital signage, we understand the unique challenges this technology presents. For situations where you need assistance beyond what the Digital Signage team typically offers, there's **TILED Solution Services**. This team helps with personalized design consultation, securing experienced labor, and mitigating risk. You choose the level of service you need behind the sign to create stunning video wall displays that delight audiences.

## KEY PRODUCTS

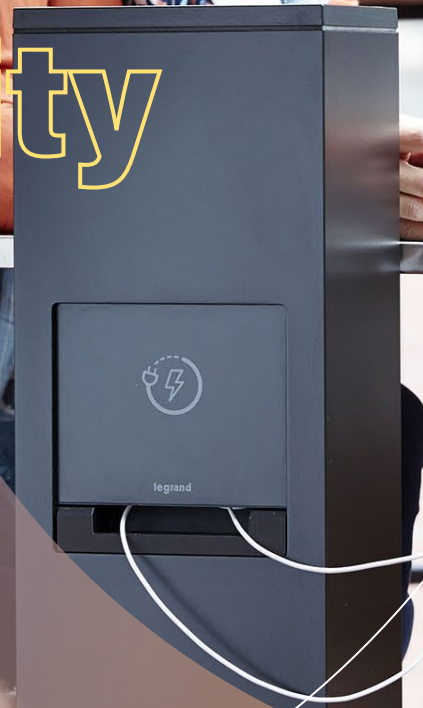
When it comes to the **LATEST TRENDS** in digital signage, the solutions listed above within each market are **OUR FAVORITE GO-TO PRODUCTS** to create incredible experiences that make lasting impressions.

We've also curated a collection of **BEHIND-THE-SCENES SOLUTIONS** you should consider to complete your digital signage system.

# power & connectivity

For dependable digital signage systems, you'll need to carefully consider the underlying infrastructure – the connections and power supplies.

Middle Atlantic has designed power solutions specifically for the exacting needs of AV equipment. **AV POWER SOLUTIONS PROVIDE RELIABILITY, PROTECTION AND CONTROL TO EXTEND THE LIFE AND UP-TIME OF THE SYSTEM.** C2G's connection solutions are 100% tested at the production line to provide peace of mind it will perform as expected in the field.



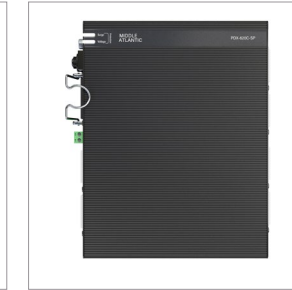
## POWER



Charging Station



Backup Power



Compact Surge Protected PDUs



Power Strips

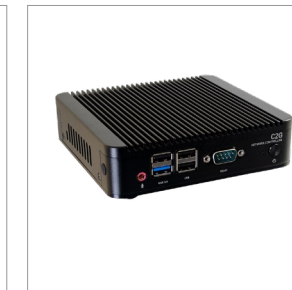
## CONNECTIVITY



HDMI over IP Encoder



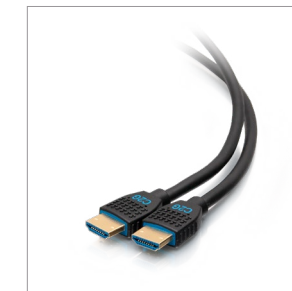
HDMI over IP Decoder



Network Controller for HDMI over IP



HDMI HDBaseT + USB-C



Performance Series HDMI Cables



Cat6a Cables



USB Cables

# switches & access points

For network connectivity and extended power options that drive digital signage peripherals, Luxul's switches and access points provide the **FLEXIBILITY WITH A SMALL FORM FACTOR THAT WON'T REQUIRE MUCH SPACE BEHIND THE SIGN.**

Switches come in a variety of sizes and levels of control to fit your specific project needs. Some even include PoE self-healing with auto-recovery and power scheduling to handle small problems without having to intervene personally.

These Luxul access points only require a single Ethernet cable that delivers both power and data through the integrated PoE+ port to simplify Wi-Fi installation and minimize setup time and costs. They also handle the most demanding digital signage applications that require streaming media.

## KEY PRODUCTS

### SWITCHES



Unmanaged Switches



Managed Switches

### ACCESS POINTS



WiFi Access Points

**KEY**  
PRODUCTS

# storage accessories & device holders

Digital signage systems require the ability to keep equipment close. Chief has storage and accessory mounting options for in-wall, above ceiling, or behind the display (even Thinstall mounted displays!).

These storage solutions are our top picks for specifying a secure and easy to service digital signage system.

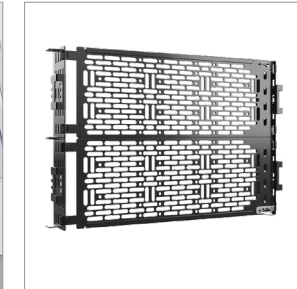
## STORAGE



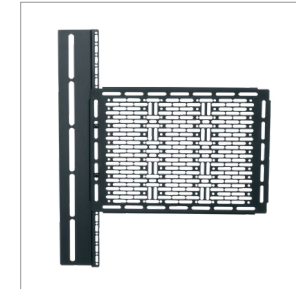
Proximity In-Wall Storage Boxes



Above Ceiling Storage Boxes



Lever Lock Plates



Storage Panels

## STORAGE ACCESSORIES & DEVICE HOLDERS



Clamp Kits



Video Wall Accessory Device Holders



Accessories for Display Mounts

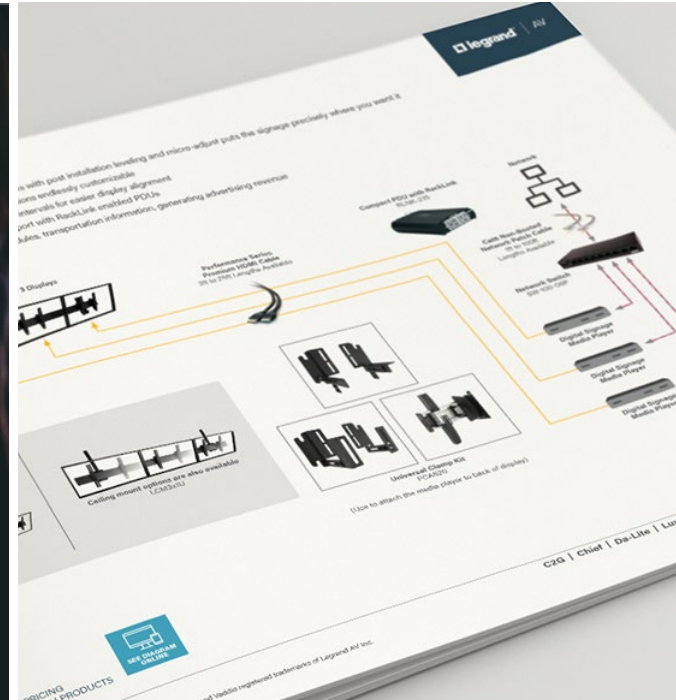


Forward Device Clamps



## DIGITAL SIGNAGE SOLUTIONS

Explore the one-stop-shop for all things Digital Signage and let the signage do the talking with solutions that provide branding, wayfinding, up-to-date menu information and more.



## DIGITAL SIGNAGE DIAGRAM COLLECTION

Kick it up a notch with one of our many free digital signage system diagrams to start the specifying process, and make lasting impressions through technology that connects people, spaces and experiences.



## TILED™ WEB TOOL

Our free web tool helps you create the video wall system you envision. Offering quick, convenient assistance for selecting the displays and mounting systems to design the right configurations needed.



## MOUNTFINDER

Our MountFinder™ tool makes setup simple by matching your exact display with a mounting solution that allows you to place it virtually anywhere regardless of stud location, wall surface material, or even weather challenges.



## FUSION MULTI-DISPLAY CONFIGURATOR

Chief's Fusion Multi-Display Configurator allows you to build and order the parts necessary to meet your exact application requirements. Simply enter the number of displays, orientation and configuration details and we'll build a customized parts list of Fusion components to safely meet the exact specification.



## THE UPS CALCULATOR

The uninterruptible power supply runtime calculator is key to ensuring you have enough battery runtime and you have the right size UPS to cut cost.

**DON'T FORGET ABOUT TRAINING**

Check out AV University.



# corporate social responsibility

Legrand has laid out its commitment to corporate social responsibility in four main areas that bring together the most tangible challenges for stakeholders.



## DIVERSITY AND INCLUSION

For Legrand, diversity and inclusion are a source of sustainable performance and prosperity. It is our ambition to be a leading player in the area of inclusiveness, embracing and promoting all types of differences.



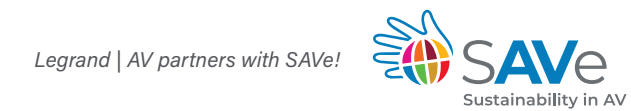
## REDUCING CARBON FOOTPRINT

It is urgent to reduce our carbon footprint in order to fight climate change. We're committed to reducing carbon emissions related to our own activities by 50% and carbon emissions in our value chain by 15% by 2030.



## LIMITING ENVIRONMENTAL IMPACT

Integrating a circular economy approach into our activities is a major component of our sustainable development. We're innovating to build an economy in which the end-of-life of a product is taken into account to limit environmental impact.



Legrand | AV partners with SAVE!



## PRIORITIZING SAFETY, HEALTH & WELL-BEING

Acting responsibly means respecting and supporting all stakeholders, including employees and customers. This means prioritizing safety, health and well-being of teams, and we help and expect suppliers and subcontractors to comply with these same standards of social and environmental responsibility.



# GO THE DISTANCE

## with Active Connectivity

Overcome 'passive' cable length limitations. Amplify and boost your signal with C2G.

Extend 4K HDMI up to 130ft over a single Cat6a network patch cable using HDBaseT technology.



[www.legrandav.com/products/c2g](http://www.legrandav.com/products/c2g)