



Sony CLED Mobile Solution

- Digital signage plays a major and increasingly important role in our society. Video screens are becoming ubiquitous, delivering content ranging from simple wayfinding and advertising to critical emergency alert information.

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Many mount manufacturers in this market focus on “universal” or catalog solutions, treating the structure behind the displays as a commodity.

Draper’s AV mounts and structures initiative takes a different approach. We provide unique mounting solutions to interface with buildings, workspaces, and technology, including custom structures, frames, mounts, kiosks, and trim for any type of digital display.

WHY CHOOSE A CUSTOM SOLUTION?

People associate the words “custom” or “tailored” with high development costs and specialized manufacturing processes.

We are challenging that line of thinking by offering a custom approach without the high cost.

We work hand-in-hand with our manufacturing partners to ensure our custom designs are attuned to the strengths and needs of our partners’ products. Every new design goes through an extensive development and testing process to anticipate and solve potential challenges before they get into customers’ hands. Flat, curved, wall-mounted, ceiling mounted, side of a building—there is no application that can’t be planned for.



Draper L Wall with NEC LED

A tailored mounting solution also provides more value for everyone involved. There are fewer installation challenges, a shorter installation timeline, and no need for field modifications to deal with site conditions. A tailored solution has the potential to save money, keeping installers and customers happy, and coming back for more

ARE TAILORED AND CORE THE ONLY ANSWERS?

Draper doesn't focus on core (catalog) of products for LED, but our experience developing custom solutions is allowing us to develop something that bridges the gap. We are designing an advanced LED mounting solution that's designed for each specific series of LED panel and array size. This new advanced solution will help reduce lead time, improve quality, and lower costs.

WHY CHOOSE DRAPER?

For more than 60 years, we've been known in the AV industry mostly for projection screens. With screens, it is usually just an order for us. We may not know where it is being installed or the circumstances / site conditions. AV mounts and structures are handled differently. It's not a "box sale." We're communicating with our partners, dealers, and customers throughout the project, identifying and overcoming key challenges up front. This ensures the project goes smoothly and that we are providing the best-looking display.

Draper is not new to the custom design and manufacturing process. We have been in this type of service for decades. Every window shade that has left our factory since 1902 has



Hybrid mechanized LED displayed at AIA 2018

been custom made to measure for a specific window. Our gym equipment department turns out hundreds of basketball backstops every year, each one custom built for the specific structure to which it will be mounted and the gym in which it will be installed.

Through our solar control solutions division, we've taken custom to new levels of design and performance. We work with architects, designers, and engineers to create solutions, starting from the very first design idea all the way through to commissioning. Our custom designs can be found in some of the world's most beautiful and innovative buildings, including the Wilshire Grand Center in downtown Los Angeles, the Canadian Parliament in Ottawa, the Shed in New York, and the American Museum of Motion Pictures.

We have brought this partner-centric project management approach to the AV world. We focus on a limited number of manufacturers to develop custom solutions for their products which can be tailored to client application.

Our goal is to make cost-effective and easy-to-install solutions that are robust and will stand the test of time. We design with installation and servicing in mind. We strive to ensure all our solutions are quick and easy to install and provide the precision alignment necessary for a perfect video wall experience.

WHAT IS OUR PROCESS?

Designing and manufacturing custom solutions takes time, and we are dedicated to doing it right. Our engineering,

WHITE PAPER: DRAPER'S AV MOUNTS AND STRUCTURES TAKE A NEW APPROACH



Video wall installation, Humana, Louisville, KY
INSERTS: Set-up and testing at Draper, employees working with installers on-site.

project management, and manufacturing teams—both in Spiceland, Indiana, and at our Swedish subsidiary, Smart Media Solutions—work closely with strategic partners on each project from beginning to end.

Our process includes:

- Initial phase. We gather all the information possible: size, product specifications, location and building structure details, use case, and more.
- Research phase. We explore all aspects of the project to determine the best option for a tailored solution and what we can bring to the project. We determine whether a core, advanced, or tailored response is required.
- Development phase. In concert with our manufacturing partner, our team of engineers comes up with a tailored design for the specific application. We hone the design using 3D CAD, 3D-printed samples when needed, and full-scale mock-ups, ensuring the design perfectly fits the need. The design undergoes testing to ensure it meets safety and performance specifications.

- Production phase. The solution is manufactured and assembled at Draper to confirm fit and function.
- Installation phase. We provide the support necessary for a perfect installation. This may include a simple set of detailed instructions, on-site installation supervision, or full onsite installation services.

Throughout this process, our project management team is in consistent contact with all parties involved, providing comprehensive communications so the project stays on track.

To get in touch with our AV mounts and structures team, click here to go to our contact page. Under departments, select “AV mounts and structures.” draperinc.com/contactus

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