

# ISA SIGN EXPO INNOVATION AWARDS

Cirrus wins it's 2nd ISA Innovation Award in 3 years. This year in the digital display category for its game-changing **BLADEM** module.

<https://www.signexpo.org/innovation-awards>

Learn more about the **BLADEM** module below.



**CIRRUS**  
SYSTEMS, INC.



# BLADEM The Most Advanced Display Panel Ever Made

The BladeM LED display module is manufactured in Portsmouth, NH on arguably the most advanced SMT Line in North America. Using advanced robotics and lean manufacturing practices, the BladeM is **made without a single wire**.... nothing to corrode, detach or degrade over time. See the BladeM video with this link... [https://youtu.be/JVT8c93\\_PUg](https://youtu.be/JVT8c93_PUg)

The module is so durable, you can even **shoot a hockey puck at it**... no camera tricks, this video demonstrates how a puck does not leave a single mark on the display. <https://youtu.be/frVAEw6pKKE>



Each mod has an embedded high-speed microprocessor that has **unparalleled control over every single LED, driver, firmware and other electronics within the module**. Each module can report it's own health from multiple data points which include temperature, electrical, data packet distribution, connectivity, firmware version, response time and outages. It also has artificial intelligence to protect itself and even self-heal... this is an industry first.

Our mods are **solid-state technology** at its best... not a single fan, wire or moving part that can fail. Using premium LEDs that are cool to the touch, industrial-grade heat-sinks and most importantly, advanced electrical engineering and layout... even the backs of the heatsink generate hardly any heat. Premium components and design equal a rock-solid display for any environment.

All of our components are meticulously sourced from US and foreign sources.



Cirrus has several patents on the BladeM modules, including its self-locating sensors which are placed on every edge. Simply press the silver button on the controller for five seconds, and the sensors activate which allows the modules to talk to each other. The modules can then what we call **automap**, orientating to produce the proper image. A shop does not have to call Cirrus for installation, or even to replace a module during a service call.

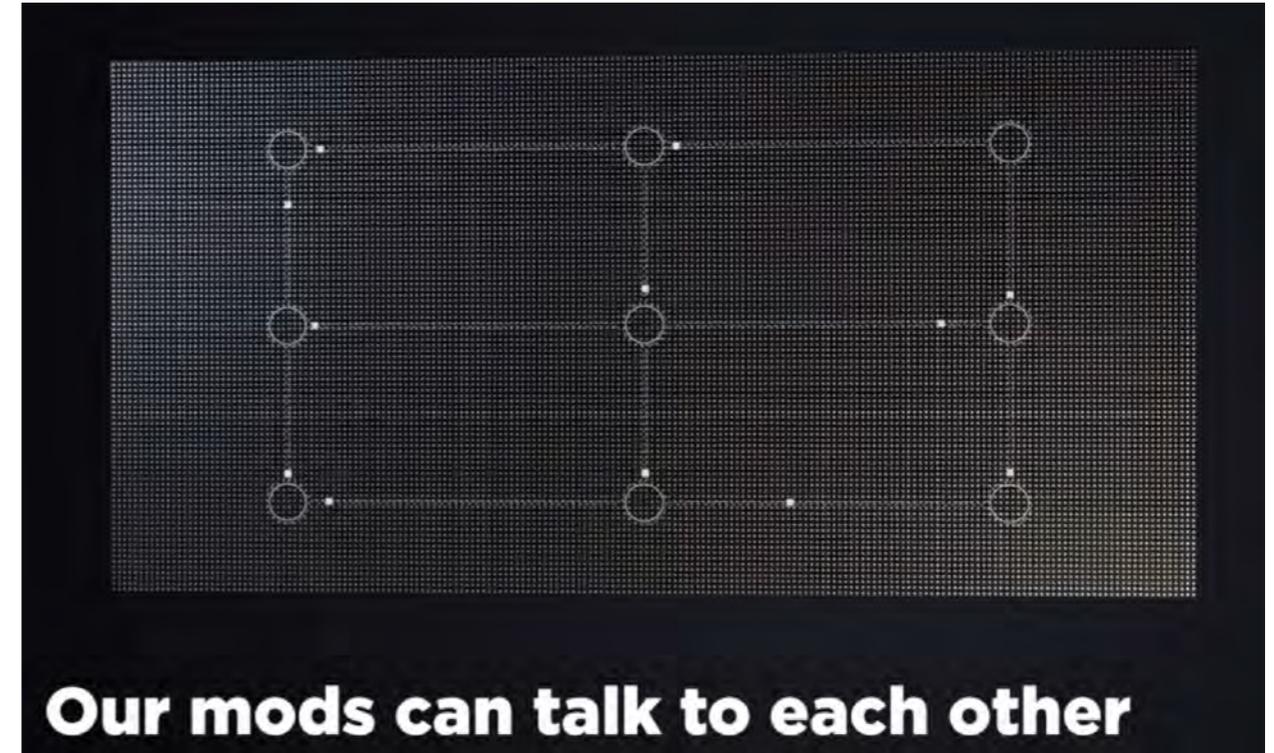
For example, during a service call, simply pop out a module, replace it with a new one, press the automap button on the controller and done. **A service call can be completed in 1 minute...** no other LED display on the planet can do that.

Our module/frame-based LED displays are also **future proof**. Meaning, if you want to make your display larger down the road, simply add on a few modules, press the automap button and done. Or, if you want to upgrade in resolution, you don't have to take down the sign, add new modules into the frames and you have a brand new display. Truly, disruptive LED technology.

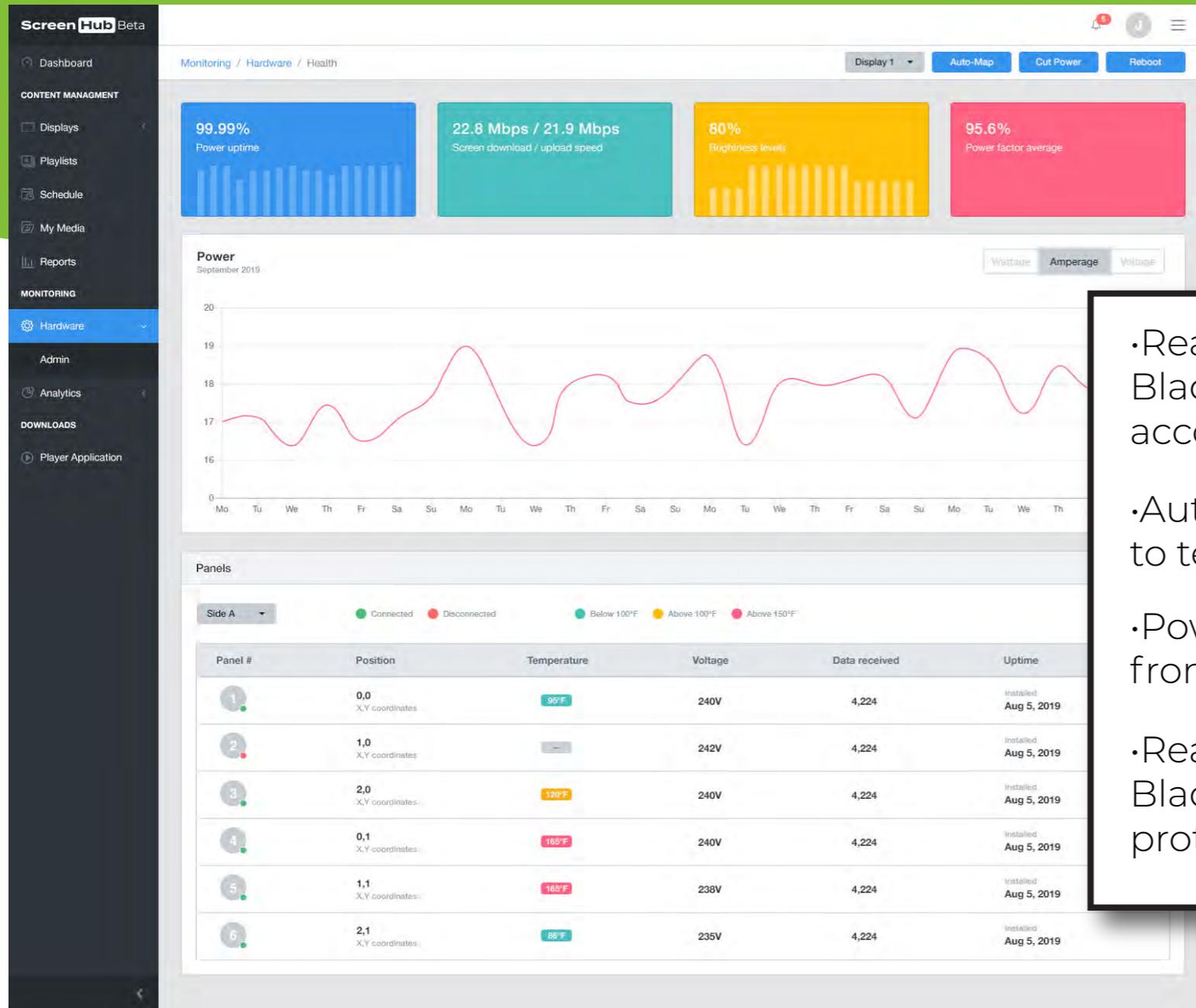
Wait there's more... with this modular-based design, **we can ship any display size in 24 hours**, a 4x8 or 14x40. We ship many displays the same day. If you're a shop, you'll love the weight savings... a traditional 4x8 double-sided display is 815 pounds, **a Cirrus BladeM 4x8 double-sided display is only 246.**

All this technology is wrapped up into customer and tech support portals to visualize the health of every single module, across 1000's of screens in real-time. This is an industry first, you can see the dashboards on the following pages.

There is simply no other LED display technology in this market as robust as the BladeM.



# ScreenHub Hardware Monitoring Portal with BLADEM



- Real-time health visualization of every single BladeM module in an end-user's ScreenHub account.
- Automated error reporting via email or text to tech support and account owner.
- Power cycle the display and controller right from your ScreenHub web app... an industry first.
- Real-time power quality analysis on every BladeM module with artificial intelligence... protects the display.

# BLADEM Tech Support Diagnostic Portal

Monitoring / Hardware / Admin Dashboard

18 Electrical Issues | 5 Panel Outages | 12 Temperature Issues | 7 Connection Issues

Displays

Name	Email	Display ID	Location
Abraham	Nunc@Vivamus.com	dd137c11-45b0-4acf-86ee-8749528bb00c	Austin, TX
Acton	consequat.auctor@Quisque.org	dd137c11-45b0-4acf-86ee-8749528bb00c	Emeryville, CA
Ainsley	morbi.tristique.senectus@enim.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Seattle, WA
Alea	vulputate@orciUt.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Denver, CO
Alec	in@aliquameu.org	dd137c11-45b0-4acf-86ee-8749528bb00c	San Francisco, CA
Alexis	iacinia.orci.consectetur@dolorFuscefeugiat.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Portlane, MN
Amos	Phasellus.fermentum@montesnascetur.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Chicago, IL
Acton	consequat.auctor@Quisque.org	dd137c11-45b0-4acf-86ee-8749528bb00c	Emeryville, CA
Ainsley	morbi.tristique.senectus@enim.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Seattle, WA
Alea	vulputate@orciUt.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Denver, CO
Alec	in@aliquameu.org	dd137c11-45b0-4acf-86ee-8749528bb00c	San Francisco, CA
Alexis	iacinia.orci.consectetur@dolorFuscefeugiat.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Portlane, MN
Amos	Phasellus.fermentum@montesnascetur.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Chicago, IL
Arden	tincidunt.nunc.ac@nibhenim.ca	dd137c11-45b0-4acf-86ee-8749528bb00c	Emeryville, CA
Armando	Allquam@orciin.net	dd137c11-45b0-4acf-86ee-8749528bb00c	Seattle, WA
Audrey	Donec@Aliquamadipiscinglobortis.org	dd137c11-45b0-4acf-86ee-8749528bb00c	Denver, CO

•Tech support receives data on the health of every single module in the BladeM network of displays.

•Built-in artificial intelligence on every single module to protect itself as well as self-heal. Automated and remote firmware updates to the modules.

•BladeM modules self-report on temperature, electrical / power quality, data packet distribution, connectivity, firmware version, response time and outages.

•The markets very first proactive servicing model.



**CIRRUS**  
SYSTEMS, INC.

CIRRUS SYSTEMS, INC.  
200 West Rd.  
Portsmouth, NH 03801

877 636 2331 / P  
sales@cirrusled.com / E  
cirrusled.com / W