rBoard
- CERTIFICATION -

Because Hardware Matters

Hardware certification process to guarantee third party
hardware compatibility and performance

powered by

Reactiv SUITE

Hardware Matters

The modern conference space is filled with a dizzying array of technologies - everything from flat panel displays, projectors and interactive whiteboards to wireless dongles, HDMI capture cards, microphones, speakers and webcams - but these items don't necessarily work together cohesively or easily.

Wireless connectivity standards such as Airplay, Chromecast, and Miracast must be combined with HDMI input cables and control systems in an attempt to tie these disparate technologies together and provide a consistent and simple user experience.

The few complete solutions that exist force your organization to live within their silo.

rBoard represents a new option that offers more flexibility for the customer and a greater opportunity for channel partners to compete.

In addition, the rBoard minimizes support and increases reliability. Standardized and approved hardware will reduce the number of configurations and allow for seamless global deployment.

What is a rBoard?

- Supercharged Interactive Whiteboard fully tested and optimized for Reactiv SUITE to guarantee the best possible performance.

- A product that puts the user experience above everything else and delivers the closest to natural writing experience, mimicking the feel and fluidity of pen on paper.

- Plug and play device that seamlessly integrates all the peripherals in your conference room required for a holistic experience.

- A select group of hardware partners that are working together to bring this vision to life.

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Benefits of rBoard Certification

TECHNOLOGY PROVIDERS

▶ The certification guarantees the support of your technology or peripheral device in the Reactiv eco-system

▶ Custom integration of your API/SDK stack to create uniques features and interfaces

▶ Leverage your technology to provide additional features and provide continuous testing against all future builds

SOLUTION PROVIDERS

▶ Create the ultimate solution that can compete against the best of the market

▶ Guarantee that all components of the hardware solution are supported, tested and work together

▶ Develop custom features that will differentiate your products in the market

END CUSTOMERS

▶ Remove the complexity from the buying process

▶ Plug and play device that will maximize your experience

▶ Simplify deployment, maintenance, maximize uptime and ultimately deliver you the highest ROI

Enhanced Touch
Pen-on-paper writing experience, passive shape recognition, multi-stylus, low latency and much more!

Enhanced Compute
Interact with any number of documents, 4K videos, and high-res images without struggling.

Multiple Displays
Up to three secondary displays to mirror different files or your entire workspace, live!
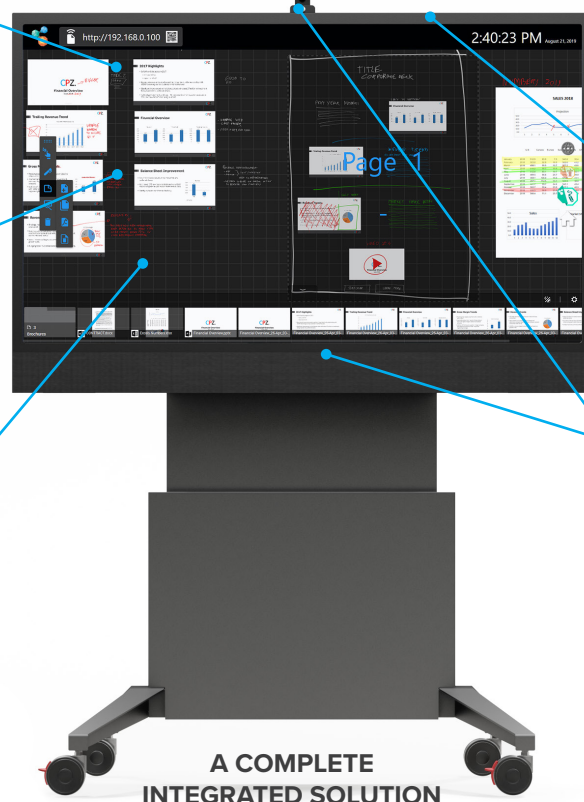
Motion Sensor
Enable and disable Motion Sensors to track activity in the boardroom.

Remote Keyboard
Hardware interface that allows any in-room laptop / mobile devices to be used as a wireless keyboard!

Integrated A/V Peripherals
Webcam, speakers, power supplies, fully integrated, no visible cables!

A COMPLETE INTEGRATED SOLUTION

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Base Configuration

LCD

- 4K Resolution @ 60 fps native
- AG/AR coated glass
- Conducive to touch – smooth, doesn't leave fingerprints
- < 70 ms display latency
- Thin glass with low parallax for user experience

TOUCH SCREEN

- < 10ms latency
- Passive touch\stylus\eraser detection
- Excellent writing and stylus performance with natural response
- Multi stylus support through standard Windows API

MECHANICAL

- Simple out-of-the-box setup, deployment
- Consistent hardware and PC image
- Cable management for computer and associated hardware
- Single power cord with no additional hookups necessary

COMPUTER

- Discrete GPU
- WiDi capable NIC for Miracast support
- i7 CPU
- Solid-state Drive
- 16GB RAM or more
- VPRO support
- Dual-band wifi NIC
- Mobile hot spot support

WEBCAM

- HD 1080P
- 25+ fps
- Wide angle image capture

AUDIO

- Integrated active speakers
- Integrated microphone for conferencing

Best Configuration

In addition to the base Configuration

LCD

- Software control for OSD menu
- Optically bonded

TOUCH SCREEN

- Superior writing & lower latency
- Remote keyboard for IWB control
- Integrated GPIO for sensor integration
- Integrated RS232 for third party hardware control
- Touch based display OSD control

WEBCAM

- Face detection API
- API for image control and device control
- PTZ control via API
- Background blur capability
- DSP for image processing

MECHANICAL

- Computer, A\V all integrated into one system

COMPUTER

- NVMe Solid-state Drive
- Wifi 6 (802. 11 AX)
- Multiple Discrete GPU accelerated 4k outputs

AUDIO

- Active noise cancellation

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