

Creating transformation classrooms

A new guide for a new education landscape





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The unique, lifechanging connection between teacher and student.

At Promethean, everything we do serves to strengthen this relationship.

We'll never stop finding new ways to help teachers spark insights and ignite brilliance. We'll always strive to keep schools agile when the only constant out there is change.

To make education technology more powerful—more useful every day—we focus on the bond that makes learning possible.

Welcome to the transformation classroom.



We've identified three key edtech capabilities shared by transformation classrooms.

Each of them contributes to the teacher-student bond.

Active engagement

Teachers can easily create lively, eye-opening lessons to actively engage students with subject matter, problem solving, and each other.

Immediate assessment

Teachers are empowered to confidently assess their students' comprehension in real time, seizing a-ha moments as they happen and nipping needless struggles in the bud.

Inherent flexibility

Teachers work free of digital, spatial, and social-emotional barriers to education. The classroom's adaptability helps every student get their chance to shine.



Interactive flat panel displays—when designed for teaching from the ground up—can turn everyday classrooms into transformational environments.



Inspiring active engagement

Interactive displays have been demonstrated to improve student attention, and to increase collaboration among students and teachers.

How?

- By making subject matter interactive and rich in multimedia
- By enabling real-time information sharing from student devices
- By creating efficiencies that protect teachers' time for lesson planning and delivery
- By providing access to popular teaching apps from the Google ecosystem and beyond

FROM THE CLASSROOM

83%

of educators agree that edtech makes engaging students easier and improves their confidence to perform. Further, embracing technology in the classroom has created a surge in confidence amongst 91% of school staff."

SOURCE: Promethean 2021/2022 State of Technology in Education report



Enabling immediate assessment

Supporting richer, real-time formative assessment is something every edtech ecosystem should prioritize. When powered by teacher-designed software, an interactive panel can:

- Increase flexibility in how assessments are completed
- Enhance inclusiveness for mixed-ability classes
- Consolidate a student's work in one location
- Allow students to communicate emotions more privately

EDUCATOR VOICES

"Real-time multiple-choice polling on the display helps track students' comprehension of the concept I'm teaching. It also helps me identify which students are struggling to grasp a concept, so I can give them the attention they need."

Shannon Wynne

4th grade teacher Sarasota County Schools



Delivering inherent flexibility

An interactive display such as Promethean's ActivPanel 9 can help teachers optimize lessons for different learning environments, configure classrooms as desired, and embrace different learning styles all at once because it:

- Increase flexibility in how assessments are completed
- Enhance inclusiveness for mixed-ability classes
- Consolidate a student's work in one location
- Allow students to communicate emotions more privately

REAL-WORLD IMPACT

Classroom design can directly affect a student's academic progress by up to 16%.

SOURCE: The impact of classroom design on pupils' learning





"The future we're creating is one where education technology can be totally dynamic, fully interoperable, and ultimately invisible."

Joe Talaiver

Senior Product Manager, ActivPanel 9

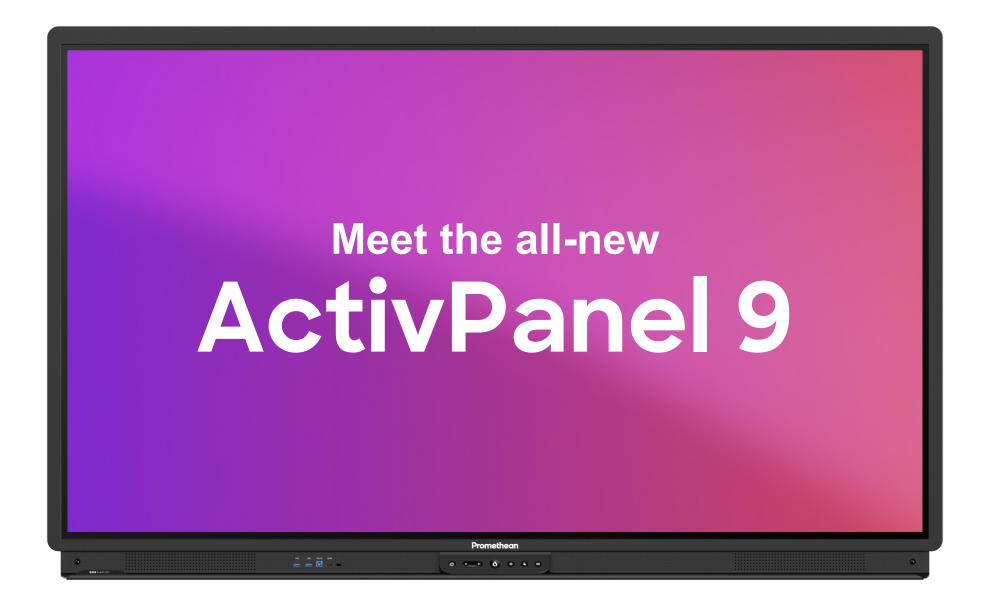


We've explored why interactivity in the classroom is so important.

Now let's take a closer look at what exactly it can do.

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Meaningful technology solves for the real problems educators tackle every day.

We interviewed 1,300 teachers to understand which aspects of their jobs are the hardest, which are the most rewarding, and how we could bring the most value to their workday.

Our five design priorities for ActivPanel 9—simplicity, connectivity, security, adaptability, and longevity—are the direct result of what we heard from you.

Thank you for helping us deliver Promethean's most robust, seamless, and secure experience yet.



SIMPLICITY

Intuitive interface happy place

With the all-new ActivPanel 9, we set out to make life easier for everyone involved in learning—teachers, students, IT pros, and administrators alike. That meant engineering a panel so intuitive, the technology that fuels it can simply disappear.





SIMPLICITY

Use your panel to the fullest from day one.

- Sign in fast, and get started the moment you switch your panel on.
- Personalize your user profile and access it from anywhere with a Promethean account. Customize your settings and menu with your favorite apps and tools.
- Capture your screen and quickly save it to the panel, the cloud, or your device.
- Open two webpages simultaneously using split-screen browsing.
- Collaborate and communicate in the classroom with Screen Share.

HIDDEN GEMS

"We've empowered teachers to make ActivPanel 9 a resource you can personalize like never before.

Pin favorite tools to your custom menu and carry those preferences from classroom to classroom, panel to panel, just by signing in. You can even choose where on the panel you want your menu to appear."

Stephanie Allen

VP Product Management and Design





CONNECTIVITY

Beyond playing well with others

Flawless connectivity across devices, in and out of the classroom? Done.

Thanks to our patented innovation known as ActivSync, ActivPanel 9 doesn't just play well with others—it creates a cohesive digital ecosystem in the classroom. We've dissolved digital barriers to maximize engagement. You'll never settle for less than seamless now.





CONNECTIVITY

Experience the only interactive panel powered by ActivSync technology.

- Connect your device directly to the panel without the need for Wi-Fi.
- Save and open files quickly and easily between your panel and your device. Access your content and customizations from any ActivPanel 9 with your roaming profile.
- Navigate your panel with an intuitive remote so you can move around the classroom freely.
- Work seamlessly with educational platforms like Google Classroom[™] and Microsoft Teams[™].

HIDDEN GEMS

"Our completely redesigned remote means freedom to move around more naturally. Familiar icons from the panel's console make it easy to navigate and control ActivPanel 9 from anywhere in the classroom."

Anna Hughes

Director, UX Product Design Research



CONNECTIVITY

No WiFi? No problem.

A closer look at ActivSync

ActivSync is Promethean's patented hardware connectivity technology. It creates deeper connections between ActivPanel 9 and your computing device of choice, no Wi-Fi required.

ActivSync relies solely on a direct-wired USB connection to link devices and the panel, eliminating the interruptions that come with spotty internet access.

With ActivSync, you can easily access all your files directly on ActivPanel 9. Now, the interactive power of the panel and your own device are together, at your fingertips, like never before.

ActivSync also enables fast, intuitive access to network drives, shared folders, and cloud storage. Save content created on the panel—and lessons recorded on the panel—directly to your preferred location.



SECURITY

Peace of mind in a changing landscape

In an always-changing, increasingly complex edtech landscape, schools need security that meets them where they are today and anticipates where they'll be tomorrow.

From new multiple sign-in options to improved panel management, enhanced security is a key design priority for ActivPanel 9.





SECURITY

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Your user profile keeps your data private, protected, and off the panel.

- Authenticate with multiple sign-in options, including a password, QR code, Promethean desktop app, and NFC card.
- Create a Promethean account that can be managed and monitored from anywhere. Keep your personal data private within your Promethean account, not on the panel.
- Install security updates through remote panel management.
- Quickly and easily lock your panel as needed. Sign out of your panel from anywhere, ensuring your data is kept safe.

HIDDEN GEMS

"When it comes to security, every detail makes a difference. Enabling users to quickly lock a panel—just just like that, even for a moment—is a teacher request we were excited to implement with ActivPanel 9."

Apoorva Lonkar

Product Manager



ADAPTABILITY

Ready for any teaching scenario

Adaptability defines the modern classroom. Whether you're teaching in person, remotely, or in a hybrid scenario, you need technology that's ready for anything. We've designed ActivPanel 9 to empower teachers and students to experience lessons anywhere, anytime, so a-ha moments are never lost to circumstance.





ADAPTABILITY

Optimal educational experiences in all learning environments.

- Easily record lessons, including classroom voices and panel content.
- Share recorded lessons with remote and absent students through any platform.
- Screen share in real time for hybrid and blended learning situations.
- Work seamlessly with educational platforms like Google Classroom and Microsoft Teams.

HIDDEN GEMS

"We want every student to have an immersive, inspiring learning experience. The integrated microphone array of ActivPanel 9 vividly captures classroom voices, making it possible to include remote students in the conversation with a new immediacy."

Vin Riera
Promethean CEO



LONGEVITY

Bring on the fingerprints

ActivPanel 9 takes longevity to the next level, with durable hardware, faster processing speed, increased memory and storage, and updated networking software. Count on it for long-term physical reliability and future-proofed functionality—all in one solution.





LONGEVITY

An investment that yields rewards for years to come.

- Power up with 100 watts delivered via USB-C.
- Interact using patented Vellum touch technology with pen and finger differentiation, palm erase, advanced palm rejection, and 20-point touch.
- Make a visual impact from anywhere in the room thanks to optically bonded LCD.
- Capture classroom voices with an integrated omnidirectional mic.
- Deliver any multimedia with seven forms of video inputs and outputs.

HIDDEN GEMS

"The touchscreen surface of the ActivPanel 9 is now fully optically bonded to its LCD panel, meaning there is zero air between them. That makes visuals even more impactful—from anywhere in the room—and provides a writing experience that's pen-on-paper smooth."

Apoorva Lonkar

Product Manager

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MERLYN MIND

The digital assistant designed for teachers

With so many tasks to juggle and so much technology in their classrooms, teachers need help to manage it all.

That's where Merlyn comes in.





MERLYN MIND

Give teachers the freedom to teach.

Merlyn is a digital assistant created with advanced AI technology that helps teachers perform routine actions and control their devices so they can focus on what matters most—their students.

Untether

Teachers are now clear to move about the classroom. Far field microphones and an intelligent remote control free the teacher from the front of the room.

Save time

Teachers save time through rigorously researched microautomations and shortcuts in common instructional workflows.

Teach with ease

Instead of creating another edtech app, our scientists created a platform that makes existing tech and apps teachers already use more useful and easy.



Five design priorities, one goal:

Focusing your time and energy where they matter most.





Sharing the transformation journey

Professional Development | Service and Support | Our Company



No one goes further than Promethean to help you maximize your technology investment.

Whatever your starting point, Promethean is here to support you on the transformation journey.

We bring 25+ years of hands-on experience to helping schools and districts of every size take learning and collaboration to new heights.

From a Professional Development program unparalleled in edtech to support that always has your back, explore the resources, community, and partnership our customers know and love.



Training tailored to your needs

You come first. Technology follows.

That's professional development at Promethean: a program created and delivered by seasoned former teachers, packed with tools and training, empowering you to leverage edtech to the fullest.

The industry's most advanced professional development

- Education Consultant training onsite and online
- Free self-guided training resources on Learn Promethean
- Virtual events for teachers, admins and IT pros
- Badging program
- Timely topics explored on the Promethean blog

Program availability may vary by region



Expert-led training onsite and online

Promethean Education Consultants

Promethean Education Consultants are Google[™] Certified Level 2 Educators with a passion for connecting curriculum and technology to help bring out the brilliance in every student.

Our District Education Consultants—currently deployed in more than 35 U.S. cities nationwide—are dedicated to their district full time, working closely with administration and staff to ensure schools get the most from their Promethean solution.

Self-guided training: LearnPromethean.com

The Learn Promethean platform is a comprehensive, free, and easy-to-use portal for thorough self-guided training in Promethean panels and software.

These articles, courses, and video tutorials empower teachers in all learning environments to deliver digitally transformed classroom experiences that are media-rich and geared toward deepening engagement.



All aboard for Camp Promethean!

Our signature online event is a buzzing international summit where teachers, IT pros and school leaders dive deep into edtech's most exciting trends and tools—and inspire each other for the year ahead.

Every hour at Camp Promethean brings live, scheduled sessions delivered by our Education Consultants in tracks such as Classroom Essential Apps, Best Practices, and Innovation Techniques. Training meets community meets motivation and sheer fun. We can't wait to see you there!



Recent Camp highlights include live social media challenges, a virtual escape room, and an unforgettable keynote from New York Times bestselling author and "America's Teacher" Ron Clark on creativity, passion, and resilience.



A thriving community

Promethean events foster training and connection all year long.

STEAM Forward

This innovation-driven online conference offers energizing sessions on hybrid/remote teaching, technology integration, STEAM best practices, hands-on STEAM applications, and more.

Teacher Tailgate

Touchdown! You just scored a back-to-school playbook bursting with activities and resources for the year ahead. Our Teacher Tailgate event is tactical, actionable, and always a good time.

Teacher Appreciation

Join educators from across the U.S. as they share timely strategies and tips for integrating Promethean solutions into daily teaching practice. Did we mention fun-filled games and prizes? Teachers, we celebrate you.

Tech and Admin Summit

Tailored to administrators and IT pros, this strategic summit focuses on helping schools optimize Promethean technology for any edtech ecosystem.



SERVICE AND SUPPORT

Support whenever you need it

Promethean Support takes many forms, but its focus never changes. We'll always be here for your peace of mind.

From free, 24/7 online support and robust community resources to onsite technicians at your side within three business days—as our customer, you'll choose the mix of services that's best for your edtech investment.

Our warranty: customized and comprehensive

ActivCare Standard

Automatically included with every Promethean solution, our standard warranty gives you access to free, 24/7 online support, as well as telephone support, for all registered products from the date of installation.

ActivCare Plus

Choose from purchasable, premium extensions and enhancements to our standard warranty, including Advanced Replacement and Onsite Support (subject to courier capability and geographical location).



Learning and collaboration are essential to progress in any field.

Our mission is to transform them for the better.





OUR COMPANY

Living our heritage

Since our beginnings in Blackburn, England a quarter century ago, and throughout these many years of breathtaking change for and technology, our motivation has remained the same: to positively impact schools and students in everything we do.

As a company started by teachers, we're living our heritage with every panel, app, and solution we deliver. Our dedicated, passionate team wouldn't have it any other way.

global brand for interactive panels 25

years of experience in education technology

classrooms use our displays worldwide

award nominations and wins in the last 5 years

countries where Promethean solutions are deployed



OUR COMPANY

Because everyone is capable of brilliance

We're working towards a world where everybody gets their chance to shine.

Environmental responsibility

We continuously strive to reduce our carbon footprint, achieving carbon neutrality in 2019 and 2020

Diversity, equity, and inclusion

We promote a workplace where everyone is welcomed and valued for their perspective.

Quality education for all

We contribute grants of panels, software, accessories, and training to schools in need.



Purchasing checklist

Review our checklist for a recap of factors to consider when evaluating interactive panels



Fit for purpose

☐ The interactive panel is specifically designed for classroom use.

Writing and touch experience

- ☐ The writing experience feels natural, with no evidence of lag between the moment of touch and the appearance of text onscreen.
- □ The panel surface recognizes the location of touch precisely, as a smartphone or tablet would.
- ☐ The panel surface can distinguish between finger, pen, stylus, and palm erase without requiring users to select stroke weights or choose to erase using a menu.
- ☐ The panel surface allows multiple users to write or draw at the same time using finger, pen, stylus, and palm erase, supporting 20 points of touch.



Audiovisual quality

The panel features ultra-high definition (4K) display quality.
The panel's touchscreen surface is optically bonded to its LED display, to support an optimal viewing experience from all angles.
The panel is designed to minimize glare.
The panel's speakers are configured to face the classroom, as opposed to facing downward or being located behind its display.
The panel is capable of capturing voices in its classroom environment with an omnidirectional mic.
The panel supports multiple video input and output formats.



Personalization and security

☐ Users can create a secure sign-in profile that follows them from panel to panel.
☐ The user's preferences are instantly configured on the panel when the user signs in.
☐ Personal data is stored in the user's account, not on the panel.
☐ The panel offers multiple sign-in options, including password, QR code, and NFC card.
☐ Users can sign out of a panel from anywhere.
☐ The panel can be locked and unlocked instantly.
☐ Security updates can be installed via remote panel management.



Computing and connectivity

□ The panel is ready for use immediately once turned on.
□ The panel is WiFi enabled.
□ The panel can sync to other devices without relying on WiFi.
□ Users can capture the panel's screen and save it to the panel, the cloud, or a device.
□ Lessons can easily be recorded, including onscreen content and classroom sound.
□ The panel works seamlessly with educational platforms such as Google Classroom and Microsoft Teams.
□ The panel supports real-time screen sharing.
□ The panel supports split-screen web browsing.
\square The panel has a remote control that makes it easy to navigate from anywhere in the classroom.
☐ The panel comes with built-in apps specifically designed for teaching.



Warranty, support, and training

The solution provider offers warranty coverage including options for extended coverage.
Email and phone support are available on a 24/7 basis.
Expedited hardware repair and replacement are available.
Comprehensive self-guided training resources are available at no extra cost.
Expert-led training is available online and onsite.
The solution provider shows a demonstrated commitment to educators' professional development and updates training resources on a consistent basis.



Maintenance and efficiency

The	panel	is	bulb-	free	with	no	proi	ector	mair	nten	ance	requi	ired
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- ☐ The panel is Energy Star certified.
- ☐ The panel has a lifespan of at least 50,000 hours.

Accessories

- ☐ Stands and mounts custom-designed for the panel are available in fixed-height and adjustable options.
- ☐ Custom accessories, such as add-ons for enhancing distance learning, are available.



Learning, transformed

Click here to experience the all-new ActivPanel 9