BEST PRACTICES FOR USING NEW-GENERATION INTERACTIVE DIGITAL DISPLAYS

For classroom education, corporate project collaboration, training and remote collaboration, new-generation interactive displays let students, staff, or employees share data and graphics in real time. Here’s how to successfully deploy them in your school, organization, or enterprise.
ONCE THE DECISION HAS BEEN MADE to move to interactive digital displays, the next step is to plan how to properly implement this new technology to improve classroom and enterprise collaboration and communication.

Here are some best practices to help you use a state-of-the-art display and collaboration system, such as the Sharp AQUOS BOARD™ interactive display system, in combination with users’ devices, to maximize the product’s and your team’s potential.
THE FIRST STEP: DESIGNATE A CHAMPION

Both education applications and enterprises strongly suggest that your organization designate a "Collaboration Champion" to maximize your investment. With new technology like the new interactive digital displays, new users can feel intimidated and may not use all the advantages of the technology quickly enough. Even though the product may be easy to use, the challenges may be psychological rather than having anything to do with the actual product features.

Some users just need someone to show by example how easy it really is to use the features. That’s why it’s a good idea to appoint a champion within your organization who makes it their goal to show how easy and beneficial it is to integrate the new technology into a teaching plan in a classroom, for example, or into business meetings. Often this champion steps forward naturally in the course of the rollout, or sometimes an administrator or manager will appoint one. Either way, it’s a great way to make sure the new technology is integrated quickly, in a manner that’s fun, quick and efficient.
ENNHEACE YOUR THIRD-PARTY COLLABORATION APPLICATIONS

ONE KEY ADVANTAGE OF USING an interactive digital display that is based on an “open architecture” platform is that the solution will integrate smoothly with your existing video-conferencing equipment, cameras, printers, or any hardware or software that you want to use. And remember, this advantage is not just that your new interactive digital display will “play friendly” with applications you’ve used in the past. It is also about using all the tools available to make your collaborative environment come alive.

In a classroom setting, an open architecture platform means that you can take advantage of a wide variety of third-party apps such as Google® Classroom, Splashtop® Classroom, Promethean® ClassFlow™, and more. Using an open architecture platform also allows you the best use of third-party document cameras, voting systems and other innovative new teaching and collaboration tools. And, don’t forget that the open platform is the best way to leverage all of the standard applications like Microsoft® PowerPoint®, Word, One Note®, Google Earth™, Web pages, video files, etc. Open platform means the world is open to your staff. Take advantage of what it provides and facilitates.

And these features and possibilities are not just for the classroom. In addition to the apps listed above, corporate users collaborate with even more third-party applications, such as GoToMeeting™, Skype for Business™ and Cisco WebEx®. Best practices include teaching, collaborating and communicating seamlessly, not just with the apps you have, but by going out and investigating the many third-party apps that the best businesses and best schools are using to boost their productivity. It’s all possible when you use an open-platform interactive digital display.

BEST PRACTICES TIP

When you invite people to collaborate, with your Sharp AQUOS BOARD interactive display system as the anchor, tell them to install the latest Touch Display Link software on whatever device they want to use (computer, laptop, tablet, or smartphone). They can easily download from the place where they normally get software updates – respective stores for Windows® and Mac® operating systems or Android™ platform – or they can get the software from the Sharp website. And remember, there are no fees for this software. It is free for all users.
BEST PRACTICE: SETTING UP THE NETWORK

THE KEY TO EASY, PRODUCTIVE COLLABORATION

that will facilitate interactive presentations, lively discussions and paperless meetings, in both business and educational settings, is proper setup of your network.

First and foremost, you need to connect a dedicated network for collaboration in your environment (for internal and external users) in order to take full advantage of the system and make it all work smoothly.

When you use an advanced collaboration system (such as Touch Display Link from Sharp), you are essentially setting up a sub-network. Whether in a classroom setting, or a corporate setting, you need to make sure of the following:

• Your collaboration network is secure, so invited users presenters (or, in the classroom, students) cannot get access to your larger network. Collaboration is done on a sub-network that remains secure while facilitating teamwork.

• Your network is easy to access by all users.

Onscreen content—including handwritten notes and drawings made in real time—can be viewed simultaneously on the AQUOS BOARD display and on mobile devices, such as PCs, tablets, and smartphones. Setting up your network is the key to smooth operation.

How do you accomplish both security and ease of access?

After all of your users, guests, or students are ready to access your collaboration network, you are ready to create a network, or “hot spot.”

When you expect to have a lot of people on your network, you can use a third-party device to create a sub-network, or VLAN. Your IT administrator can easily accomplish the setup of this network. This setup is fast, easy and will allow many users with a variety of devices to collaborate seamlessly, regardless of whether those devices are laptops, tablets, or smartphones, or whether they are using Windows, Mac, or Android platforms.

Now you have a secure network for collaboration.
FOR TIPS ON PRODUCTIVE COLLABORATION, WATCH THE VIDEO
BEST PRACTICES FOR THE CLASSROOM: COLLABORATION FOR LEARNING

THE GOAL: With a high-tech interactive display, such as the AQUOS BOARD display, you can instantly turn the classroom into a dynamic learning environment.

Tap and change documents instantly, swipe to share lessons from around the world, or put websites and videos at your fingertips with a single touch.

As a teacher, you can put any homework assignment, term paper, test, video clip, Web page, photograph, etc., onto the big screen and then share and work with it with the entire class (or with students in remote locations), as follows:

- Start with a scanned document, PDF document, photograph, video clip, or website, and send it to the Sharp Pen Software™.
- Resize the document or image, if needed.
- Zoom in or out, to more easily read and share certain parts of the document.
- Easily move the image on the screen up or down, or left or right, with the swipe of your finger.
- Choose from different writing implements to use on the screen, such as a pen, brush, or marker.
- Write on the lesson (e.g. a PDF of a Spanish lesson, a photo, even a Web page capture) to start the sharing process.

Note: When you are connected with Sharp Touch Display Link, the document is mirrored on students’ devices. But as the teacher/presenter, you have the ability to make notes to yourself without those notes being seen by students or attendees.

- Highlight text in lesson with any color desired.
- Have students write on the screen, if desired, with a different color for each student.
- Once you have annotated the document or image, save as a PDF or as an image.
- Send your annotated work to anyone by Touch Display Link or by email.

Sharp Pen Software™ makes annotating and sharing on the AQUOS BOARD display easy and effective.
BEST PRACTICES FOR USING NEW-GENERATION INTERACTIVE DIGITAL DISPLAYS

Using different writing implements on the screen, such as a different color pen, brush or marker, is easy and intuitive.

BEST PRACTICES TIP

• When you are connected with the Sharp Touch Display Link software, the document is mirrored on the students’ devices; however, you still have the ability to make notes to yourself without those notes being public.

• Always save the changes that you made to the document. Then print, and send to archive.

SETTING UP THE NETWORK WITH TOUCH DISPLAY LINK

The key to easy, productive collaboration with your Sharp AQUOS BOARD display is proper set up of your network, using Sharp Touch Display Link software. This software facilitates interactive presentations, lively discussions, and paperless meetings in both business and educational settings.

The Goal: using Touch Display Link software to support effective and multifaceted communication.

Onscreen content, any document or image with your handwritten notes and annotations made in real time, can be viewed simultaneously on the AQUOS BOARD display and on mobile devices, such as PCs, tablets, and smartphones.

Touch Display Link enables the following interactive functions on AQUOS BOARD displays and mobile devices connected via wireless LAN:

• Sharing of onscreen content
• Transfer of files
• Interactive onscreen writing and drawing
• Remote control of the AQUOS BOARD display from mobile devices.
BEST PRACTICES: MFP CONNECTIVITY

DOCUMENTS AND IMAGES SCANNED From a color scan-capable Sharp multifunctional printer, or MFP, can be imported directly to the Sharp Pen Software™ for display on the AQUOS BOARD display. For added convenience, image data shown onscreen, including notations, can be saved to a PC or sent directly to an MFP for printout.

Users can make meetings more interactive by drawing and taking notes directly onscreen and saving new versions to their PCs or printing them to a connected Sharp MFP. The intuitive software also lets users select pen colors and eraser functions easily, with a click of the touch pen button. Existing images can easily be scanned and displayed by connecting to a networked Sharp MFP via the Sharp Pen Software.

With the intuitive Sharp Pen Software application, using the tip of a finger or the touch pen, users can open and close documents, enlarge or shrink images and even create hard-copy printouts of the final annotated images with a compatible printer. Because the Sharp Pen Software is compatible with Windows 7, it can easily import Microsoft® Office™ documents, including PowerPoint presentations.
FOR TIPS ON PRODUCTIVE COLLABORATION IN THE CLASSROOM, WATCH THE VIDEO
CONCLUSION

FOR CLASSROOM EDUCATION, corporate project collaboration, training and remote collaboration, interactive digital displays allow students, staff, or employees to share data and graphics in real time.

Your new-generation interactive displays, based on an open architecture model, should integrate seamlessly into the classroom or meeting room. To maximize your investment, it is recommended that you designate a “Collaboration Champion” to help your team embrace the system, take time to properly set up the network and use the platform’s classroom-proven and enterprise-proven Touch Display Link software and other features. This method will help you get the most out of this exciting and productivity-enhancing new technology.