ViewSonic®
SOLUTION BRIEF

INDUSTRY

- Education

CHALLENGE

- Integrate an efficient, cost-effective way to add instructional flexibility to 13,000 classrooms
- Pairing of 24-inch monitors with separate docking stations was too costly

School District Supports Small Group and Hybrid Learning with ViewSonic 24-inch VG2456 Docking Monitor

Serving one of the largest student populations in the US, this school district was looking for an efficient, cost-effective way to add instructional flexibility to its 13,000 classrooms. The endeavor began on the heels of the Covid pandemic, with the goal of providing an easier way to manage hybrid teaching.

The district provided teachers with new convertible laptops on which to run the learning management system (LMS) and other instructional content. The original plan called for adding a separate 24-inch monitor that would allow teachers to easily view and interact with remote students. To streamline the process, the IT team intended to pair docking stations with the new monitors. Unfortunately, the combination of these two products exceeded the district's cost parameters.

"They ended up not having the budget to accomplish their goal as originally conceived," said Ben Pearson, ViewSonic Southeast RBM for Education. "I suggested that they look at the ViewSonic 24-inch VG2456 docking monitor, which features built-in connectivity. It had a higher price tag than the other monitor I quoted them, but it was less costly than the monitor-plus-dock combination."

The streamlined VG2456 docking monitor had all the key features the IT team was seeking, including USB-C with power delivery for the laptops, RJ45 Ethernet, and two USB downstream ports for accessories like web cams and document cameras. It seemed like a perfect solution.

> ***"Teachers across the district additionally enjoyed the ability to bring remote and in-person students together for small group instruction, by turning their ViewSonic VG2456 docking monitor and camera to face several in-classroom students."***
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> **— Ben Pearson, ViewSonic Southeast RBM for Education**

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SOLUTION

- ViewSonic® VG2456 24-inch docking monitors
- These monitors had all the key features the IT team was seeking, including USB-C for laptops, RJ45 Ethernet, two USB downstream ports for accessories like web cams and document cameras, and power delivery to the laptops

To verify its viability the district IT team ran the ViewSonic VG2456 docking monitor through their test bed to ensure that it performed to their standards, said Pearson. It passed with flying colors, and the district committed to purchasing a ViewSonic® VG2456 docking monitor for each of their 13,000 classrooms. Compared to the original monitor/docking station plan, the project saved the district around $250,000.

As anticipated, the solution provided outstanding instructional flexibility for concurrent learning among in person and remote students. Facing the in-classroom students, teachers wirelessly cast content to the classroom projector from their laptops, and could now use their folded laptops in tablet mode to input and interact with the content. The ViewSonic VG2456 docking monitor sat to the side, displaying the gallery of remote students, who received the live content on their school-issued laptops. Teachers used their document camera connected to the integrated ports on the ViewSonic VG2456 docking monitor to directly address remote learners.

Teachers across the district additionally enjoyed the ability to bring remote and in-person students together for small group instruction, by turning their ViewSonic VG2456 docking monitor and camera to face several in-classroom students. Depending on the learning requirements, teachers could use the monitor as the primary content screen, with remote learners displayed on the laptop, or toggle the gallery of remote learners onto the ViewSonic monitor to encourage conversation between digital and in-person learners.

With classrooms once again filled with students, the new technology continues to facilitate small group and active learning, which are key components of the district's updated curriculum plan.

"The advanced ergonomics of the ViewSonic VG2456 docking monitor make it easily adaptable for small group work," said Pearson. "With its smooth pivot, swivel, tilt, and height adjustment capabilities, this monitor easily provides a wide range of customizable adjustments for maximum flexibility and comfort."

RESULTS

- District purchased a ViewSonic® VG2456 docking monitor for each of its 13,000 classrooms
- Compared to the original monitor/docking station plan, the project saved the district around $250,000
- Solution provided outstanding instructional flexibility for concurrent learning among in person and remote students

Furthermore, he added, the SuperClear® IPS panel technology ensures that viewers seated to the side of the display will experience the same image quality as those directly facing it.

"This setup has been ideal for the district, which is working towards more modular classrooms to support active and small group learning," said Pearson. "In fact, ViewSonic has been working with them on developing a model classroom for just this purpose, with varied seating and technology to support small group work."

In the meantime, the ViewSonic VG2456 docking monitor continues to perform an important role across the district, serving as a small group solution in the traditionally-configured classrooms. To provide an additional small-group station, the district is working with ViewSonic to develop a three-tier rolling cart topped with a ViewSonic 32-inch TD3207 touch display.

"Space is very limited in their classrooms, and anything they add needs to be multipurpose, just like the docking monitor," said Pearson. "The cart-mounted interactive display will allow teachers to store supplies while providing an interactive learning station for students."

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