

Tempest Technologies Revolutionizes Medical Interaction with KanexPro

Tempest Technologies utilizes KanexPro 4K HDMI Extender for enhanced interactivity between doctor and patient in over 300 operating rooms



Brea, Calif. - Sept 4, 2018 – The medical market is experiencing a dramatic shakeup as we move into a digital age where technology is becoming a part of our everyday lives. Advances in medical technology are changing the way patients interact with their physicians, receive information regarding their health, and experience their medical visits. And, technological advancements are improving medicine by giving physicians more information and more specific data. Tempest Technologies, an audio visual system design and integration company, is at the forefront of providing dentists offices with the latest technology, leading to more specific, personalized care.

With the latest surge in technology in medicine, Tempest Technologies worked closely with a clients' multi-state dentist offices to create a more advanced experience for patients. "Our client's goal was to accommodate the doctor and the patients communication through the dentist chair," said Mike Conway, Project Manager for Tempest Technologies. "For example, the doctor can pull up previous X-rays, office visit notes, or other pertinent documentation, and review it in the chair with the patient utilizing a touch-screen monitor. At that time, the doctor can review any new information with the patient, including the X-rays taken in .jpeg form. The dentist can provide the patient with a treatment plan and the patient can sign-off on any documents – All in the room and utilizing KanexPro's 4K HDMI Extender."

THE CHALLENGE

Tempest Technologies tested several manufacturers while on the hunt for the ability to send USB touch-screen interactivity between the doctor and the patient, meanwhile, providing the ability to power at either end. "Although we've been utilizing KanexPro's solutions for over two and a half years, we selected the 4K HDMI Extender after testing several manufacturers," noted Conway. "The 4K HDMI Extender has a bi-directional power source, and because of the way the client wanted to utilize the device, the 4K HDMI Extender provided us with immense versatility for the environment. Part of the product is enclosed and we haven't experienced any dissipation in any of the 200+ 4K HDMI Extenders we've installed, which would occur with many other products."





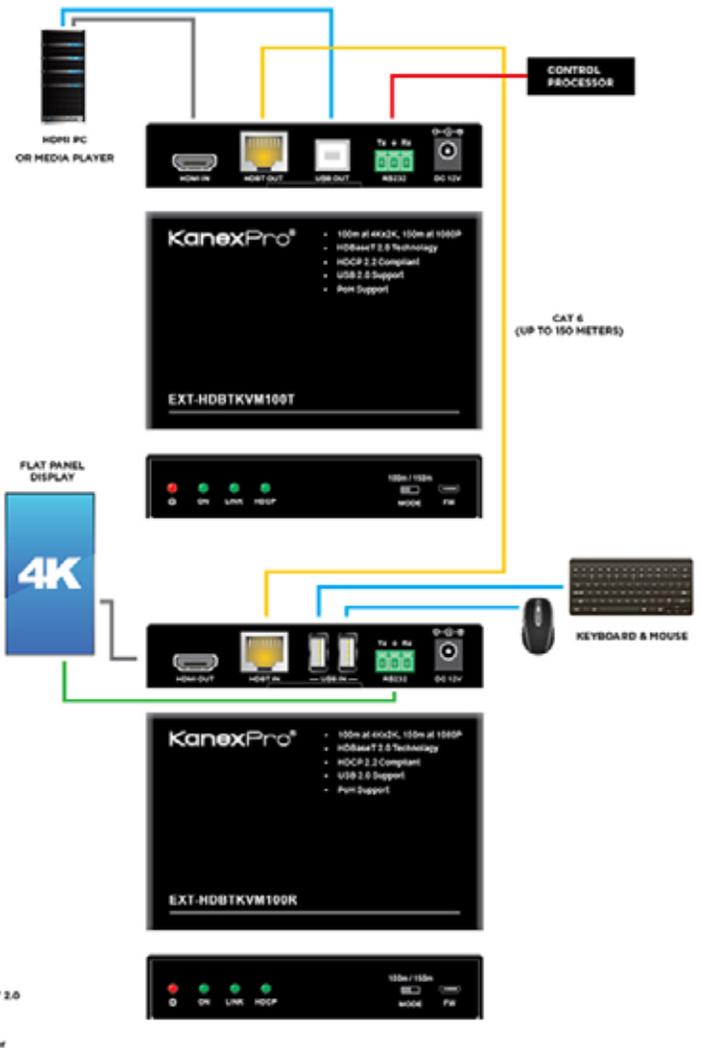
Working in a medical office, it was critical that Tempest Technologies to integrate the 4K HDMI Extenders in a timely manner because the offices could not have any downtime. Tempest Technologies had to work closely with KanexPro to ensure the products were received quickly, and with little to no installation time. “The 4K HDMI Extender has been our go-to product from KanexPro and we can’t rave enough about the level of customer support we’ve received from their team. Each of the staff members we’ve worked with have been very accommodating because they understand we’re in a crunch for time. Typically, because there’s a long lead time in product availability, we’ve been able to work behind the scenes with the sales staff to generate P.O.’s and they’ll set product aside once they’re manufactured. Unlike many other manufacturers, we’ve experienced personalized support in securing quantities. I can not recommend working with KanexPro enough. The level of product quality and customer support that I’ve received, at such a reasonable product price point, is incredible.”

THE SOLUTION

The KanexPro 4K HDMI Extender over HDBaseT 2.0 with USB 2.0 (**EXT-HDBTKVM100**) is HDCP 2.2 compliant and features the latest HDBaseT 2.0 technology to extend uncompressed HDMI video, audio, USB 2.0, control signals, and PoC over a single CAT5e/6 cable. The PoH compliant extender comes with only one power supply, which means that, it can be powered from either Tx or Rx to save installers time and without extra cost installing a power outlet. The HDMI extender runs on shielded CATx up to 100 meters providing full 4K@60Hz or up to 150 meters providing full HD 1080p/60 or 1920x1200@60Hz



APPLICATION DIAGRAM



KanexPro's collaboration with Tempest Technologies continues to broaden KanexPro's portfolio as a medical solutions provider. "Tempest Technologies was searching for a reliable bi-directional USB with HDMI capabilities and our 4K HDMI Extender was the perfect solution for the job," said Kashyap Khetia, Product Marketing Manager for KanexPro. "The installation with Tempest Technologies was our largest medical installation to date, with over 300 operating rooms across three states. And, we continue to work with Tempest Technologies to complete more installations. The 4K HDMI Extender is ideal for medical, corporate and education markets where the extender offers two USB interfaces, meanwhile, allowing SOFTCODEC systems to be utilized for video conference and use with PTZ cameras. Recognized for high-resolution video, the 4K HDMI Extender offers uncompromised quality at an affordable price point."



For more information on KanexPro, please visit <http://kanexpro.com>. Connect with KanexPro on Facebook, Twitter and on LinkedIn for product announcements and news.

About KanexPro

KanexPro is an industry-leading provider of connectivity solutions to the IT and A/V markets. KanexPro provides integrators access to top A/V connectivity products that empower the ability to broadcast, extend, split, or multiply HD signal transmissions simply and cost-effectively in any installation environment anywhere in the world. We have a long history of providing state-of-the art connectivity solutions to the A/V industry in education, business, government, entertainment, healthcare and other markets. Our mission is always to create top-tier technology reliably and affordably.