Hope Industrial Systems, Inc.

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The AdderLink X-2 Silver is mounted internally in the stand

Industrial manufacturing requires the right technology solutions ? those that enable

businesses and manufacturers to get the job done in a rough & tough environment

CHALLENGE

Hope Industrial Systems, Inc. based in Roswell, Georgia, pro-vides industrial flat panel monitors and touchscreens that have superior quality and up-to-date features that are relevant to industrial applications. Hope Industrial houses this advanced technology in a variety of rugged enclosures that allow the user to place their displays wherever they are needed in the factory.This is a critical component in assuring its customers have high reliability.The company provides its monitors through systems integrators and OEMs; as well as directly to brand-name companies in an array of industries including aerospace, food and beverage, chemical, metal and electronics.

As part of its mission to find the right technology solutions, Hope Industrial sought a KVM (keyboard, video, and mouse) extender that would allow the computer to be placed as far away as possible from the industrial monitor.The benefit of such a distance is that a non-industrial computer can be placed in a secure, climate-controlled environment leaving only the rugged industrial flat panel monitors exposed to factory conditions.

Furthermore, the company was looking for a product of the highest quality that could deliver a perfect picture at these lengths.

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SOLUTION

Hope Industrial chose the AdderLink X Series X-2 Silver Dual-Access KVM extender. The KVM Extender allows placement of an industrial monitor, keyboard, mouse and serial touchscreen up to 1,000 feet away from the computer or server using a single CATx cable.The dual version allows computer access both locally and remotely.The company designed the extender into its products which are used by many Hope Industrial customers including Georgia Pacific, General Mills, Pfizer, Proctor & Gamble and Nestle.

?There are several advantages to using Adder?s products,? said John McGraw, Director of Operations, Hope Industrial Systems. ?In addition to the signal extension of up to 1,000 feet, which is two times the length that competitors offered,Adder?s extender provides a rugged metal industrial enclosure.?

McGraw added, ?The X-2 Silver KVM extender also allows for skew adjustment so our customers can fine tune the picture up to 1,000 feet away.And, it?s a good, sharp picture that is better than other products we have tested ? and one that can withstand factory interference, which is important.?

The KVM extenders are compatible with any computer Hope Industrial?s customer may be using. Other benefits of the AdderLink X2 Dual Access extender include its small form factor, which was one of the reasons that Hope Industrial could integrate it into its

product line.			

Through Hope Industrial, the product is available in three configurations.

1. As a stand-alone product for use with Hope Industrial?s Panel Mount Displays.The unit can be mountedbehind the panel near the monitor.

2. As a rear-mount KVM Extender for use with Hope Industrial?s Universal Mount displays.The extender is mounted in a modular sealed NEMA 4/4X/12 enclosure which is attached to the rear of the display.

3. As a Pedestal-mount KVM Extender for use with Hope Industrial?s pedestal mount solutions. The KVMextender is inserted into the pedestal where it is hidden, protected and also sealed to NEMA 4/4X/12specifications.

RESULT

?We?ve received very positive feedback from our customers,? said McGraw. ?It is a reliable, stable product and we?ve hadto provide very little technical support.?

According to the Controls Engineer of Coca-Cola Enterprises, Inc., ?We?re totally satisfied with the extender.It?s small, fast, seamless and you can?t even tell that the video is being extended.?

Hope Industrial designs many of its products, including the encased AdderLink extender to meet standards developed by the National Electrical Manufacturer Association (NEMA).NEMA ratings areuseful in defining the types of environmentsin which an electrical enclosure can be used.

Hope Industrial?s black powder coated steel enclosed products have a NEMA 4 rating, which deems them acceptable for providing protection against dirt, rain, sleet, snow, ice, windblown dust, splashing water, and hose-directed water.The company?s stainless steel enclosed products have a NEMA 4X rating, which also includes corrosion protection.

According to the Plant Technical Manager of General Mills, ?The extenders are quite efficient and they allow us to put the computers in a dry area and just the touchscreens in the wet areas.?

Hope Industrial has been working with Adder for several years and has plans to possibly integrate a USB extender from Adder into their products as well in the near future.

Rear-mount KVM Extender, shown with
17" Universal Mount Industrial Monitor