



# INDIANA STATE MUSEUM AND HISTORIC SITES

*IPBaseT<sup>®</sup> AV over IP Integration Transports  
4K Video to Stunning Exhibit Spaces Inside  
One of Indianapolis' Top Attractions*







## No Dinosaur Age Technology Here!

### The Client

The *Indiana State Museum* is located in Indianapolis within White River State Park. The museum houses 70,000 square feet of exhibit space with over 450,000 artifacts pertaining to science, art, culture, and history of Indiana from prehistoric times up to the present day. The museum is also home to the Indianapolis IMAX Theater featuring the states' largest movie screen. *The Indiana State Museum* strives to be the most innovative showplaces of Hoosier State history, art and science.



### The Challenge

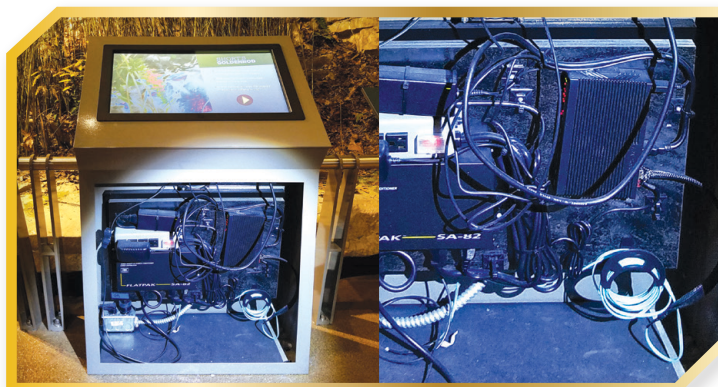
In order to provide visitors with a unique memorable experience, all new interactive exhibits were created. Incorporating elements of digital signage, the touch panel kiosks utilize either motion or touch activated audio and video. Delivery of content across every floor requires a scalable and flexible 4K over 10G IP AV distribution solution. In addition local control and KVM breakout capabilities are 'must have' for the project. The Kiosk design left minimal space for the AV equipment, a small footprint is a necessity.





## The Solution

Shawn Huddleson, AV Manager for the Indiana State Museum selected the Aurora IPX Series Transceivers to deploy across the variety of new museum exhibit spaces. The project utilized a total of thirty-two transceivers, three 48 port Huawei 10G fiber switches, and related accessories. As the IPX units are transceivers, the IPX-TC1 are configured as transmitter or receiver based on implementation.



One of the IPX-TC1 units configured as a receiver installed inside an exhibit kiosk.



**Aurora's IPBaseT® IPX Series Transceivers 4K over IP on 10Gbps Network with Zero Compression & Zero Latency**

IPX units set-up as transmitters handle a variety of media playback sources. These units reside in the server room alongside the audio processing equipment, network distribution, and the exhibit control system. The configured receivers are installed in the Kiosks or behind exhibit walls, their small form factor making them an easy fit. With the flexible architecture of the IPX series, future expansion is as simple as adding additional IPX units to the network as the need arises.





## The Award-Winning IPX Series with IPBaseT® Technology

Aurora's IPBaseT® combines a variety of 4K IP technologies and features under one unified protocol using a simplified topology. Uncompressed video with zero-latency, visually lossless video with low latency, seamless switching, videowall and multiviewer modes, digital audio, USB 2.0, Ethernet, and control are just some of the core capabilities of IPBaseT®. Utilizing the bandwidth of a standard 1Gbps copper (VLX Series) or 10Gbps copper or fiber (IPX Series), IPBaseT® supports large scalable audio/video matrixing, and it does so while replacing multiple technologies and products with a "single-box" distributed platform. The days of needing a separate AV switcher, control system, videowall processor, audio/DSP converter, and more are a thing of the past!



## Aurora Multimedia

Aurora Multimedia products incorporate state-of-the-art technologies that surpass typical specifications and features. Our history of innovation – from the introduction of the industry's first non-proprietary, Web-standards-based IP control systems and touch panels, to today's advanced HDBaseT™ and IP video distribution solutions – has made us a dominant force in the AV industry. Advanced AV processors with scaling, multi-image rotation, and dual/quad display processing only add to our highly adaptive, diversified product line. Aurora Multimedia provides solutions for a variety of global markets, including government, education, security, hospitality, corporate, and house of worship.



## Get In Touch

Aurora Multimedia offers a complete line of AV over IP solutions, to find out how your business can benefit state-of-the-art technologies please contact us today.