

Transportation



Watching over transportation operations and keeping them on time comes down to having the right technology infrastructure in place. Black Box's comprehensive portfolio of connectivity products help you track every issue, delay, and emergency happening in transportation environments in real-time and visualize them on screens or video walls. With a reliable, well-connected, and redundant control room, operators can make informed decisions instantly to keep commuters at airports, railway stations, subways, and bus stations safe and on-schedule.

Solutions



Control Room Operations



Railway Automation and Connectivity



Security Monitoring



Passenger Information and Wayfinding

Case Study: Large Metro System

In public transportation, protecting citizens from personal and property crimes is a challenge. Monitoring, transmitting, and recording real-time images via CCTV increases passenger safety.

A large metro system wanted an affordable system to extend KVM signals over CATx and fiber for their CCTV surveillance system. They also desired to connect serial (RS-232) joysticks for smooth operation. The whole system spans from less than 320 feet to 1800 feet.

Black Box recommended a KVXLC extender to reach the necessary distances of 320 feet over copper cable, and single-monitor fiber DVI extenders to extend signals up to 1800 feet over singlemode fiber cable. To top it all off, we delivered a USB to serial converter to support the joysticks the customer required. The metro system was happy with the resulting system, and placed a second order.

Featured Products



VideoPlex 4000 Video Wall Controller

This standalone display wall controller/scaler outputs high-resolution DVI video up to 4K to multiple monitors. Display content that informs and attracts your customers.



ControlBridge® Multisystem Control

Easily connect and control everything in your control room, including room conditions, through one platform. Or change your complete control room setup with just one click. Simplify workflows with configurations custom-made for you.



Emerald® KVM over IP

This KVM-over-IP system extends and switches pixel-perfect HD or 4K video over an existing or dedicated IP network. It also greatly improves operator workflows in control room settings. Please contact us for EAL4+ compliant solutions.



Freedom II KM Switches

Switch between four or eight computers by moving a mouse from screen to screen. Perform functions that would normally require eight separate keyboard/mouse sets with one keyboard and mouse, freeing up desk space.



KVM Extenders

Get reliable remote access to critical IT assets in your production environment with our broad range of KVM extenders.



iCompel® Digital Signage

Keep passengers informed of arrival times and delays with this easy-to-use digital signage product. Update in real-time with ease to keep content accurate.



Industrial PoE/PoE+ Ethernet Switches

Easily connect IP cameras, passenger information systems, and control units with these hardened PoE-enabled Ethernet switches. Choose between powerful managed switches or plug-and-play unmanaged switches.



MCX - Next-Generation AV over IP

Distribute AV content with no source-to-display latency over IP. Combine the contents of multiple sources and display them on limitless screens, or create a video wall tailored to your needs.