



# Latvian Airport Fiber Optic KVM Technology Solution

## Preview

The new ATC tower comprises a fully-redundant KVM matrix switching solution for fail-safe operation in critical situations. The KVM system instantly connects operators in the visual control room at the top of the tower to computers over 100 meters beneath without loss of. We develop and manufacture optical fibers and fiber optic systems for demanding applications in industry, medical technology, and research. From preform to application-ready OEM solutions, every component is produced in-house - enabling precise, reliable, and seamlessly integrated fiber solutions. Currently SIA "Fiber Optical Solution" has a set-up production process for navigation grade Fiber Optic Gyroscopes (FOG) as well as FOG based Inertial Measurement Units (IMU) and Strapdown Inertial Navigation Systems. The company is vertically integrated. The production line includes: A unique. In the new major international Berlin airport, an IHSE KVM solution enables remote computer access and control of various mission-critical control and monitoring systems, including fire protection, apron control, terminal, baggage handling, all flight movements and ground movements. For example, any point of A, B, C or D is failure will not affect the system running. Solution is based on FPGA. Matrox KVM extenders allow you to centralize systems in a secure server room, and control them from a distance without compromising performance. Many airport operators have already identified the value of a well constructed network infrastructure for themselves as an investment profitability of network infrastructures.

Airports operate several different control centers which are manned 24/7 throughout the year and are critical to airport operations. In addition to Air Traffic Control

With the capability to support up to 16 pairs of transmitter and receiver devices via a single Gigabit Ethernet switch, this fiber optic KVM extender offers seamless

Solution is based on FPGA processing technology and transmit data over fiber with abundant bandwidth for each channel. The whole system is isolated with internet and not available to access internet due to

KVM is short for keyboard, video and mouse and refers to the interfaces of a computer. KVM computer and user modules use twisted pair cables, optical fibres or IP structures to access the equipment

Airport fiber network design ensures reliable, scalable, and secure connectivity for critical airport systems, supporting future aviation technology

IHSE's KVM technology is used to provide airports with real-time traffic data for optimum operations, as well as enhanced safety and efficiency. Applications include ground operations, air traffic control,



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Norman Beneke Consultant IT-Solutions, Berlin Brandenburg Airport The KVM system used provides direct connections (point-to-point) between the computers and the workstations via

We deliver complete fiber optic systems paving the way for future connectivity in the Baltic. And the best part - we pair our solutions with support and training to make

Internet and Television In Latvia Balticom provides the most modern television, both digital and interactive, for residents of Latvia. Among 105 channels, as many as 78 in HD quality. Our masters

With production excellence in Latvia and a strong international network, we deliver fiber optic solutions tailored to the most demanding applications - from industrial laser technology to cutting-edge

AV Access 4KIP500F-KVM fiber KVM extender, transmitting 4K HDMI and USB signals up to 550m/1800ft with zero latency. Works with an Ethernet switch to

The Extio F2408 point-to-point, KVM extension solution separates the keyboard, mouse, audio peripherals, and up to 4 displays by up to 1 km via fiber-optic cable.

AVCiT's Phinx Fiber KVM system allow to separate computers from operator console desk and store them into centralized data center, where is well-cooling, safe and easier to manage.

KVM extenders allow the transmission of critical data & optimize workflows at Sofia Airport: Real-time access and total operational safety.

KVM solutions are deployed in a wide range of industries and control room applications to improve security, ergonomics, and collaboration--from industrial control rooms to military and defense

KVM Solutions for Airports | IHSEThe new ATC tower comprises a fully-redundant KVM matrix switching solution for fail-safe operation in critical situations. The KVM system instantly connects operators in the visual control room at the top

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