A leading European mining company uses ATEN solution to control and monitor analytical systems

### Overview

A leading European mining company is looking for a solution to consolidate remote monitoring and remote control methods for various types of analytical servers. All servers need to be controlled via two operators and monitored on a 14 screen video wall in the control room with access over IP when requested by HQ in Stockholm, Sweden.

### ATEN Solution

- **KH2516A**: 2-console 16-port Cat 5 High-Density KVM Switch
- **CE100**: KVM Extender
- **VS82**: 2-Port Video Splitter
- **VE022**: Mini Cat 5 A/V
- **CN8000**: KVM on the NET™

### Benefits

- Highly Compatible - Compatible with all standard VGA displays available on the market
- Multiple Display Support - Leaves possibility to add video matrix switch for additional video wall control
- Space Saving - Compact extenders are small in size, robust and flexible for any installation; allow operators to use a thin-client setup saving desk space and unnecessary hardware
- Increase Efficiency - The device installation, operation and testing process are simple; monitoring is convenient and devices easily accessed

### Solution Setup

[Diagram showing the network setup with various nodes and connections labeled with relevant equipment and connections such as Video, Network, Keyboard/Mouse, and Video/Keyboard/Mouse.]
Case Study - Manufacturing

**Features**

**KH2516A 2-console 16-port Cat 5 High-Density KVM Switch**
- Two KVM consoles independently and simultaneously control up to 16 directly connected computers
- Diversified port operation mode enables flexible computer management – Occupy, Exclusive and share modes
- Two-Level Password Security - Supports one administrator and ten user profiles. Password protection prevents unauthorized accessing to the installation
- Broadcast Mode sends commands from the console to administrator-selected computers
- Adapter ID – Stores port information allowing administrators to relocate the servers to different ports, without having to re-configure the adapters and switches
- Firmware Upgradeable

**CN8000 KVM on the NET™**
- Two KVM consoles independently and simultaneously control up to 16 directly connected computers
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- Two-Level Password Security - Supports one administrator and ten user profiles. Password protection prevents unauthorized accessing to the installation
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- Firmware Upgradeable

**CE100 KVM Extender**
- Uses Cat 5e cable to connect the local and remote units, extend distance up to 100 m
- Supports real time DDC communication
- Supports manual compensation adjustment for better video quality
- Superior video quality – up to 1920 x 1200

**VS82 2-Port Video Splitter**
- One video input to 2 video outputs
- Cascadeable to 3 levels - provides up to 8 video signals
- Long distance transmission - up to 65 m
- High video resolution - up to 1920 x 1440

**VE022 Mini Cat 5 A/V Extender**
- Uses Cat 5e cable to extend audio and video transmission up to 150 m
- Adjustable Gain Control lets you manually adjust signal strength to compensate for distance
- Convenient docking interface for mounting the VE022 on the display device
- Eliminates the need for bulky VGA cables

**ATEN International Co., Ltd**
3F, No.125, Sec. 2, Datung Rd., Sijih District, New Taipei City, Taiwan 221
Tel: 886.2.8692.6789  Fax: 886.2.8692.6577
E-mail: marketing@aten.com

www.aten.com