

## Quad View Monitoring of Factory Assembly Process

### ATEN multi-view KVM solutions allow monitoring of factory assembly line



#### Overview: Factory, UAE

A leading manufacturer of mobile tablets and smartphones has a **24/7 factory assembly line** which needs to be constantly monitored.

The video feeds from the surveillance cameras in the assembly line need to be monitored in the **control room** as well as in the **security room** on a single screen with **Multi-View access**.

### Challenges

- Wants to have **multi-view monitoring** both at the **local workstation** in the control room and at the **guard security room**
- Requires **OSD navigation using keyboard and mouse**
- System needs to achieve **flexible display modes** at **high resolution**
- Proposed solution should be compatible with **DVR/NVR devices**

### Solution

#### CS17916 16-Port USB HDMI KVM Switch



#### CM1164 Multi-View DVI-D KVMP™ Switch



## Solution Architecture



## Features & Benefits

- ATEN CM1164 supports flexible display modes i.e. **Quad View, Triple View Dual View etc. @ 1920 x 1200**
- ATEN CM1164 supports **a dedicated hardware cursor** for easy OSD navigation via **console mouse**
- ATEN CS17916 can allow **easy expansion** for future use by cascading up to two levels-thereby controlling up to **256 computers**
- ATEN KVM solution is compatible with a host of **NVR and DVR devices**

*"Our factory assembly line is a 24/7 environment with constant monitoring needed due to the nature of the products we manufacture. Since we were low on personnel we hoped to achieve surveillance from different locations in a security room with a two security guards working in shifts. ATEN's multi view KVM solutions were an ideal match for our requirement as it enabled us to seamlessly monitor camera feeds on a single screen along with K/B mouse control"*

— Customer Feedback

