TRANSITION TO A WORLD OF PHYSICAL & VIRTUAL CPUS

TRADITIONAL POINT-TO-POINT EXTENSION OVER IP

With the InvisaPC solution, computers are removed from the desktop, relocated within a secure, climate-controlled equipment room, and connected to an InvisaPC transmitter. Each user has his/her own keyboard, monitor, mouse, and peripheral setup connected to an InvisaPC receiver. The receiver delivers a high performance, real-time experience, just like running any application on a local CPU without any performance issues. The clients and the back-racked servers are connected via standard local area network (LAN) or wide-area network (WAN) infrastructure. The bandwidth requirements of the system are very low. For example, with the InvisaPC, transmitting a 1080p movie only requires 35 Mbps bandwidth. The low bandwidth requirements enable extension over the Internet with very low latency and sharing over corporate networks.

ADAPTS TO GROWING NEEDS

InvisaPC can easily be adapted to meet your requirements. Start with a small switching system that enables one user access to different computers and virtual machines. Gradually, the system can be expanded into a switching matrix. Future management software will also enable larger switching matrices, as well as integration into existing network authentication systems such as LDAP or Active Directory.

FLEXIBLE REMOTE ACCESS ENSURES A CONVENIENT WORKING ENVIRONMENT

The clients operate extremely quietly — no fan noise to distract users from their work. The power consumption is about six watts per unit. The InvisaPC receiver, with its space-saving design, can even be mounted behind the monitor screen. Moving to cloud computing with a device like the InvisaPC enables IT managers to make their departments more flexible and responsive.

SOFT MIGRATION FROM REAL TO VIRTUAL MACHINES

The InvisaPC solution provides the ability of a smooth migration from real desktops towards a virtual server landscape. The system provides integrated support for back-racked PCs and virtual desktops. In particular, the design addresses applications with a mix of both worlds — without changing the front end for the user. Desktop virtualization is deployed through a server that hosts multiple virtual desktops. Using an InvisaPC transmitter, the system supports digital video, keyboard, and mice across IP networks. It is standards-based, so there are no upgrades to equipment, software licensing, or remote management — plus, no time-consuming IT visits.

- IP-BASED LAN/WAN SOLUTION FOR EXTENSION AND SWITCHING OF DVI-D VIDEO AND USB-HID & CLOUD-BASED MATRIX SWITCHING

- OFFERS POINT-TO-POINT EXTENSION OVER IP (IN REAL TIME OVER A LAN OR WITH LOW LATENCY OVER THE INTERNET), AND SWITCHED EXTENSION WITH UP TO 32 VIRTUAL MACHINES/ PHYSICAL COMPUTERS VIA THE TRANSMITTER

- EXTREMELY LOW BANDWIDTH REQUIREMENTS WITH MAXIMUM 35 MBPS FOR 1080P MOTION PICTURE RESOLUTION

- SCALABLE SOLUTION — START SMALL AS POINT-TO-POINT EXTENSION AND GROW TO A MANAGED MATRIX SWITCHING SYSTEM. MAXIMUM RESOLUTION UP TO 1920 X 1200. COMPACT FANLESS DESIGN IMPROVES ERGONOMICS AT THE USERS' DESKS

- REMOTE DESKTOP PROTOCOL (RDP 7.1 AND RDP 8 OR REMOTE FX) DELIVERS SEAMLESS RICH MEDIA, USB REDIRECTION, AND ENHANCED SECURITY AND COMPLIANCE

- SEAMLESS INTEGRATION OF PHYSICAL & VIRTUAL WORLDS
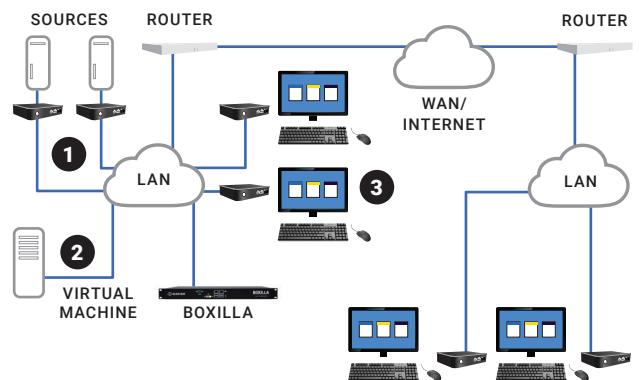
1. INVISAPC TRANSMITTERS (DTX1000-T) WITH SOURCE CPUS.

2. HOST SERVER WITH RDP, SUCH AS MS SERVER 2008 R2, AND CALS FOR RDP VIRTUALIZED SESSIONS.

3. WORKSTATIONS WITH KEYBOARD, MONITORS, AND MOUSE SETUP, AND AN INVISAPC RECEIVER (DTX1000-R) FOR REMOTE ACCESS TO CPUS AND SERVER. INVISAPC CAN EXTEND TO UNLIMITED ENDPOINTS.