



# BROADCASTING REDEFINED

the ultimate solution for multi-signal switching and extension



## Ultra flexible multi-signal KVM extension router

The Draco Tera is IHSE's latest flagship capable of routing a maximum of 288 ports either in or out. This means one can have a single user controlling 287 servers or a single server being controlled by 287 users and everything in between. All thanks to flexport technology. Obviously the same applies to the smallest of applications requiring 'only' 48 ports.

## Multi-signal support

- Best 1G DVI compression available
- Draco converters for video conversion and legacy support
- True USB-HID mapping for secure access
- Embedded USB2.0 FullSpeed+ for low bandwidth devices
- High-speed USB2.0 support (requiring an extra port)
- Digital audio with SRC support and delay compensation
- Analog audio and serial support

## Instant switching technology

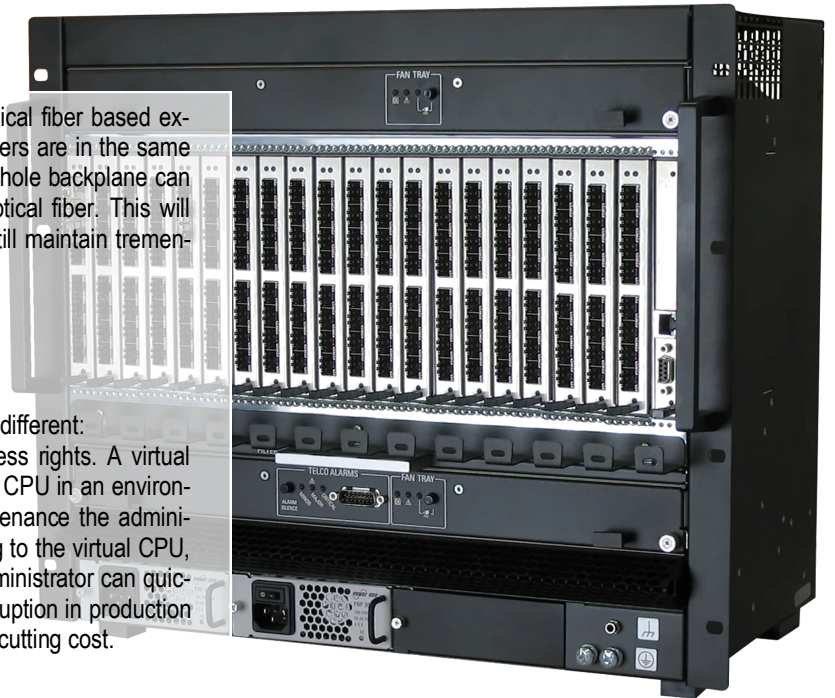
In this day and age speed is everything. With Instant Switching technology the Draco Tera switches channels in the blink of an eye. No more waiting looking at black screens, no waiting until after resync and no delay.

## Unique Mix&Match

Mix&Match allows the user to combine both copper and optical fiber based extenders into one single device. Ideal if for example your servers are in the same room as the Draco Tera. Owing to the limited distance the whole backplane can be copper wired, while the consoles are connected over optical fiber. This will significantly reduce cost compared to all-fiber system and still maintain tremendous bandwidth.

## Virtual consoles and virtual CPUs

Although the terms sound identical, their functionality is quite different. This feature allows the administrator to quickly assign access rights. A virtual CPU on the other hand is an administrator-named route to a CPU in an environment where many similar CPUs are used. In case of maintenance the administrator can change the route to another (similar) CPU. Owing to the virtual CPU, the user does not notice CPUs being swapped, while the administrator can quickly perform maintenance tasks. This function avoids any disruption in production and allows maintenance during operation hours, significantly cutting cost.



## More information on the Draco Tera

Of course the Draco Tera is a complex beast. Controlling it however is a breeze by allowing your existing Extron or Crestron video controller to do the hard work. You can also choose to use IHSE's proprietary Java tool to quickly configure and operate the Draco Tera if the sheer size of the system exceeds hot-key or OSD control. Nonetheless even a large scale switch such as the Draco Tera can be easily cascaded to facilitate even larger installations. Of course its modular design also offers a platform for future growth when starting out with a somewhat smaller system.



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