

SigiStudio

Q-SERVER



For Quantel PAINTBOX®, HARRY®, HAL® and PICTUREBOX®

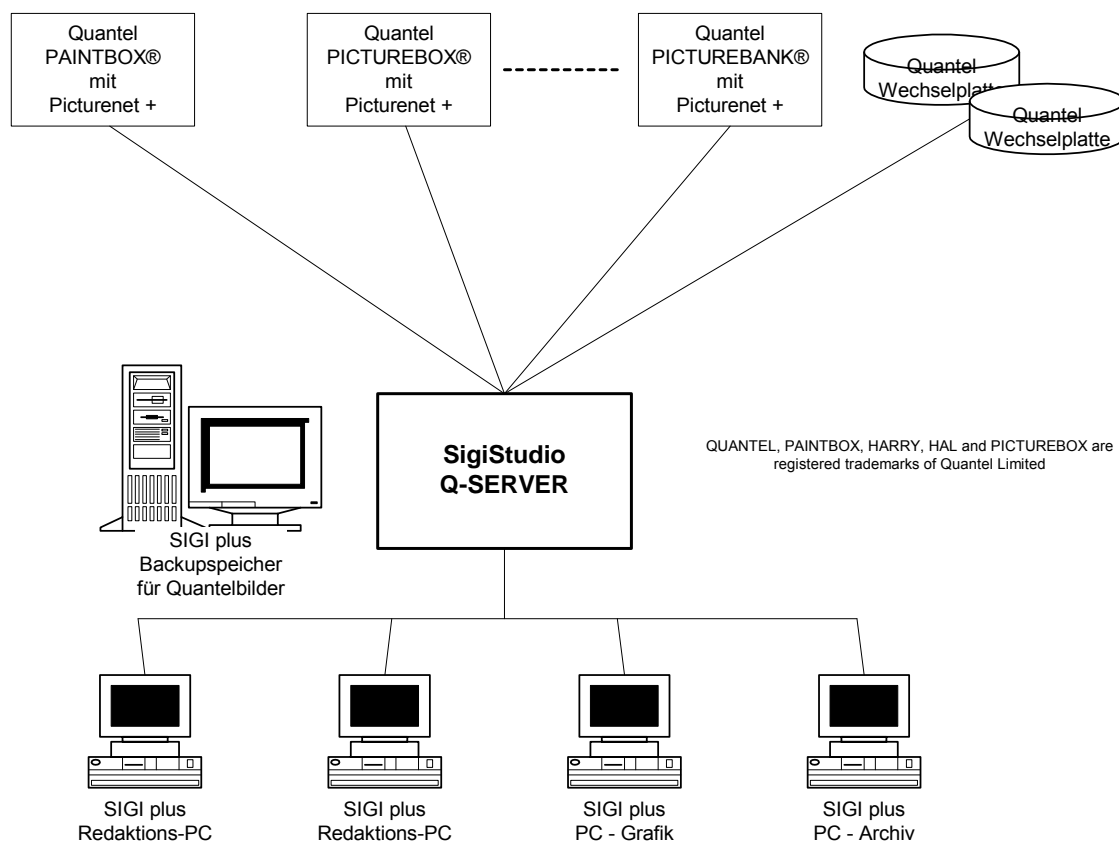
There are lots of installations, where video systems like Quantels PAINTBOX®, HARRY®, HAL® and PICTUREBOX or other systems are used in broadcast facilities. But systems of Quantel are very limited in a heterogeneous environment, using them together with video systems from other manufacturers. Especially the connection to QUANTEL systems using the PICTURENET+ option cannot be used in a proper way in multi-user applications, because of the low interface transfer speed to external systems and the limitations of Quantels FTP-protocol using several simultaneous connections.



Now a new powerful and secure connection to Quantel systems is available: the SigiStudio Q-SERVER. The Q-SERVER fits perfectly into the SigiSTAR environment and can also be used in stand alone applications. Each existing Quantel system with PICTURENET+ option can be connected to the SigiStudio Q-SERVER. Different user access rights can be defined for each device, providing full, read only or write only access. Integrated cache functionality, independent for each Quantel system, can be used for browse images but also supports the full image format. When not provided by the Quantel system browse images will be created automatically. By using the auto compare and import mode, the complete image data can be mirrored to the SigiStudio Q-SERVER in selectable time intervals, providing fast and secure external image access without the need for a direct link to the corresponding Quantel systems.

This is an easy way to create backups of the images on a different hardware platform. Because this feature also supports exchangeable disks, an online archive for offline image data can be built up. To get the maximum image quality without any overrun resulting from format conversions the communication with the Quantel systems uses the VBP-format (YUV) including the description information. To store the image files, a zero-loss compression method specially designed by SIGNUM for the YUV data format can be used.

The SigiStudio environment supports export and import of images in all SIGI formats, independent of the limited number of file types, available from Quantel. The SigiStudio Q-SERVER is a special software package, designed for the use on Windows NT / Windows 2000 Professional systems and can be delivered with or without server hardware. The corresponding SigiStudio client software can be installed on Windows 98, Windows ME, Windows NT, Windows 2000 Professional and Windows XP Professional. Optionally with INTERSERV-Q a standard internet browser to access the SigiStudio Q-SERVER without special client software can be used.



SIGI plus Systemkonzept zum Anschluß von Quantelgeräten über Picturenet+

Important features

- Using Quantels Picturenet+ option to interface
- Quantel systems can be connected via Fast Ethernet and TCP/IP to the SigiStudio Q-Server
- Each Quantel system provides different user access rights (full, read only, write only access)
- Independent cache memory for each Quantel system for browse images and full image format
- Automatic creation of browse images, if not available on the Quantel side
- Image transfer using drag and drop functionality
- Automatic mirror mode (compare and import) with selectable time intervals (transfer of images using VBP-format including text description)
- Images can be stored with zero loss compression
- Copy operation to Quantel systems in the background (no waiting time)
- Access to Quantel images more than twice as fast as direct FTP access
- Only on FTP connection to Quantel system independent of the number of users
- Backup of Quantel images using fixed disks, tapes, CDs
- Quantel specific search strings can be used for fast image selection
- Images can be write protected
- Fast copy from Quantel system to Quantel system
- Fast image import / export
- Supported import / export formats: JPG, TGA, TIF, BMP, VPB, SGI, 601, YUV, PSD, PIC, PCD, EPS, PCX
- Automatic size conversion to 720x576 for import / export
- Import / export to local file system, network or FTP server
- Easy image transfer to Signum image server and digital video production systems
- Full integration into SigiStudio environment
- Optional access to SigiStudio Q-Server using standard internet browser software with Interserv-Q
- Backup of Quantel images with Signum image server

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