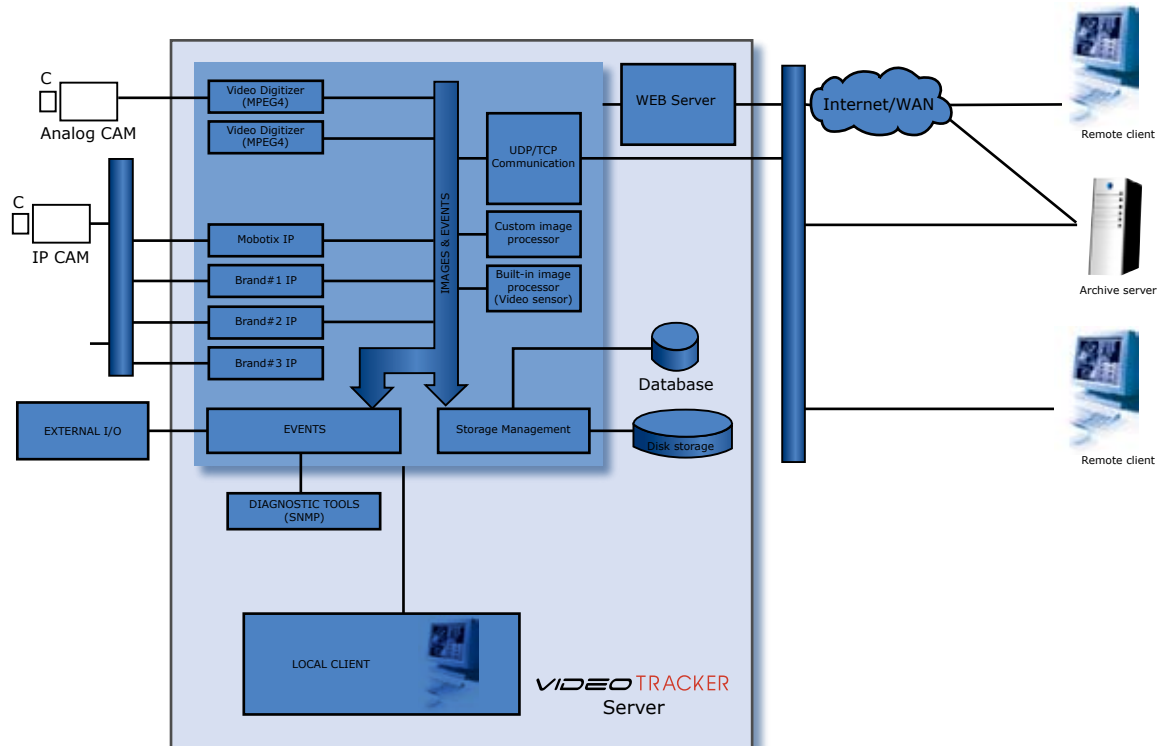


VIDEO TRACKER

Integrable industrial digital video recorder

The system is made of a programmable digital video recorder. Its client/server architecture is particularly suitable for network operation in any industrial environment. A software development kit provides the in-house software department with all the tools needed to integrate the system in its proprietary environment.



PRELIMINARY TECHNICAL DATA

→ ARCHITECTURE

Client/Server model

Any numbers of servers can be accessed by any numbers of clients

Multitasking system: simultaneous record, display, replay and communication without performance loss

All functions are available locally and remotely including parameterization and configuration

The same user interface application can be used locally and remotely

Web browser ready

→ CAMERAS

Supports up to 16 color PAL or NTSC/CCIR or EIA black and white analog cameras

Optional support of industrial and non standard cameras

Supports IP cameras and transmitters (Mobotix, etc...) *Contact our commercial department for the complete list of supported IP devices and cameras*

Simultaneous support of different brands of **analog AND IP cameras**

Up to 32 simultaneous video streams...

Possible combinations: 32 IP, 4 analog and 28 IP, ..., 16 analog and 16 IP

Maximum data rate of 64 Mbit/sec per server

→ IMAGE FORMAT AND FRAME RATE

Full D1 resolution 704x576 (50 Hz) and 640x480 (60 Hz) or higher with industrial cameras

Typically **25(30) simultaneous frames/sec/camera** (960 frames/sec per server)

Individual selection of the resolution (4CIF/2CIF/CIF/QCIF) and the frame rate per source

→ RECORDING AND STORAGE

Dedicated disk area of configurable size for each source

Permanent simultaneous recording of each source

Sequences can be created manually or automatically...

Sequences can be protected against...

Sequences are accessed quickly through their symbolic names

Configurable life time of the images and sequences

MPEG4, MJPEG or proprietary compression (in case of some IP cameras)

→ COMMUNICATION

Supports TCP/IP, routers, NAT, LAN, WAN, Internet

Configurable communication ports

→ PROGRAMMABLE, OPEN SYSTEM

Software Development Kit (SDK) for building custom user interface and server applications

Integration of custom image processing functions

Simple object oriented model...

A single component provides the live image display and the review of recorded material by settings a few properties

Support of all standard **development tools** and environment **under Microsoft Windows**

ActiveX and .NET components provided with documentation

Your partner

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