

# RACE TRACKER

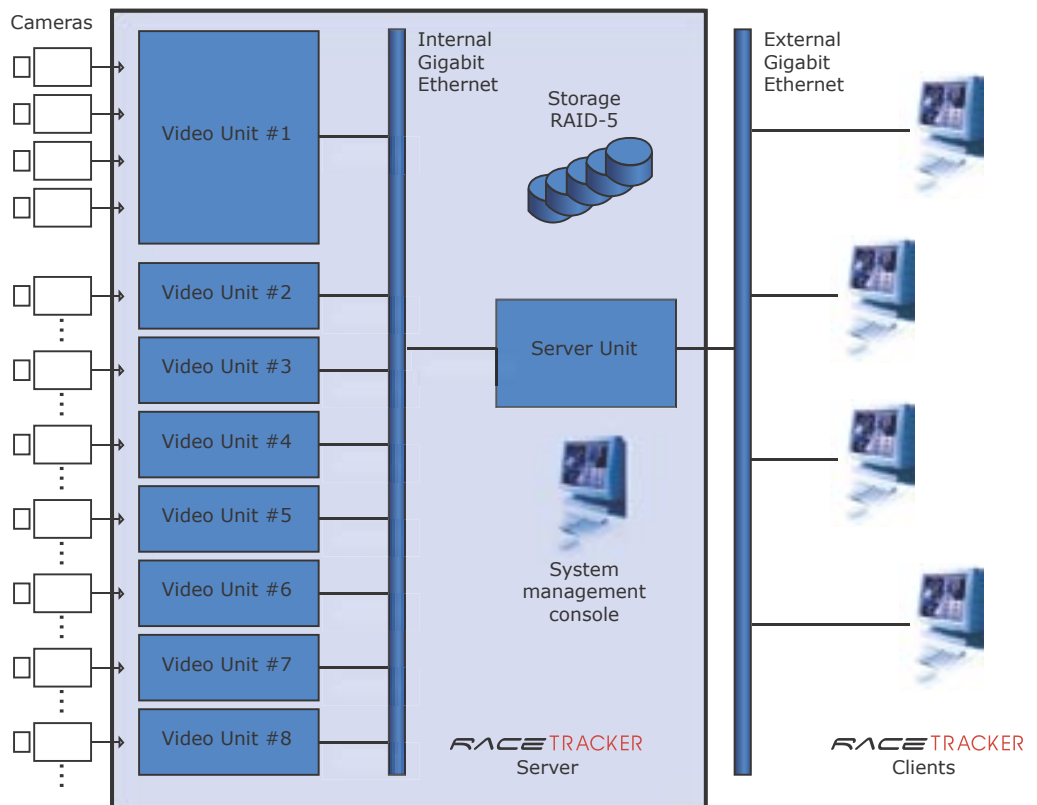
## The extreme digital recorder

Car races and Formula 1 are models of speed and high technology. Therefore when it comes to the video surveillance of events of this kind, product performances are crucial. RACETRACKER takes up the challenge. This video surveillance server offers the latest digital technology combined with a powerful image acquisition equal to the constraints at stake.

### ► RACETRACKER

**This new concept of real-time digital video surveillance server and recorder offers outstanding performances.**

It simultaneously records live high-resolution images (TV quality) from several cameras. Its Client / Server architecture allows the use of an almost unlimited number of cameras and provides simultaneous access to recorded images by several users.



# CHARACTERISTICS

## SERVER FEATURES

The server acquires images from cameras connected to the system and records them in real time. The recorded images are then delivered to the relevant client workstations.

- Real-time video recording: 25 images / second
- High definition images: 768 x 576 pixels
- Continuous recording: up to 27 hours
- 1h30 buffer on each video module in case of main storage failure
- Number of cameras: 32, possibly expanding
- Password protected server access
- Storage reliability: RAID-5

## CLIENT FUNCTIONALITIES

The client application is to be installed on a standard PC. It communicates and interacts with the server.

- Simultaneous consulting by remote users
- Users organized into a hierarchy with different capabilities and rights
- Password-protected server access
- Digital zoom
- Instant search of recorded images (camera & time)
- Targeted search
- Simultaneous recording and replay
- "Monitoring" and "Review" modes
- Export of recorded images

## MODES

There are two different modes in the client application: "Monitoring Mode" and "Review Mode".

The **Monitoring Mode** broadcasts in real time acquired images. Users can choose the number of sources displayed on the screen: a single camera or a mosaic of cameras in active windows.

The **Review Mode** allows search and research on the recorded images. A number of actions can be taken on the images: zoom, fast forward or rewind within a sequence, image processing such as contrast and brightness, and a few other search modes.



## GO DIGITAL

The digital technology has become inescapable in a great number of application fields. The video surveillance largely benefits from this with an unprecedented quality and stability of image.

### Storage and archiving

The storage volume and the medium are reduced compared to VHS tapes. Consequently, the hard disk can store up to 27 hours of recorded images whereas VHS tapes could only store a few hours recording.

### Consulting and broadcasting

The digital information can be shared by several remote and local users. Users are free to consult stored images simultaneously to the recording without affecting it.

Broadcasting can have multiple destinations. For instance, one of the options allows to select sequences to be broadcast to screens situated in the different stalls or to television networks.

### System's evolution

This digital system is meant to evolve. It allows to use more cameras and not to be limited to the surveillance of the circuit. Indeed, the whole area can be equipped with cameras. Racetracker provides a global and highly effective surveillance system