

LETVIS[®] MON - DATA & VOICE RECORDING, ARCHIVING, REPLAY SYSTEM

LETVIS[®] MON system is intended for the creating of time-synchronised records, the archiving of recorded files and their retrieval for time-synchronised replay or data reduction without interrupting the recording process. LETVIS[®] MON is to be used for critical applications where the data and signals recorded are replayed with precision time synchronization. Such applications are those employed in Air Traffic Management systems, Air Defence systems and others.

Inputs to be recorded:

- audio signals
- video signals
- data distributed within LAN/WAN under IP protocol
- data from serial asynchronous and synchronous lines
- outputs from analogue or digital radar systems
- output signals from other sensors with analogue or digital output (record of temperature, movement of persons,...)

Main features:

LETVIS[®] MON is designed as a system of independent processes of recording, archiving, replaying and monitoring the state of input sources and processes mutually communicating through TCP/IP protocol. Thanks to its high modularity, not only simple systems where all the processes are running on a single computer but also complex systems where individual processes or their combinations are running on RAID based multi-processor servers while the monitoring is running on terminal stations, can be created.

This conception enables:

- creation of records of input sources and their combinations
- easy modification or extension of the system depending on the input load, or type and quantity of signals to be processed
- records archiving on high-capacity RAID storage media, or external media of CDRW, DVD type

Benefits of system modularity, open architecture and use of advanced technologies:

- ✓ Favourable price-to-performance ratio
- ✓ Meeting specific customer's requirements
- ✓ Ease of the system growth
- ✓ Build-up of multi-platform systems using the SUN[™] Solaris[™] or Linux OS based workstations for basic processes of recording & replay, and Windows[™] OS environment for replay control and monitoring
- ✓ Optional HW platform (Intel[®] or Sun[™] SPARC[™] based)
- ✓ Low life cycle costs

Principal scheme:

