

### Data recorder unit

MultiStore VCL (voice and call logging) is developed for the recording of different communication signals:

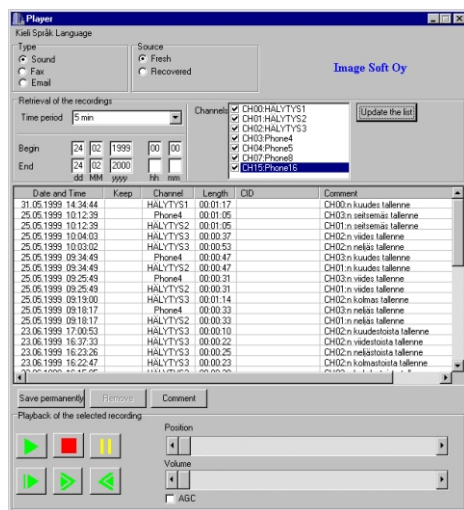
- telephone traffic
- radio traffic
- microphone signals
- arriving telefax traffic
- e-mail

Furthermore, it is also possible to connect a video picture compression and storage unit. This unit is controlled from the same site as MultiStore voice and call logging system.

The MultiStore VCL operates without any user actions (a black box). All operations (except the change of archive tapes) are done through the TCP/IP net from the operating site. The saving cannot stop otherwise than by turning off the data recorder unit. After the power supply interrupt the data recorder starts automatically.

### Operating site

The MultiStore VCL is used via the TCP/IP network from ordinary PC which has been equipped with Windows NT operating system, voice card and loudspeakers. The user interface is an easy-to-use Windows application.



### Channels

There are 16 channels in the storage unit. Telephones, radios or microphones can be connected to the audio channels. In addition to that, incoming telefaxes can be recorded and sent e-mail messages with file attachments. Received telefaxes are printed automatically to the printer. The audio channels are connected through the filter unit. In the filter unit the levels of audio signals can be adjusted channel by channel.

### Recording Control

For all the used audio channels are defined:

- name of the channel
- start recording: digital I/O or VOX
- when VOX is used, starting level and minimum duration of the signal (to prevent the unnecessary recordings caused by the short disturbances)
- stop delay when a VOX is used

### Caller ID

Caller ID is saved from incoming calls, which will be obtained as a DTMF signal at the beginning of the call. Furthermore storage unit can connect to the telephone exchange via serial interface. In this case caller ID for each call can be obtained from the exchange..

### Archiving

Recordings are saved to hard disk. Recording capacity (saving time) depends on the number of the channels and from usage.

The capacity will be typically from week to months. It is possible to play immediately the recordings on the disk. The recordings are also archived automatically to the DAT tape. If necessary, recordings can be returned from DAT tape to the system.