



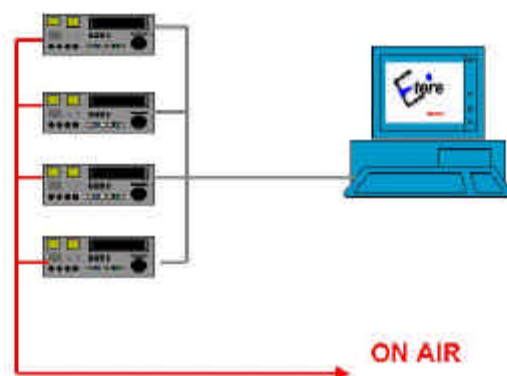
## Full caching: TV automation based on video-server

**ETERE is a software-only solution for TV Automation. It doesn't require special hardware and it works on standard PCs connected to a LAN. ETERE is easy to use, safe and reliable.**

**ETERE Automation has designed a new system for TV automation based on video-server: Full Caching.**

To explain how this system works, we'll show you a few TV automation systems:

### Automation with VTRs



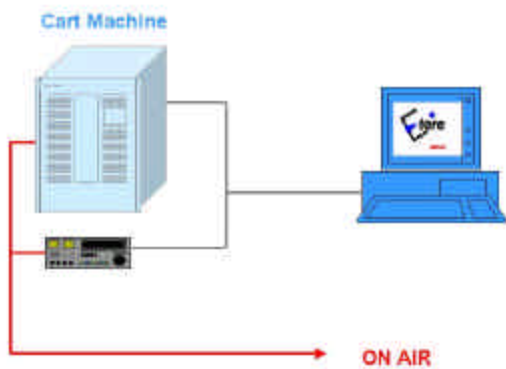
In a system with VTRs the main characteristic is that the technology is based on tape. The system is multiform, easy to maintain and it supports standard video. Unfortunately there are more negative aspects about this system than positive ones: tapes need to be frequently reloaded, commercials must be previously prepared and it's very difficult to maintain video quality. The system has a low MTBF and it is not fault tolerant.

not only software

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## Automation with Cart Machine



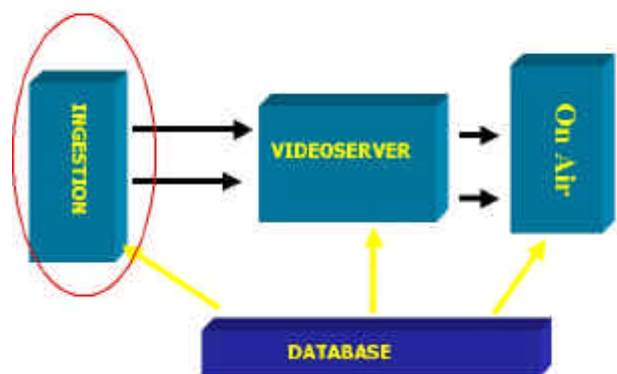
A system with a cart machine has a large archive and the technology is well-established

Commercials must be previously prepared and it's very difficult to maintain video quality in this system as well, it has a low MTBF VTR + library and it is not fault tolerant.

## Full caching system

A full caching automation is composed of:

- ✍ recording system with ingestion
- ✍ asset database management
- ✍ videoserver
- ✍ On-Air system

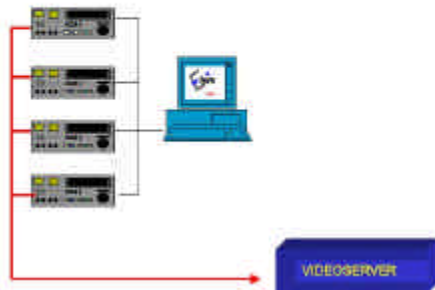


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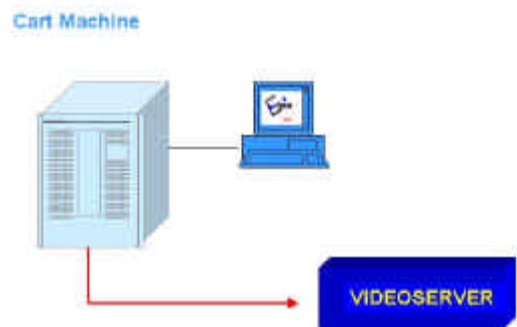


**There are 2 different solutions for the ingestion:**

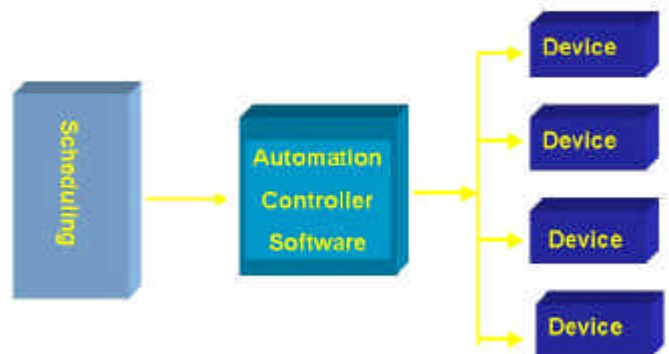
Solution A (with VTRs)



Solution B (with cart machine)



**For the On-Air**, Etere developed a new technology of **Full Caching**. It offers various advantages, such as extreme flexibility, quality, reliability. Traffic does not have to be planned for ages in advance and even changes in the last moment can be carried out to the schedule, any time, no matter of the format. With ETERE Automation the creation of complete events is easy and automatic, without any need of operator's intervention.



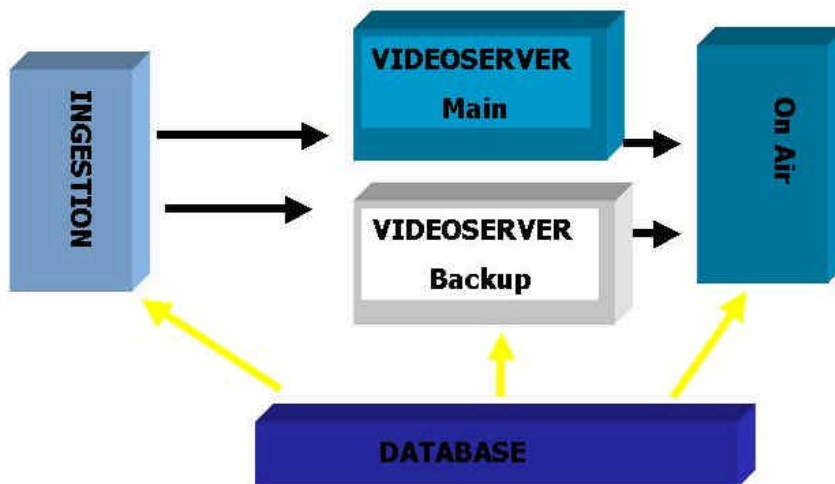
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You can modify the schedule till the last minute before the on-air by using the Streaming functions, and you can go on air while you recording. The tape can therefore be downloaded only a few minutes before its broadcasting. The format is independent and the system is Fault tolerant.

The preventive recording protect from VTR mechanical problems, and permits to program a fully automatic transmission for a part of the day. On a weekly base, a TV does not have more than 8 new programs per a day. Each day, VTRs work about 8h. Moreover, they do not have to perform all Stop/still operations. A videosever does not have parts constantly in motion, does not require service and is very reliable; nevertheless a Backup system is provided.

### ***Fault tolerance with a Backup system***



With ETERE Automation, you can manage a Backup system without any effort. Two systems are seen by operators as a single videosever. The Backup system comes automatically into operation, and it's autonomously updated by Etere Media Manager.





ETERE Automation provides the greatest protection for both your data and your on air. If a failure occurs for any reason, you won't have any problems. Your automation will be frame-accurate. ETERE Automation uses the distributed technology, so there is no single point of failure. In the multi-channel system you can decide the tasks / PC's ratio of your system to fit the best your station structure.

Only the most powerful and flexible software on the market is able to offer you all this, and much more, for an impressive price: this is the best value for your money.

### **About Etere**

*Born in 1980, Etere became a symbol of leadership, technology and dynamism, both in Italy and all over the world. ETERE provides the most powerful, flexible and highly reliable software solution. The Etere solution is a complete, easy-to-use solution that is ready to meet your entire automation, recording, archiving, scheduling, traffic and media asset management needs. Customer is the focus of all ETERE's new marketing, research and development choices. And the challenge goes further on: ETERE intends to anticipate market requirements, fostering new research and development of its software. Future is, for ETERE, uninterrupted effort to anticipate the times and to make real those solutions which, for others, are still future.*

For major information regarding ETERE solutions, visit our web site: [www.etere.com](http://www.etere.com)

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