

The *Content Manager* is the core of the system. It keeps track of all the metadata, the recording list, the table of contents (TOC), and Electronic Programme Guide (EPG). It also passes commands like play and record to the appropriate device. The *Internet Gateway* provides internet access for the STORit box and connected devices. *PC Applications* like browsers can access some functions of the STORit box including internet access, programming the video recorder, and installing profiles for preference recording.

Several features are implemented: EPG-based selection allows capture on local storage. A single click in the browser captures a whole TV series from a web site onto local storage. Clicking a button while watching a promotional trailer guarantees that the programme being advertised records on local storage later.

The user interface that manages the identifying, selecting and capturing of programmes is based on agent technology and contains lifestyle icons (L-icons). The L-icons will express different opinions that are linked to the type of programme and preferences indicated by the viewer. Thus a L-icon represents a consumer profile which can be adapted by monitoring actual viewing behaviour. L-icons are also used for automatic capture of content on behalf of the consumer.

Figure 2 shows the STORit box UI. The top shows a zoomed-out view. The middle shows the actual EPG with the "Documentaries" filter activated. At the bottom is a L-icon stating its opinion on the currently selected programme.

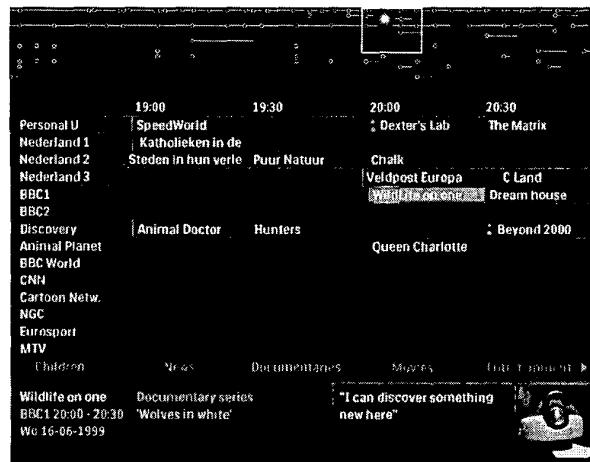


Fig.2 The STORit UI.

A first demonstration of the STORit prototype was given at the International Broadcasting Conference 1999 in Amsterdam.

myTV

Based on STORit, the myTV project aims to design and develop an interoperable DVB-compliant system with local storage implementing TV Anytime features. The first objective is to develop a consumer platform with built-in local storage. The second is to develop TV Anytime services that use local storage. Examples of such interactive broadcast applications include TV navigators, Web-TV convergence services, targeted advertising, and multimedia news services. The third objective is to provide true interoperability, both across different service providers and across different box manufacturers.

Basic issues to be addressed are: Who is in control of the storage capacity? The service or content provider, the consumer, both? What metadata needs to be standardized? How do we acquire content using that metadata, i.e. what content reference scheme do we use? How do we transmit TV Anytime data in a DVB stream?

CONCLUDING REMARKS

Adherence to open standards, as advocated in the TV Anytime Forum, ensures interoperability and a horizontal market. The resulting competition in boxes and services will result in higher quality and lower prices for the consumer.

Co-operation between equipment manufacturers and content or service providers will lead to a *low-cost* implementation of TV Anytime.

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