

C-11: In-vision teletext for television broadcasting in Sri Lanka using available technologies

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The objective of this study was, to see the possibility to introduce Teletext concept to Sri Lanka using the current technologies of Rupavahini Corporation. The form of Teletext that was developed is called in-vision teletext where viewer does not have to possess a special decoder.

A system configuration was drawn and a prototype Teletext database was developed using dBase III application program on a Personal Computer (PC). It has the facilities to update the database, create news and information magazines, delete old magazines and to bring the magazines on air. When the programme is on the air, it brings the magazines on air page by page in continuous basis. At the end of the magazine, it goes back to the first page.

Every page will be on screen for an adequate period of time for a viewer to read through the page. It is also possible to develop the program further, to facilitate the database update on-line, i.e. while the programme is on the air, magazines could be updated.

The same concept was implemented by MTV Channel (pvt) ltd., for their "STOCK LINE" programme which brings stock market information live on air from a stock broker.