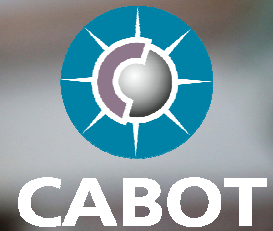


# DVB Core



Cabot's DVB Core is available as part an integrated middleware solution or as a component plug-in. It has been designed and tested to deliver progressive cross-market functionality within the shortest possible development time.

## A single DVB solution for the global marketplace

Divergent digital television standards and regulations make it problematic to release one solution throughout the global marketplace. However, multiple product variants are costly and increase time to market. Cabot's DVB Core, known as Eclipse, is pre-integrated with all the different DVB profiles in use in various countries around the world and can be used in a range of digital devices such as:

- **STB**
- **DVR**
- **IDTV**
- **DVD**
- **Blu-Ray or DVD-Recorders**
- **Hybrid Solutions such as IPTV/STB/DVR/TV**
- **Personal Media Players**

In addition, Eclipse supports every DVB transmission network: DVB-S/2 (satellite), DVB-C (cable) and DVB-T/2 (terrestrial). This provides Cabot customers with the ability to deploy a single software stack across multiple markets, a distinctive competitive advantage.


## Rapid product development

Eclipse is a portable modular DVB Core that it is fully hardware and operating system independent. It is already deployed on over 25 million digital receivers over a comprehensive range of brands as a pre-integrated turnkey solution. In addition, robust and proven Application Programming Interfaces (APIs) are available to enable rapid integration onto new hardware platforms and the easy creation of new User Interfaces (UIs). As a result, Eclipse can significantly shorten product development time enabling products to reach the market in the shortest possible time and at a lower price, enabling Cabot customers to achieve economies of scale.

## Advanced technical feature set

As well as enabling devices to be developed quickly and at low cost, Eclipse provides access to an advanced technical feature set, a distinctive advantage for customers seeking product differentiation in a highly competitive marketplace. As well as all the standard DVB Core functionality such as full EPG, parental control and programme genres, Teletext and subtitles, Eclipse also includes support for:

Complete the digital experience

- 
- Single or multiple tuners across a wide range of devices such as IDTV, DVR, STB
  - A variety of internet based functionality including web browser
  - Full widget library management solution together with sample Widgets
  - Support for UI applications defined using SVG or proprietary UI tools
  - Full TV control functionality for picture, sound and interactive services for both analogue and digital services through a single software stack
  - Sophisticated CI+ content protection
  - Pre integrated conditional access solutions
  - Advanced MHEG functionality including HD support and Return Channel
  - Access to external mass storage devices with Enhanced Media Browser enabling display and playback of audio, video or picture content downloaded from the internet or content held on a camera or any other USB mass storage device
  - Dynamic plug & play DVR Ready functionality enabling consumers to easily upgrade a device which does not have an internal Hard Disk Drive (HDD) to having DVR functionality using an external HDD, such as a USB mass storage device
  - Seamless software updates using DVB SSU
  - Dolby Digital (AC3) audio

Cabot middleware supports industry standards such as Freeview+, Freesat and Boxer.

### Future Development

As part of Cabot's continuous technological development roadmap, Cabot is currently exploring the development of 3D UIs which could be supported via any open standard such as Flash, OpenGL, OpenVG or MHEG. A concept 3D UI demonstration can be made available on request. In addition, Cabot's 2.0 DLNA solution will provide Cabot customers with a distinctive value-add proposition, enabling differentiation and expansion across product lines and the provision of functionality for which consumers are willing to pay a premium.

Cabot software enables a variety of internet based functionality for a wide range of digital TV devices.

**Cabot's product road maps are continually evolving so for the most up-to-date information regarding product functionality please visit our web site [www.cabot.co.uk](http://www.cabot.co.uk) or contact us via any of the methods listed below:**

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