

## Multi-purpose SD video data inserter



### Multi-input data insertion challenges

Broadcasters and service operators need to be able to quickly and easily insert subtitles and other data, such as identity logos, across multiple formats and channels without a second thought.

Although provision of subtitles is a core requirement for broadcasters, budgetary and other operational issues mean that the ideal solution would offer multiple functions in a single unit, saving rack space and money. Third party network operators also have a keen eye on costs, with ease of integration high on the priority list.

Inserters are constantly required and with the trend towards outsourcing of network operations, manageability and reliability are becoming key issues.

### Softel – The broadcast experts

With three decades of broadcast experience and the heritage of products such as the well known SE3005 encoder, Softel are well placed to address these requirements.

vFlex from Softel is a new generation of encoder that is able to insert Teletext subtitles in VBI, as well as other types of data insertion such as WSS wide-screen signalling. Powerful enough to handle virtually any task, vFlex can also perform graphics keying – overlaying captions and bugs onto SD video.

### Save time and rack space

vFlex is a flexible multi-purpose device that is packaged in a 1U rack mount configuration, enabling the broadcaster or service operator to reduce or optimise rack space requirements. Saving rack space means less square footage in the equipment room. It also translates into reduced power consumption and cooling requirements, further reducing costs.

Manageability is enhanced with Gigabit Ethernet connectivity enabling remote configuration and monitoring. This, along with support for Softel's XAP protocol for monitoring, dramatically reduces management overhead and allows operators time to be used more efficiently and cost effectively. vFlex also features a dedicated front panel with status LCD and quick access buttons.

### Benefits

- Cost effective multi-purpose single unit solution
- VBI, VPS, WSS, Cueing and other ancillary data
- High reliability design: dual PSU, dual network
- Web GUI for remote management

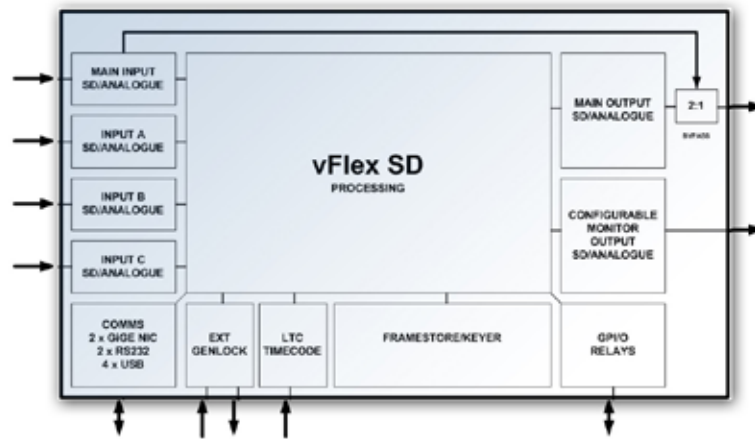


## High availability

Because there are more important aspects of operations to focus on, vFlex has been purpose built with the demands of broadcast in mind. As well as the efficiency and manageability of the unit, high availability is designed-in with dual power supplies and dual Ethernet.

## Flexible configuration

When designing vFlex we've ensured that it not only easily integrates with existing infrastructure, but also supports the widest possible range of functionality in a single unit, reducing complexity and costs. This flexibility extends to advanced features such as Teletext regeneration, cueing and locally triggered events, for example simple logo insertion. Inputs can be either serial digital or analogue video and can be frame asynchronous to the timing of the main video signal. The diagram below illustrates the flexibility of inputs and outputs which also include opto-isolated GPIO and relay.



vFlex dimensions	
Width	440mm (19" rack mount)
Height	44.5mm (1U)
Depth	548mm
Weight	7.5Kg (Unit) / 9.5Kg (Shipping)

## Softel integrated broadcast solutions

The vFlex multi-function inserter is part of a family of broadcast products from Softel that include the Swift end-to-end subtitling/captioning solution, from workflow management and subtitle creation through to time-of-air insertion and monitoring. Contact Softel to find out more or visit our website at [www.softel.co.uk](http://www.softel.co.uk).

## Maintenance, support and services

Support is always a key component when creating an integrated solution, that's why in addition to providing full consultation when delivering a solution, Softel also offers in-house expert support. A tiered range of support options are available, spanning from simple software updates to full 24 x 7 x 365 telephone and on-site support. To discuss your support requirements in more detail please contact your Softel sales representative.

Due to continuous enhancement and development by Softel, product features, designs and specifications are subject to change without notice. Please contact Softel to confirm details of any required functionality or specification. © Copyright Softel Group 2009

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