

# Fact Sheet

## Teletext editing, management and playout

### Cyclone

#### Teletext solutions from the experts

Softel have a rich heritage of Teletext solutions, which along with subtitling, is a core competency of the company. With three decades of broadcast experience, Cyclone from Softel distils this expertise and experience into the most complete, cost effective Teletext solution available today.

Cyclone is an integrated suite of technologies that encompass the Flair Editor, web portal, content management database and Cyclone TX Teletext transmission unit.

Leveraging modern networking technologies and the Microsoft Windows Server platform, each component in the solution has been designed for maximum flexibility and ease of use. Migrating to the Windows platform can also help ease management issues associated with running older systems, while ensuring stability.

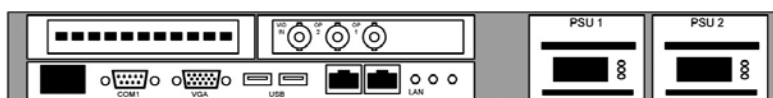
Automation and scripting, with support for common data formats such as XML, streamlines the creation and updating of page content to further save time and money. The Softel XML schema is available on request.

Use Cyclone TX in combination with the Softel vFlex SDI inserter, which includes facilities for Teletext insertion, opt cuing and bridging with input stream monitoring and switching.

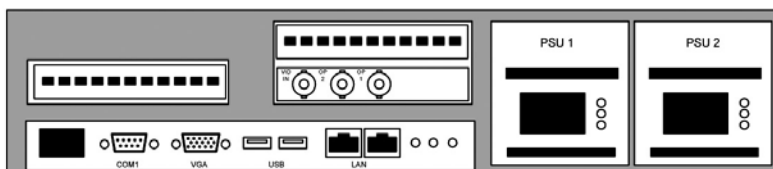
#### Key features

- Proven technology, powering some of the largest Teletext systems in the world
- Scalable, flexible configuration from single unit to multi-unit master/standby
- Supports web technologies for remote management and editing
- Leverages Microsoft Windows networking and high availability features
- Up to 8 streams per unit

### Cyclone TX (SE1038) Unit Back Panel Connections



DELL 1950 Cyclone



DELL 2950 Cyclone

**Cyclone TX (SE1038, Dell) Unit Environmental Specifications****Environmental**

- Operating Temperature: 10° C to 35° C (50° F to 95° F)
- Storage Temperature: -40° C to 65° C (-40° F to 149° F)
- Operating Relative Humidity (non-condensing twmax=29C): 20% to 80% non-condensing
- Maximum humidity gradient: 10% per hour, operational and non-operational conditions
- Storage Relative Humidity: 5% to 95% non-condensing (twmax=38C)
- Operating Vibration: 0.26G at 5Hz to 350Hz for 2 minutes
- Storage Vibration: 1.54Grms Random Vibration at 10Hz to 250Hz for 15 minutes
- Operating Shock: 1 shock pulse of 41G for up to 2ms
- Storage Shock: 6 shock pulses of 71G for up to 2ms
- Operating Altitude: -16 to 3,048m (-50 ft to 10,000 ft)
- Storage Altitude: -16m to 10,600m (-50 ft to 35,000 ft)

**Chassis**

- 1U (1950) or 2U (2950) Rack-mountable chassis
- 1950 - 30.4" (77.2cm) D x 16.7" (42.6cm) W x 1.67" (4.26cm) H
- 2950 - 29.79 in (75.68 cm) D x 17.6 in (44.7 cm) W x 3.40 in (8.656 cm) H
- Rack Weight: Dell 1950 35.8 lbs (16.3 Kg), Dell 2950 59 lbs (26.76 kg), maximum configuration

**Power**

- 670 Watt (1950) or 750W (2950) hot-plug PSU
- Redundant 670 or 750 Watt power supplies
- Power monitoring
- AC power supply (per power supply) 670W
- 90–264VAC autoranging, 47-63Hz, 10.0A (at 90 VAC)
- Heat dissipation 2697 BTU/hr (maximum)
- Maximum inrush current: Under typical line conditions and over the entire system ambient operating range, the inrush current may reach 55 A per power supply for 10 ms or less.

**Batteries**

- System battery CR 2032 3.0V lithium ion coin cell
- RAID battery (optional) 4.1V lithium ion battery pack

**Softel integrated broadcast solutions**

Cyclone is part of a family of broadcast products from Softel that include Swift subtitling/captioning solutions and MediaSphere interactive television playout. Cyclone can be integrated with MediaSphere to enable repurposing of Teletext content for digital television services. 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, known as Softel Care, 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 account manager.

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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