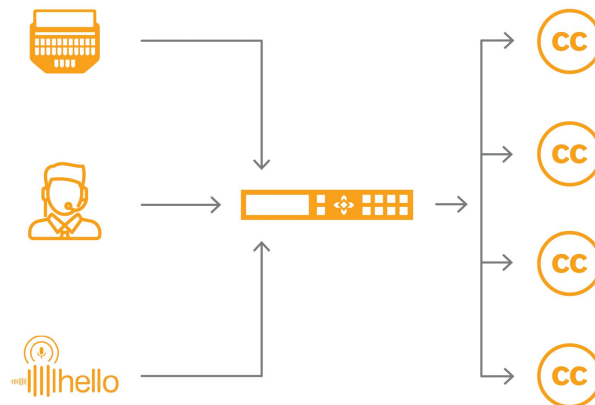# MATRIZ CC

The **Closed Caption Matrix** is a simple solution to establish connections between many inputs like stenotype service providers and re-speaking or automatic recognition systems to one or more outputs (inserters) using network interface (IP).

It is web based and has monitoring and control pages for complete operation and real time captioning decoding from every input and return available from interfaces like SDI, Serial or IP.

Also, it's possible to download reports with Closed Caption counting hours, how much time each provider was connected to the inserter and what was transmitted in SRT and SCC formats. It's already integrated with Magellan (Imagine/Harris) RCP-32LCD button panel and Pebble Beach automation, allowing other way of operations.

FEATURES

- ◥ Supports CEA-608 and Control-A protocols.
- ◥ Up to 18 Inputs.
- ◥ Up to 8 Outputs.
- ◥ Up to 8 Returns from Serial (RS-232), IP(Control-A over TCP) or HD-SDI (CEA-708).
- ◥ WEB Interface for Management and Operation, including virtual button panel.
- ◥ Inputs and Returns real time monitoring (CC decoding).
- ◥ Closed Caption decoding from interfaces: IP, HD-SDI, RF ISDB-Tb (ARIB) and Serial.
- ◥ Closed Caption download in SRT and SCC formats.
- ◥ Reports with Closed Captioning counting hours and how much time each provider was connected to a inserter.
- ◥ Remote operation through Magellan (Harris) button panel using RCP (ethernet).
- ◥ Integration with Pebble Beach and others automation systems.
- ◥ Master-Slave Redundancy system.

VIDEO INTERFACES

SDI - 3G / HD / SD - INPUT VIDEO

- SMPTE: S292, S274 (1080i), S296 (720p) e S259 (NTSC e PAL).
- Conector BNC 75 Ohm.
- Closed Caption decoding (CEA-608/708).

RF - ISDB-Tb - INPUT

- ISDB-T Tuner: VHF/UHF 174 a 806 MHz (7 to 69 channels) frequency.
- Closed Caption decoding (format ARIB-B24).

OTHERS

COMMUNICATIONS

- Ethernet: RJ-45 (2 interfaces minimum).

ENVIRONMENT

- Temperature: 0 a 50 °C.
- Humidity: 10% a 90%.
- Power: 250 Watts.
- Input: 127/220 VAC 50/60Hz.

MEASUREMENT

- Dimensions 19,5 x 1,6 x 17,8 (em polegadas) (w x h x d).
- Weight: 4 Kg.