

Network interface box for accounting and payment of copies and prints



The **Cartadis Multifunction Interface (CMI)** is a network connectable box for the link between the GESPAGE print server and a MFP, a copier or a printer. This generic interface is compatible with most of the MFPs or copiers on the market.

The **CMI** is generally used with a user identification system like a card (contactless, barcode or magnetic) reader. The **CMI** is software designed to be easily integrated with other solutions by means of the web link.

The CMI enables

- The setting up of a secure print system (print, copy or scan release after identification on the multifunction).
- To limit the use of printers and multifunctions according to a predefined quota.
- To interface with 99% of the brands and models of network printers and MFPs.
- The local or global Print@Me function is the redirection of the print flows to the MFP of a same server or remote print servers.
- The sending of information on use (print, copy and scan) to the GESPAGE server.
- A quick identification thanks to the various card readers available:



TCM3: HID or Mifare card reader



TCM2: HID and Mifare card reader

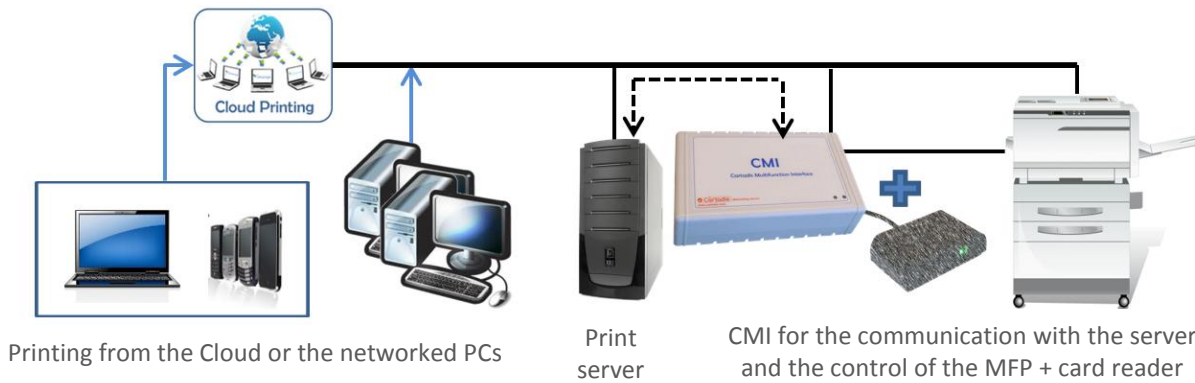


TCBK01: Barcode card reader



TCMAG1-USB: magnetic card reader

Scheme of a networked configuration with a CMI



Input / Output connectors

1. Networks connectors

Two 10/100Mbps Ethernet ports which are auto MDIX (auto crossover detection) and are connected to a built-in network switch.

2. MFP or Copier connectors

✓ A Sub-D-15 pin *parallel connector*. This connector is compatible with the **Cartadis** standard and so is compatible with the set of **Cartadis** interface cables for copiers.

This connector features:

- . a) three opto-coupled input,
- . b) two output relays.

✓ A *Konica Minolta* dedicated connector.

✓ A general purpose RS232 connector which can be used to be connected to a CANON MFP with the *CANON serial protocol*.

3. Card reader connectors

✓ A RS232 port connected to a RJ12 connector is intended for the communication and power supply to a card reader. The card reader is either an identification card reader or a debit card reader.

✓ A WIEGAND serial port for card reader compatible with this well spread standard.

General purpose

- ✓ An USB connector for the connection of an USB key for software upgrades or parameters settings.
- ✓ A Jack connector for the +24VDC power.

Specifications

- ✓ External power supply 24 V DC, 1A, supplied.
- ✓ Dimensions: L 180 x H 40 x l 115 mm.
- ✓ Weight 0,540 kg.
- ✓ Protocoles: IPV4 / TCP / UDP / SSL / ICMP.



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