

PASSCHIP

24/24 access by contact CHIP or contactless NFC

**CONIC DESIGN PRODUCES THE WORLD'S FIRST BANK ID SMART ACCESS CHIP
READER FOR SELF SERVICE AREAS.**



PASSCHIP – SOLUTION OVERVIEW

Specially designed for advanced 24h self banking zones or high security spaces: ATM lobbies, treasuries, boxes of values, etc.



How it works and solution features

- The customer uses its bank card in order to have an authorized entrance into the bank subsidiary or self service area
- The access selection is performed according to one or more selected criteria by the solution administrator such as: Name / Surname mentioned on the credit card (**BLACK LISTS may be implemented**)
Last four digits of the credit card number
Type of credit card (Visa, Visa Electron, Visa Business, Visa Gold, Maestro....) Card expiration date. BLACK LIST is possible
- Communication with users / card owners is ensured by text messages and pictures according to the chosen language
- The equipment can simultaneously display a text message in more languages
- The events history can be internally accessed and managed by the bank security administrator

PASSCHIP – BENEFITS AND ADVANTAGES

BENEFITS FOR THE BUSINESS

Improved customers protection and comfort during self-service procedures

Card reading by contact CHIP or contactless NFC

Reduced rate of incidents at ATMs and high security areas

Increased security level – higher protection of banking assets against unauthorized usage

Strong and stable access control platform

Ethernet instant history reports of access events

Excellent Return of Investment rate

Reduced costs with guard patrol service, customer care and transportation

Proven long live service in any environment Increased Bank's image

ADVANTAGES OF PASSCHIP

Access of programmable groups of users as decided by system's administrator;

Configuration to allow access for any credit card's owner depending of the bank's own security policy

Equipment connectivity to any new or existing access control platform using the most commonly used data formats: WIEGAND and/or Ethernet IP
Solution integration with CCTV, fire and intrusion detection through any security platform

Built in vandal proof concept, with a very strong stainless steel case with opening tamper and a specially protected LCD screen

Advanced graphical user interface through any written language

On line software upgrade

On line Black List

On line reports

PASSCHIP – DIFFERENTIATORS

- Passchip is the single worldwide control access solution for self banking, dedicated to CIP based cards; all the other control access solutions use the reading technology of magnetic cards

- **The advantages of reading the CIP based bank cards:**

The information extracted from CIP based cards is more difficult to clone

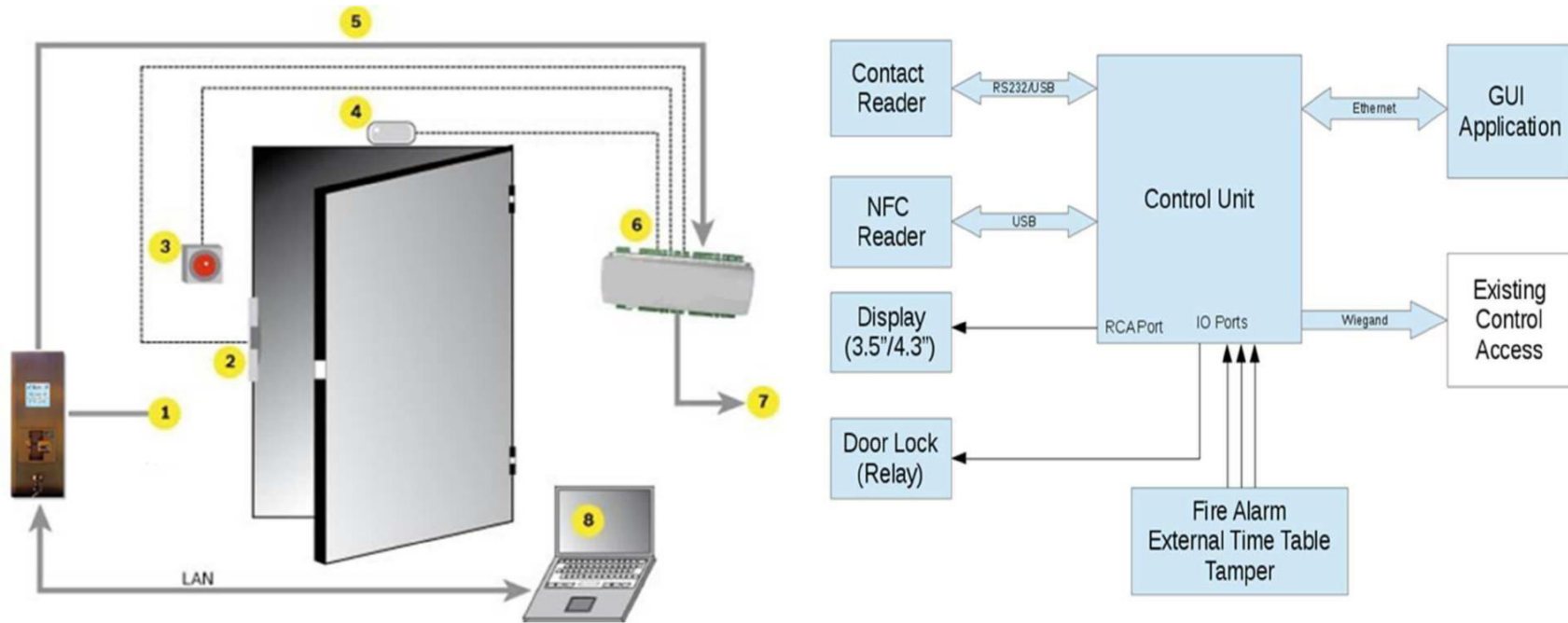
The information from CIP based cards is almost impossible to replicate illegally

CIP technology does not give reading errors

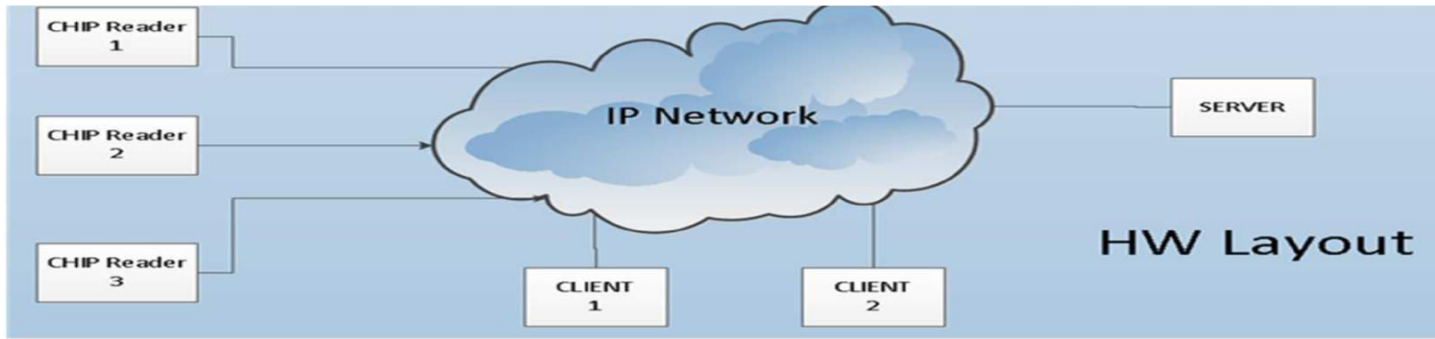
CIP technology cannot deteriorate in comparison to the magnetic band cards, which has a limited number of readings

The magnetic cards technology is closing to an end in Europe

PASSCHIP – TECHNICAL OVERVIEW



ADMINISTRATION SOFTWARE



The screenshot shows the administration software interface. At the top, there is a menu bar with 'File', 'Settings', and 'Help'. Below it is a navigation bar with several tabs: 'Authentication Required', 'Password Change', 'Operator', 'Location Management', 'PASSCHIP Profiles', 'PASSCHIP Configuration', 'User Management', 'License', and 'Server'. The main area is divided into several sections:

- Profiles:** Includes 'Add', 'Delete', and 'Save' buttons, and a 'Default' section.
- Readers:** Radio buttons for 'Contact' and 'NPC'.
- Inputs:** Radio buttons for 'External Timetable', 'Fire', 'Tamper', and 'Door Sensor'.
- Outputs:** Radio buttons for 'Wiegand' and 'Relay'.
- Display:** A dropdown menu set to '480x272', an 'Image Select' button, and a dropdown menu set to 'insert_card'. Below are 'Edit Message' and 'Preview Messages' buttons.
- Timers [s]:** Input fields for 'Door' (set to 3) and 'Lost Card' (set to 10).
- Application Version:** A dropdown menu set to '1.0.0'.
- Timetable:** A grid showing days of the week (Monday to Sunday) and hours (00 to 23). Monday and Tuesday are blue, Wednesday to Sunday are red, and Special Days are grey.
- WeekDay:** A dropdown menu set to 'Monday'.
- Date:** Input fields for 'Start Time' (12:00:00 AM), 'End Time' (12:00:00 AM), and 'State'. Below are 'Reset' and 'Save' buttons.
- Special Days:** Input fields for 'Date' (1/1/2000) and 'Special Days' (1/1/2015). Below are 'Add' and 'Delete' buttons.
- AID:** A list of AID values: 'A0000000031010 - Visa credit or debit', 'A0000000032010 - Visa Electron', and 'A00000002501 - American Express'. Below are 'Add', 'Delete', and 'Save' buttons.
- Blocked:** A list of blocked card numbers: '1734567890123456 - Vandal' and '4662 - Bank'. Below are 'Add', 'Delete', and 'Save' buttons.

At the bottom left, there is a user icon and the name 'Ion Popescu'. At the bottom center, there is a 'Specific Message' indicator. At the bottom right, there is a 'Server Connection' indicator with a green status icon.