



Personalised access to automatic distribution of articles prohibited to minors...

Technology is constantly moving forward and most services are now managed by automated machines. Vending machines are the most popular example and are used to sell a wide range of products. For example: cigarettes, alcoholic drinks, sex items, scratch and win tickets, as well as many others...

But it should be noted that these machines provide the opportunity for everybody to buy the stored items even if some of the said items cannot be sold to underage individuals.



Usually the machines have a card reader that is able to read the client's date of birth in order to verify the client's age. The cards which can be used include the identity card (in electronic format), the national health card, the provincial or regional health card, the tax code card...

In actual fact, from a survey, we have confirmed that in some instances, these readers accept any type of card which, in its memory, contains data that can be interpreted like the date of birth. It was even possible to purchase pornographic material by simply using a Points Card of a well-known supermarket chain or even through an expired health card or a card belonging to a deceased person!

In these last two instances it is easy to understand that a minor could have come in possession of one of these cards in order to gain access to the prohibited services.

The regulations are in force but it is very easy to bypass them.

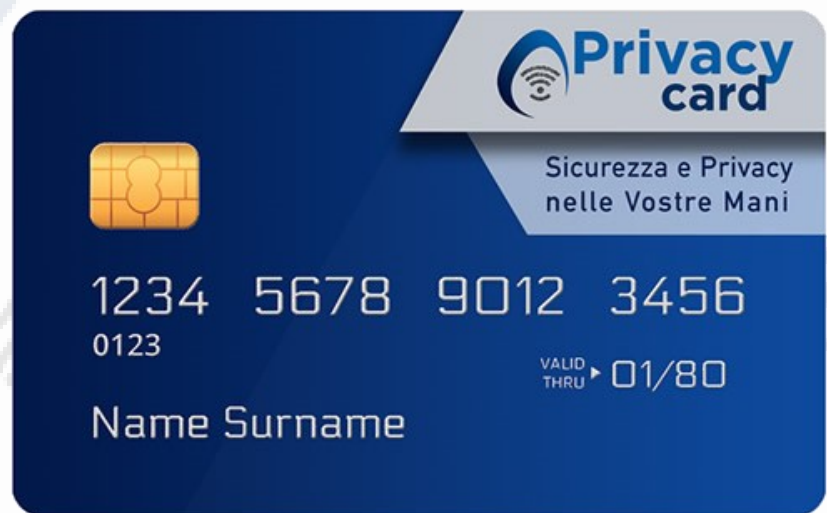
The main problem, in the operations carried out through an automated machine, arises from the fact that the card and user are two separate entities. The card could be valid but the user is not the actual owner.

In order to better understand the PrivacyCard functions...

| CLASSIC PROPOSALS AND PROBLEMS | WITH THE PRIVACYCARD |
|---|---|
| The health card can be used improperly since any person, minor or adult, coming in its possession can utilise it. | PrivacyCard ensures that the person inserting the card is its legitimate owner, due to the fingerprint validation. Therefore only adults will be allowed to use these machines. |
| Collection of sensitive data related to employees and compilation of a large number of GDPR forms. | Our card is fully compliant with the Privacy Protection regulations since all the data is owned by the user. The archived data or database is not memorised. |
| The classic card readers used in any machine are able to read any data inserted in the card (health or any other type), thus any person would be able to save the said data and use it illegally. Moreover, part of the data, like the user's date of birth, can be read and would allow any person to make use of the provided service (even if this is prohibited to minors). | PrivacyCard ensures that the data on the card can only be read by specific readers. It is the same reader which "filters" the data, on the card, in order to provide only the data that is strictly required to execute the desired operation. For example, the cigarette machine reader will only provide the user's date of birth without giving any other data, like gender, address, etc.. |

The feature, that we have patented internationally, which makes us unique is provided by an extraordinary specific technique: the system entails the management of biometric data, which are very sensitive and valuable, since they are unique, totally offline, for the collection and verification phase, by always remaining in the possession of the owner without the possibility of being used in case of negligence. Therefore, the system ensures maximum protection of the specific data thus avoiding storage, transfer and processing issues, which would be contrary to the stringent European Privacy regulations.

The 100% secure biometric card!!



PrivacyCard, personal and secure, has been created to protect the citizen's privacy.

It ensures that the user is actually the card owner, and at the same time it does not provide personal information on the user!!

PRIVACY CARD - BIOMETRIC SOLUTIONS S.R.L.

REGISTERED IN THE SPECIAL SECTION FOR INNOVATIVE START-UPS

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