

## PSOCA

### Add On Mechanism Securing Credit Card Payments – patent protected / patent pending

#### Overview

The short name of the invention, **PSOCA**, stands for **Private and Secure Online Card Account**. PSOCA is intellectual property, which describes a mechanism that can be added to a credit card. With PSOCA a remote payment with a credit card e.g. over the Internet will be secure.

#### Compatibility

PSOCA uses the existing credit card payment infrastructure. Once PSOCA has been added to a credit card, payments can be instantly made to all credit card accepting merchants. A change to the merchants' credit card gateway/electronic data processing is not required. The accepting merchant won't even know that he just acquired a secure payment.

#### Credit Card Background

Credit cards were originally created for a customer-present payment. Authentication of the cardholder is performed by manual signature. Due to wide distribution and high acceptance of credit cards and their convenience, this payment method became the standard for payments over the Internet. The only but significant difference is: a customer is not present any more, he cannot sign the credit card slip, and therefore authentication is not possible.

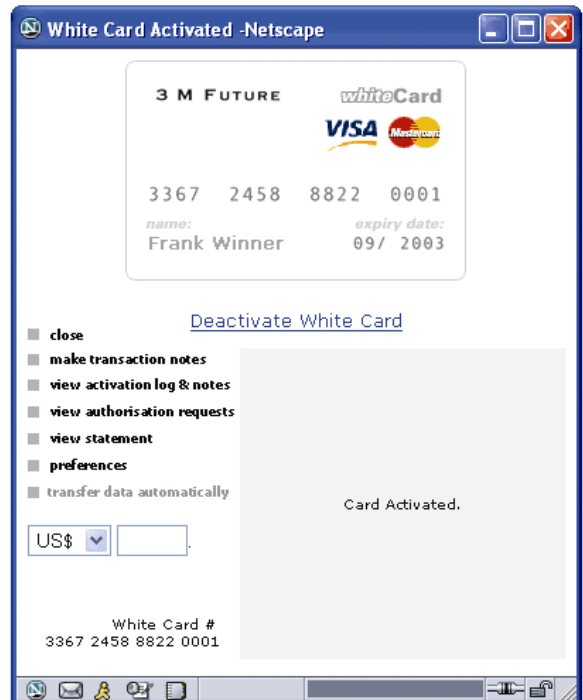
This leads to widespread fraud, consumer distrust and false disputes of Internet payments.

#### Function of PSOCA

A credit card secured with the PSOCA add-on allows the cardholder to activate her/his card when he wants to use it. After the process of a payment the card is deactivated. So, even if a third person can get hold of the credit card details all attempts of using the card will be declined, because the card is deactivated. Only the cardholder can activate the card and continue shopping. This activation is performed by an easy to use pin, solely operated by the cardholder.

#### Patent Protection

The PSOCA security mechanism is a crucial piece of intellectual property, and it is patent protected in the Republic of South Africa and patent pending in the USA and EU.



#### Benefits associated with PSOCA

1. **PSOCA is secure**
2. **PSOCA is easy to use**
3. **PSOCA does not require any merchant system conversion**
4. **PSOCA is therefore instantly compatible with ALL card accepting merchants**
5. **PSOCA is solely operated by the card issuing bank**

#### Further documentation is available, e.g.

- One-page information PSOCA Technology (B)
- One-page information PSOCA Mobile (C)
- PSOCA click-demo
- PSOCA web-based prototype
- Sample business case for Card Issuers
- Consumer marketing approach and material