

## The ChipNet3 Card



### Overview

Uniquely, ChipNet3 uses an ISO7816 contact smartcard, on which information is stored about the cardholder and their rights and privileges. Since the user carries this information with them, ChipNet3 has the advantage over traditional on-line systems, as a transaction can still be made at a ChipNet terminal, even if there is a network failure.

ChipNet3 smartcards are standard ISO credit card sized plastic cards and can easily be customised and printed as required. For instance a ChipNet card could feature a barcode, a magnetic stripe or the card could be printed with photographic ID. ChipNet3 does not restrict you to a specific type of smartcard, Infineer can provide a range of card platforms to suit the requirements of the specific site and the customer's budget.

**Entry Level Smartcard** – These simple, cost effective, memory cards are ideal for sites with a large number of cardholders or turnover in cards. The entry level smartcard uses an *Enhanced Security* version of the SL4442 ISO7816 256 byte chip from Infineon.

**Microprocessor Card** – Where a flexible card platform is required multi-application microprocessor chip smartcards are popular. These cards allow the customer to easily manage a number of separate applications on a single card. For instance cashless payment and security data or logical access tools. ChipNet can be ported onto any ISO7816 microprocessor card and acceptance of several popular card types such as MPCOS, Payflex and Java are included as standard.

**Combination Cards** – Where the customer wants his cashless payment card to also be used for Physical Access Control, it is popular to issue a Combination Card which features a contact chip mounted in a proximity smartcard. The contact chip provides the transaction security needed by the cashless system and the proximity element provides the speed and ease of use necessary for an effective access control system. Infineer can provide contact chips embedded into many standard proximity cards including Legic, HID and MIFARE

Talk to your ChipNet3 supplier to find which card suits your requirements and to explore the range of additional features and card accessories that can be provided.

**ChipNet3 – Putting Smartcards to Work!**