

# French Health Professional Card



## Health market

Since 1993, GIP-CPS<sup>1</sup> is responsible for certifying identities and professional qualifications in the world of electronic information systems for healthcare. GIP-CPS issues to each health professional an identity smartcard, which allows him to be recognized in a safe manner by applications or other industry professionals.

Given the technological evolution of the smartcard market and the desire to bring new services and up-to-date security to the health professionals, GIP CPS has selected Oberthur Technologies to work together on the next generation of cards, implementing contactless usage and authentication and electronic signature functionalities based on the European Citizen Card (ECC) specification.

Oberthur Technologies will deliver the second generation of professional health cards for the next five years.



Oberthur Technologies has been selected as the sole supplier for the full service: product development and security certification, manufacturing of the 19 specific artworks (generalist, pharmacist, physiotherapist, nurse...) in its plant in Vitré, France, and personalization in its bureau in Dijon, France.

<sup>1</sup> GIP-CPS: Le Groupement d'Intérêt Public - Carte de Professionnel de Santé / Public Interest Group for Professional Health Cards

## THE SOLUTION

In order to comply with all requirements of GIP-CPS, Oberthur Technologies offers a tailored solution based on up-to-date standards and state-of-the-art security.

The main objective of this new card is to allow the development of new services and applications for professionals, while guarantying the interoperability between the previous system (based on CPS2ter) and IAS standard for French administration and European convergence of healthcare professional cards.

Professionals and patients will benefit from this new card which will contribute to the simplification and reduction of administrative tasks.

The product is based on the ID-One™ Cosmo v7.0 Large Dual interface javacard platform, embedding IAS-ECC application and a dedicated proprietary application based on the GIP-CPS specifications.

This product will be Common Criteria PP-SSCD EAL4+ certified to ensure the highest level of security for healthcare professionals.

### TECHNICAL FEATURES

- Based on a 128kbytes of EEPROM Oberthur Multiapplicative JavaCard GP 2.1.1 and JavaCard 2.2
- State-of-the-art built-in security architecture
- On-board RSA key generation up to 2048 bits
- Can be easily integrated in PC environment including PKCS#11 and Microsoft CSP
- Authentication, encryption and electronic signature services based on IAS-ECC specification
- Common criteria EAL4+ Protection Profile SSCD Type 2 & 3
- Dual interface cards with long lasting PET-F plastic, integrating European requirements for health professional cards

### FUNCTIONALITIES FOR THE HOLDER

- Contact & contactless usages
- Authentication on medical applications
- Qualified electronic signature non-repudiated
- Physical access control



Oberthur is the leader in the health market in France as the sole supplier of the three types of health cards:

- for patients (based on Sesam-Vitale2)
- professionals (GIP-CPS project)
- insurances (supplying DUO card for GIE-SINTIA)