

# SpringCard<sup>®</sup>-CF

## Compact-Flash smartcard reader



**Pro-Active' SpringCard-CF** is a Compact-Flash smart-card reader suitable for **PocketPC** PDAs.

**SpringCard-CF** is the perfect framework to build any **PocketPC** application that embed smartcard technologies.

### SpringCard-CF highlights :

- ✓ **ISO** smart-card reader slot + inside **SIM/SAM** connector.
- ✓ **GemCore** chipset, giving access to :
  - ✓ microprocessor cards **ISO7816-1,2,3,4 (T=0, T=1)** 3V / 5V.
  - ✓ Memory cards (**2W, I2C**).
- ✓ **Compact-Flash** type I **format**.
- ✓ Connect to **PocketPC** handled through the **Compact-Flash** slot (iPAQ, Jornada, Cassiopéa <sup>1</sup>)...
- ✓ Super-slim format.
- ✓ Directly powered by the **PocketPC**.
- ✓ **Plug and play** support <sup>2</sup>.



### Create your own SpringCard-CF application

- ✓ **Development kit** available.
- ✓ **PC/SC** compliant API for an easy software porting.
- ✓ Sample source code for **Embedded Visual Basic 4.0** and **Embedded Visual C++ 4.0**.

### Pro-Active can also design and develop your own SpringCard-CF based application !

1 : for some PocketPC the Compact-Flash slot is available through an optional hardware extension  
2 : tested on MIPS PocketPC 2000 and ARM PocketPC 2002

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# Pro Active<sup>®</sup>



#### A few applications...

- ✓ Hand-terminal for any smart-card system
- ✓ Virtual wallet
- ✓ Access control tags programming
- ✓ Authentication and cryptographic systems

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