

SpringProx-CF[®]

Compact-Flash ISO 14443

Contactless Reader



Pro-Active' SpringProx-CF is a contactless cards reader for **Compact-Flash** enabled handhelds.

SpringProx-CF gives your **PocketPC** full access to the **MIFARE[®]** world.

SpringProx-CF highlights :

- ✓ **Fully compliant** with **ISO-14443-A** standard.
- ✓ **Philips MF RC531** chipset, allowing developers to work also with **ISO-14443-B** cards.
- ✓ **Range : 0 cm → 2 cm max.**
- ✓ **CRYPTO 1** stream cipher unit and secure non-volatile key memory, full access to **MIFARE[®] Standard, Pro/ProX, UltraLight** and **DESFire** cards.
- ✓ Connect to **PocketPC** handhelds through the **Compact-Flash** slot¹ (iPAQ[®], Jornada[®], Cassiopéa[®], etc.).
- ✓ Super-slim format.
- ✓ Direct power by the **PocketPC**.
- ✓ **Plug and play** support².

SpringProx-CF Development Kit

Build your own SpringProx-CF application

Development Kit available, conforms to the Philips "Pegoda" API contains :

- ✓ MIFARE Desktop Reader/Writer - CSB-4S
- ✓ Software tools to control CSB-4S, Documentations (Data Sheet, Developers' Reference)
- ✓ Pro-Active SpringProx API as "**springprox.dll**" for different targets
- ✓ Sample source code for :
 - **Embedded Visual C++[®] 4.0**

Pro-Active can also design and develop your own SpringProx-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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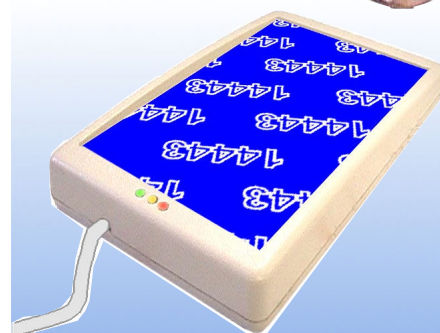
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ProActive[®]

A few applications...

- ✓ Ticketing
- ✓ Tracking
- ✓ Loyalty
- ✓ Access Control Tags Programming



CSB-4
MIFARE[®] Desktop
Reader/Writer

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