Single Badge Solutions for Identification and Access

Universal Software Developer's Kit (SDK)

For proximity, contactless, and mag-stripe cards

SDK for pcProx® Plus, pcProx® Enroll pcSwipe® Readers and Wiegand Converters

Product not included in SDK

Overview

The Software Developer's Kit (SDK) allows independent developers to give their application the ability to read access badge identification information directly off any of the more than one billion proximity, contactless and mag-stripe cards in use worldwide.

It supports the following common platforms:

- Card platform for nearly all proximity, contactless, and mag-stripe card vendors: Single SDK allows OEMs to choose cards/readers based upon application requirements and end user's existing cards
- Indoor/outdoor reader platform: SDK supports our Wiegand to USB/RS-232 converters, allowing connection to any Wiegand output device
- USB, RS-232 and Ethernet: Supporting all ports through an easy to use DLL interface or platform independent serial ASCII command protocol

The SDK is fully featured and easy to integrate. The Kit comes complete with source codes in .NET, C++ and Visual Basic. All operating system platforms and card formats are supported.

Benefits

- Create software applications, embedded device logon options or fully featured desktop security application for use of existing technology badges based on a platform of readers
- Identify users for productivity or QA tracking in manufacturing environments
- Reduce or eliminate user identification PINs or login requirements
- Use existing technology cards for cafeteria applications such as cashless vending point-of-sale cafeteria systems
- Identify where key assets are located, lower deployments, and increase utilization

WaveID® is the standard that enables badge-based reader solutions throughout the workplace. It gives a name to the many badge-based authentication and identification solutions powered by RF IDeas readers. In today's business environment, most employees carry badges for building access. WaveID in action is both the physical place for employees to wave their badge for identification, as well as a visual cue that an RF IDeas reader powers a specific device or solution.

Features

Platform Independent: Allows developers to provide a single application capable of working with nearly any proximity or contactless card being used by the end user.

Compatibility: Universal SDK supports all readers from RF IDeas, allowing OEMs to choose cards and readers based upon application requirements.

SDK Support: Source code examples are provided in .NET, C++, and Visual Basic.

Warranty: One year for material/workmanship defects; see complete policy for details.

Supporting Documentation

Commands Included: The pcProx Configuration utility shows all reader commands. The SDK includes the source code to the pcProx Configuration utility and thus the commands can be reviewed by downloading the pcProxConfig utility.

The utility can be downloaded from our website at: www.RFIDeas.com/support/downloads.

Part Numbers

Card Type	Software
iCLASS MIFARE	DK-7080-DOWNLOAD
Non-iCLASS or MIFARE	DK-PCPRX-DOWNLOAD

Note: SDK Reader/Converter not included.

Technologies

The Software Developer's Kit is compatible with all of the below:

- pcProx Plus
- pcProx Enroll 125 kHz & 13.56 MHz
- pcSwipe
- Wiegand OEM Converter

RF IDEAS

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