



# Penbex OS™

## The Standard Operating System for Handhelds and Mobile IA Products

**W**ith expandability, mobility, and simplicity, Penbex OS™ is the most powerful, most efficient operating system for handhelds and mobile IA products.

More and more manufactures, OEM/ODM customers, distributors, system integrators and ISV/IHV 3<sup>rd</sup> parties choose to join Penbex World to have a good start in global market. Why? Because Penbex OS™ has friendly interface, Penbex OS™ can support growing expansion needs, Penbex OS™ offers end-users and enterprises the fastest way to retrieve first-hand information from internet and Penbex OS™ also supports multi-languages, so no matter who you are, there is no language barrier to enjoy using PDA.

### Core Technology of Penbex OS™

#### Penbex OS™

Penbex OS™ has been designed to be extensible and flexible for accomplishing user needs. The open platform allows all of our business partners and developers to innovate new products and applications for a rapidly expanding market.

#### Penbex SDK

Software developers can develop over thousands of applications with Software Development Kit (SDK) on Penbex OS™.

#### Penbex Development System

Penbex Development System provides completed information including design, production and consulting service to OEM/ODM manufactures.

#### Penbex Application and Service

Penbex provides a total solution to manufacturers, OEM/ODM customers, distributors, system integrators and ISV/IHV 3<sup>rd</sup> parties, such as information consultant, training courses and technical supports.



*Life Connected.*

# PenbexOS™ Features

## Open Platform

1. Provide free SDK including Open APIs, PDA emulator and GNU compiler
2. Downloadable Applications from website (<http://download.penbex.com>)

## Full Screen Handwriting Recognition

1. Penbex Script  
Easy to write, Numbers, Letters, and Symbols

## Double-byte Character Handling

1. Built-in Localization and Internationalization Capability
2. Optional Chinese/Japanese/Korean Handwriting Recognition Engine

## Unlimited Expansion

1. Support CompactFlash  
(Memory/Modem/GPS/Barcode Scanner/Micro Drive/CF Serial)
2. Support Memory Stick/Secare Digitail/Multimedia Card

## Wireless Communication

1. IR Beaming-Data Exchange with PC, Mobile Phone, and PDA
2. Full-function TCP/IP with Email and Web Browser
3. Support GSM, CDPD, PHS, GPRS, Pager

## Multimedia

1. Voice Record and Play Back
2. MP3
3. Support Color LCD

## Multilingual Localization

1. Support English, Italian\*, French\*, Spanish\*, German, Traditional Chinese and Simplified Chinese versions

## Data Synchronization

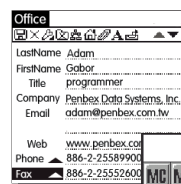
DirectSync® technology can synchronize data, such as Address, Schedule, Note, Todo and Money, between Penbex OS™ powered PDA and Penbex PIM or another PIM such as Microsoft Outlook 2000.

## Support Java KVM

## Support E-Commerce/E-Banking Security System

## Support File System & Database Management

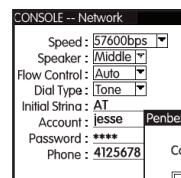
## Default Applications



Address



Calculator



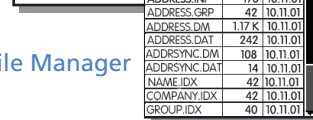
Console



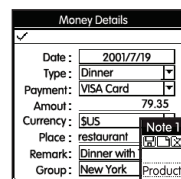
DirectSync



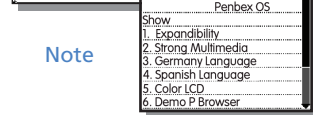
Email



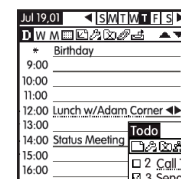
File Manager



Money



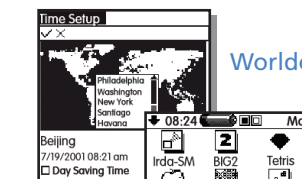
Note



Schedule



Todo



Worldclock

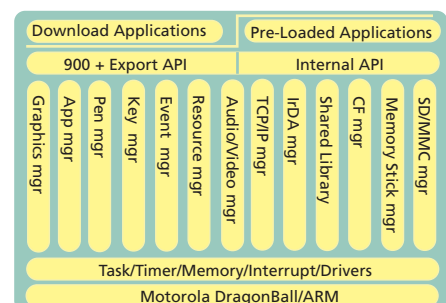


Games

## Other Applications

SMS, E-book, Browser, E-dictionary, GraphicNote, Shorthand, MP3, Recorder, Games, Tools, ...

## Penbex OS™ System Architecture



\*\*\* available on Q1, 2002

