

mobile and embedded solutions
product data sheet



#### µPhone Applications

µPhone Telephony Suite includes the following applications:

- Voice dialer
- Phone status monitor
- Call log viewer
- Configuration Control
   Panel applets
- Text message (SMS) manager
- Dial from PhoneBook

# µPhone standard user interface

Intrinsyc Software are experts in mobile software integration and offers a wide range of professional services for customization and implementation of the  $\mu$ Phone Telephony Suite to enable you to deliver your specific handheld solution to market quickly.

#### Benefits

- Affordable instant telephony suite for handhelds using Windows CE .NET and Windows Mobile Software for Pocket PC
- Fully customizable user interface makes creating your unique product fast and easy
- Includes support for a wide range of existing modems and an API for rapid deployment on any hardware
- Comes in a small footprint important for handhelds and their constrained resources
- Reduced development risk, cost, and time to market
- Improved competitive positioning

## µPhone Telephony Suite for Windows CE

Low-cost customizable telephony solution for wireless handhelds



## **introduction**

Intrinsyc Software's  $\mu$ (Micro)Phone Telephony Suite is a highly portable and customizable set of telephony drivers and applications that dramatically reduce the time and cost associated with bringing a telephony-enabled mobile embedded device utilizing Microsoft's Windows Mobile Software to market.

## \* A fully customizable telephony package

The  $\mu$ Phone Telephony Suite is a complete voice and data telephony solution with the utmost in flexibility.  $\mu$ Phone can be customized for specific communication hardware through plug-in phone driver modules, providing support for a variety of embedded modems.

The µPhone user interface is easily customizable through background bitmaps and XML-based skins, making custom user interface design and product branding a simple task and differentiating feature. The actions of the user interface components, such as buttons, are controlled through a simple script language, allowing you to call up functions, look up variables and use constant values. This gives a huge amount of functional control to the user interface designer providing complete customization of the application to support a range of screen resolutions, product configurations, and desired looks.

The  $\mu$ Phone Telephony Suite can easily be extended by third parties through its open Phone Management Services Library API providing control of all aspects of the phone hardware.

## PHONE FEATURES

#### Voice/Phone specific

- Voice Dialing (including emergency dialing)
- Voicemail support
- Caller ID, call waiting, speed dial
- Divert (i.e. incoming calls)
- Conference calling
- Phonebook management
- Phone monitoring (e.g. signal strength)
- Call barring



#### Locations

#### **Head Office**

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## **µPhone Features** *continued*

#### Data Specific:

- Data support (e.g. TAPI, RAS)
- Short Messaging Service (SMS) support
- Configuration (e.g. GPRS connection)

#### General:

- Current modem support a range of GSM, HCSD and GPRS embedded modems; extendable to others
- Current operating system support Windows CE .NET Windows Mobile Software for Pocket PC
- Integrated multiplexing for simultaneous voice and data streams (e.g. voice call while receiving text message)
- Application customization through bitmaps and XML-based bitmaps
- Call logging
- Bearer selection
- Small footprint (approximately 1.5 MB)
- Power management
- Security (e.g., PIN, PUK, password)

## **Package includes**

- Suite of µPhone applications
- Support Bronze level
- Run-time license
  - Reference and technical documentation

## Phone Architecture

#### Application Suite

User interface applications that utilize the functionality provided by the Phone Management Services Library (PMS).

#### Phone Management Services Library (PMS)

Contains most of the functionality of the  $\mu$ Phone Telephony Suite. It exposes a synchronous API that allows control of all aspects of the phone hardware.

Phone TAPI Service Provider (PhoneTSP)

Provides a unified TAPI service that allows other applications (such as Pocket Internet Explorer) to access the phone hardware.

#### Phone Abstraction Layer (PAL)

Provides a unified interface to the phone hardware for the rest of the  $\mu$ Phone Telephony Suite. It also handles all multiplexing and command queuing for the phone hardware.

## Other products available from Intrinsyc Software

Visit www.intrinsyc.com/products

- Mobile Software Products i-RIL, i-MUX; for developing a mobile embedded device utilizing Microsoft's Windows Mobile Software for Pocket PC or Smartphone and a GSM/GPRS modem.
- Reference Systems Cerf<sup>™</sup> devices such as the CerfPod 270M, CerfPod 255, CerfBoard 255, CerfCube 250 CerfCube 405EP, Cerf IO, and CerfComm.



For more information, visit Intrinsyc Software's website at www.intrinsyc.com All specifications are subject to change without notice.



Revised 02/05

Remote Access Ser	rvice (Pocket IE, etc.)	Application Suite
TAPI Extensions (exTAPI)	Telephony Application Provider Interface (TAPI)	Phone Management Services Library (PMS)
Phone TAPI Service	Provider (PhoneTSP)	
Phone Abstrac	tion Layer (PAL)	
	odem Driver	Legend
Default Mo	odem Driver	Legend Microsoft-developed component