

# Application Guide



**NOKIA**  
CONNECTING PEOPLE

This Application Guide contains certain information on software applications which may be available through independent third party developers or suppliers, and which the developers or suppliers claim may be used in the Nokia Card Phone platform. The information contained in this catalogue is for reference purposes only, and should not be relied upon without prior consultation in each case with the respective developer and, if applicable, supplier. Nokia provides the information in this catalogue "as is", and makes no representations or warranties, whether express or implied, including, but not limited to, the warranties of merchantability and of fitness for a particular purpose, relating to the software applications referred to herein or the functionality, use or application thereof. Furthermore, Nokia accepts no responsibility for the developers or suppliers, any statements or representations made by them, or their sales, distribution, and support responsibilities in relation to the software applications.

The list of software applications contained in this catalogue is not intended to be comprehensive, and is subject to change by Nokia without notice.

Copyright © Nokia Mobile Phones 2000. All rights reserved. Nokia and Nokia Connecting People are registered trademarks of Nokia Corporation. Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

# Foreword

The Nokia Card Phone can be used either in PC card mode or in serial mode and it does not necessarily require drivers for a fully-supported PC card slot. Thus the Nokia Card Phone provides GSM phone functions in an embedded system, while laptop and handheld PC users can use it as a regular land line modem connection to Internet and Intranet services.

This Application Guide lists 3rd party applications offered for the users of Nokia Card Phones by their developers at the time of the publication of this guide. In this guide the applications are grouped into two categories: hardware and software.

The role of Nokia has been to collect information from the developers and publish it in this Application Guide in an agreed unified format. Each 3rd party application developer is responsible for the application product, its sales, distribution and support. Please see Nokia's disclaimer preceding this foreword for further information.

To help users identify those applications that have been tested by an independent test laboratory to interface with one or more Nokia Card Phone models, Nokia has given the option to such 3rd party developers to apply for a license to use the Nokia OK Logo. In this Application Guide, those applications that are licensed to use the Nokia OK Logo, have the logo printed next to them.

## **Nokia Card Phone Developer Info**

If you have an application for Nokia Card Phones and you would like it to be added to the next version of this guide, please contact Nokia Mobile Phones by sending e-mail to the address:

**[cphone.sw.developer@nokia.com](mailto:cphone.sw.developer@nokia.com)**

The further information about Nokia Card Phone Developer Info and Nokia OK Logo Program is in the web site of Nokia:

**<http://www.forum.nokia.com>**

The actual pages can be found under "Developers & Partners" - section.

# Foreword

## Index

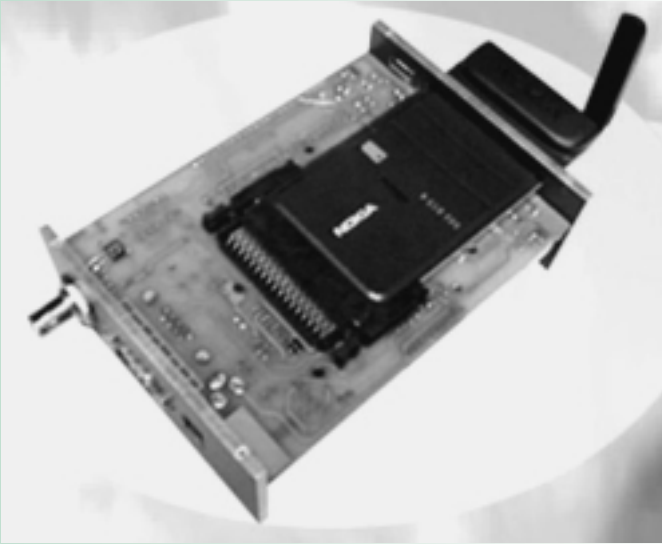
### 1 Hardware

Automotive Navigation Systems .....	5
CodeVoice Mobile .....	6
GPSM-2000 .....	7
GSM Card Phone RS-232 Adapter .....	8
GSM Conductor .....	9
OzLine-4VC .....	10
Possio PM70 .....	11
Possio PM80 .....	12
Remote Monitoring Unit .....	13
Rx1 .....	14
Thyron PayCell Terminal .....	15

### 2 Software

Audicode SMS Server .....	16
erDOT .....	17
Evolving SMS Server .....	18
eXcell GSM Short Message Gateway .....	19
fn now .....	20
fn now enterprise .....	20
Genimap Control Centre .....	21
gsm enterprise .....	22
gsm gateway .....	23
gsm gateway developer edition .....	23
gsm gateway sql .....	24
gsm outlook .....	24
Integrated Networked Security Solutions .....	25
MCN WAP Configurator Light+ .....	26
MobiDown .....	27
SMSmail .....	28
SMS Server .....	29
WebRoute/Mobile? .....	30
WinPhone .....	31

# Automotive Navigation Systems



Automotive navigation system is based on SMS and GPS which are combined with an external dead-reckoning (DR) sensors which are currently being offered as an optional extra on many high speed end vehicles.

The GPS/DR locator module calculates its position every second by using an internal 12 channel GPS receiver. Position data includes location co-ordinates, speed, heading, time, date and status which are sent automatically back to the base station by GSM SMS.

The communication unit installed in each vehicle consists of a card phone integrated with micro computer in a single small box. By using the Nokia Card Phone the communication unit can report such things as the vehicle's position, the status of various sensors within the vehicle, and messages from the dispatcher to the driver.

Base Station software enables the office to transmit and receive messages and positions from vehicles fitted with AVL Equipment, and displays the positions of fleet vehicles on digital maps.

Automatic Vehicle Location (AVL) tracking systems based on GPS/DR and SMS can be used in fleet management applications, including trucks, trailers, cars, taxis and ambulances.

More information:

SouthEast University of China

The Department of Instrument Science and Technology

NanJing

Province JiangSu, CHINA

E-mail: liubingyun@263.net

## CodeVoice™ Mobile



Designed and produced by NANOTEQ, a member of the Comparex group of companies, successful in the secure telecommunications field for over a decade.

CodeVoice™ Mobile is a secure mobile telephone handset which provides communication security using strong voice (and in future - data) encryption.

CodeVoice™ Mobile communicates via GSM (and via Satellite typically through INMARSAT Mini-M terminals) and can also be applied as a voice encryptor over landlines by exchanging its Nokia GSM Card Phone with a PSTN modem/interface card.

CodeVoice™ Mobile can be configured to employ public domain cryptographic algorithms such as IDEA, or other proprietary or client programmable algorithms, with 128 bit SmartCard stored (and PIN protected) symmetric keys providing unbreakable security. Key exchange between units is performed using 1024 bit Diffie-Hellman based key-establishment and RSA based key-authentication.

CodeVoice™ Mobile also communicates in secure mode with Nanoteq's other secure-voice desktop products. Mustering, blacklisting and key management facilities are also fully supported.

It also communicates in a non-secure (or clear-call) mode if voice security is not required thereby being compatible with all other public exchange telephone equipment.

### More information:

Nanoteq

P.O.Box 7991

68 Oak Avenue, Highveld Park

Centurion 0046, SOUTH AFRICA

Tel: +27 (0)12 672 7000

Fax: +27 (0)12 665 1343

E-mail: [info@nanoteq.com](mailto:info@nanoteq.com)

<http://www.nanoteq.com>



# GSM Card Phone RS-232 Adapter



GSM Card Phone adapter can be used to replace a normal RS 232 equipped external telephone modem. The adapter is controlled like any normal Hayes AT compatible device. Nokia GSM Card Phone is used to create GSM data connection and to send and receive GSM short messages (SMS). The adapter is powered from an external power supply, e.g. a wall adapter or a battery (12 V). Current consumption in battery operation is 30 mA in standby mode and 350 mA during the GSM transmission. A standard TNC socket is used for connecting to an external antenna. The adapter sales package contains a microprocessor card (enables control data rates 110, 300, 600, 1200, 2400, 4800 bps and 9600 bps), case (aluminum), serial cable, power source and antenna.

Case, communication protocol and use of the microprocessor for additional tasks can be customized on separate agreement.

## More information:

GWM-Systems Oy

Savilahdentie 6 L 36

70210 Kuopio, FINLAND

Tel: +358-17-580 0660

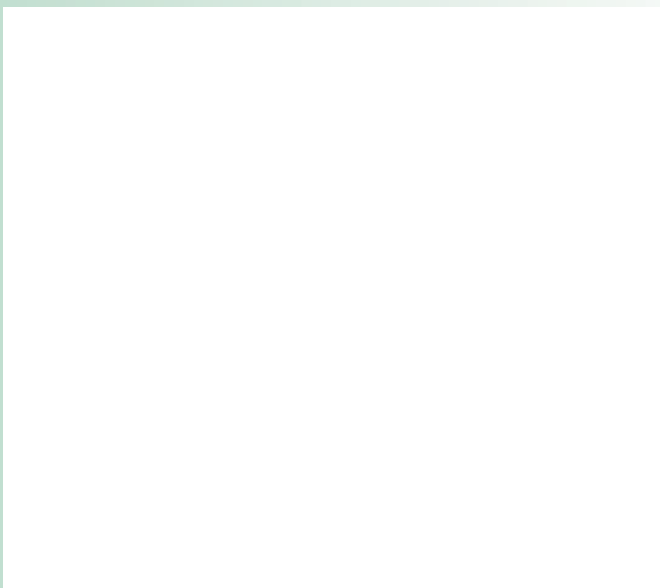
Fax: +358-17-580 0664

Contact person: Pekka Kolehmainen

E-mail: [pekka.kolehmainen@gwmsystems.fi](mailto:pekka.kolehmainen@gwmsystems.fi)



# GSM Conductor



GSM Conductor - is a module that can be used to control any remote mobile or stationary equipment in GSM 900 MHz coverage area. GSM Conductor allows one to exchange information with remote objects using the mobile phone or personal computer with a modem as a terminal. Data transmission and receiving are possible in GSM SMS format or in direct connection mode via modem. The module has two RS-232 connectors and number of digital inputs and outputs. The properties of digital I/O (signal level TTL or CMOS, 3.3V, 5V, galvanic decoupling and so on) can be adjusted to needs of the customer. Any standard equipment can be connected to GSM Conductor via RS-232 interface. Communication protocol to be used can be individually preprogrammed for the customer depending on information to be transferred, technology of transmission, periodicity of transmission.

## Product highlights:

- \* Data can be transmitted or received by conventional mobile phone or PC based operator station
- \* Adaptive digital data filtering and buffering
- \* Additional digital coding
- \* User Specific and/or standard interface (ex. RS-232)
- \* NMEA0183 interface for industry standard GPS receivers is available
- \* Individual programming of communication protocols and user specific device control algorithms
- \* Flexible configuration allows the user to set up the device operation parameters

## More information:

Damsel Finland Oy

PL 221

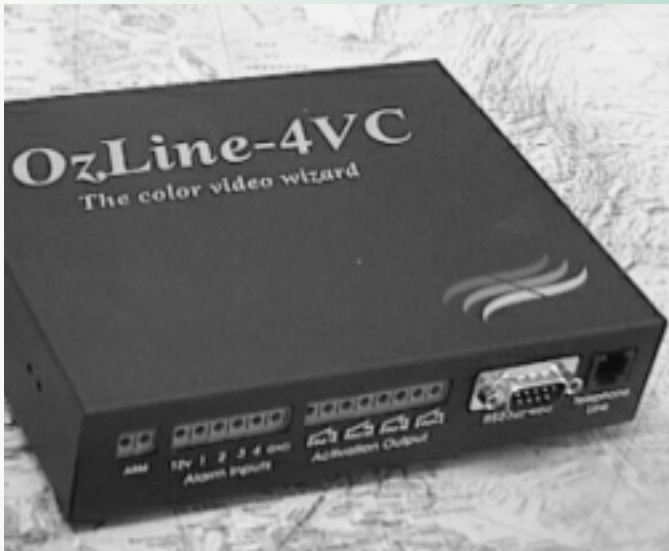
20101 Turku, FINLAND

Tel: +358-2-281 3520

Fax: +358-2-281 3535

E-mail: [damsel@damsel.fi](mailto:damsel@damsel.fi)

# OzLine-4VC



The OzLine-4VC is the newest member of the OzLine family of products and the first to support color video. A great deal of engineering effort has been put into making the OzLine-4VC a more useful and versatile product for the end user. The OzLine-4VC is a stand-alone plug-and-play-unit that provides:

- Video transmission over standard telephone lines (modem included).
- Video transmission over cellular networks & ISDN (RS-232 output).
- Simultaneous two-way audio- and video transmission over the standard phone line.
- Monitor output for on-site monitoring with built-in programmable switcher.
- Motorized camera control via RS485 (option).
- Loop through 75ohm termination switching.
- Automatic transmission on alarm input.
- On-site digital video recording up to 600 color frames (option).
- Automatic built-in test procedure.
- Focus window for faster video updates
- Remote external device control.
- On panel connection for External Arm disarm switch.

Inputs: 4 cameras, 4 microphones, 4 alarms, 1 arm / disarm switch

Outputs: 4 relays (dry contacts), 1 audio out

Communication: RJ-11 telephone connection, D-9 RS-232 / RS-485 serial out

Power input: 10-18 VDC, 500mA minimum (wire connector)

## More information:

OzVision

K. Nahal-Oz

85145 Negev, ISRAEL

Tel: +972 7 689 4278

Fax: +972 7 661 0097

E-mail: [ozvision@ozvision.co.il](mailto:ozvision@ozvision.co.il)

# Possio PM70



A unique product for unique solutions.

The Possio PM70 is an integrated GSM terminal for speech, fax and SMS. Wherever you use a mobile phone, you can now send a fax and receive it just as simply.

You can use Possio PM70 as an alternative to your normal phone, when in need for accurate information or documents. PM70 is especially useful for time critical documents such as delivery details, confirmations, order acceptances and all hand written messages.

The Possio PM70 helps you stay in touch, in the way you want to. You can use it in a temporary office, in a truck or on a construction site.

Ergonomically elegant and weighing in just under a kilo, the Possio PM70 is quality, functionality and versatility at its best.

## More information:

**POSSIO INTERNATIONAL AB**

P.O.Box 7105,

Polygonvägen 53,

SE-18712 Täby/Stockholm, SWEDEN

Tel: +46 70 591 05 79

Fax: +46 8 587 44 010

Contact person: Erik Lagersten

E-mail: [info@possio.com](mailto:info@possio.com)

<http://www.possio.com>

# Possio PM80



The Possio PM80 is the world's first hardcopy mobile messenger. It gives the cellular phone user a truly easy-to-use communication solution. To everyday places - out of the office: in vehicles, at customers' sites, at airports, or at home. The PM80 scans and sends your paper documents. It is portable in a briefcase, features a standby time of several weeks, and it connects to the PC-card for your mobile phone - for GSM, DCS, or PCS. Let the PM80 be your discreet messenger for documents of all kind - when it's convenient for you.

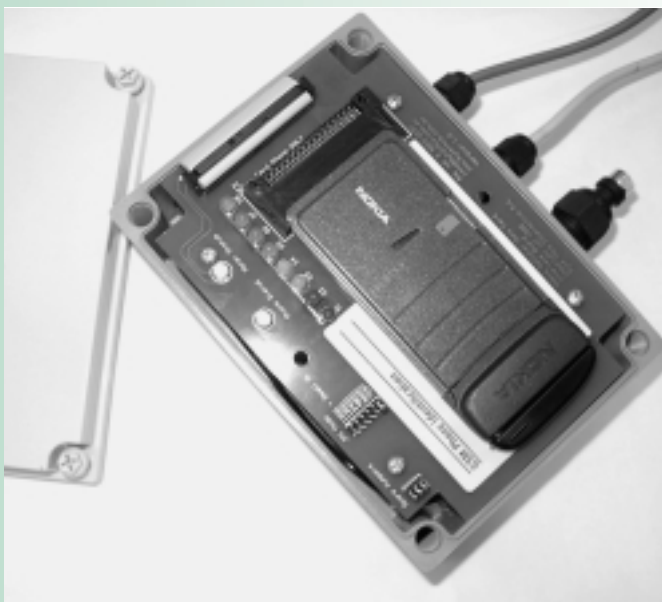
## Features:

- You can easily fax hard copy documents.
- The PM80 prints your unread e-mail and fax messages.
- The PM80 weighs only 1500 grams, which makes it "briefcase portable".
- The PM80 is compatible with all major handsets and their associated PC-cards regardless of whether it's a GSM/DCS- or PCS- handset.
- Print a hard-copy of your scanned document.
- With scanner you are able to fax.
- The PM80 is prepared for IrDA (Infrared Data) wireless communication.
- The built-in speaker provides audio feedback.
- Plug-and-play; put your PC card in the slot. The PM80 will configure it properly - no worry about the software.
- A complete, numerical keypad lets you dial directly from the PM80. Six function keys guide you for easy manoeuvring.
- Seven indicators give you information about battery status, charging, IrDA, or operator-network connectivity.
- An internal, powerful, yet environment-friendly, NiMH-battery gives you maximum operational and standby time.

## More information:

POSSIO INTERNATIONAL AB  
P.O.Box 7105,  
Polygongvägen 53,  
SE-18712 Täby/Stockholm, SWEDEN  
Tel: +46 70 591 05 79  
Fax: +46 8 587 44 010  
Contact person: Erik Lagersten  
E-mail: [info@possio.com](mailto:info@possio.com)  
<http://www.possio.com>

# Remote Monitoring Unit



The Remote Monitoring Unit utilises the digital (GSM) cellular network to provide two way communications to remote applications. The unit has been approved under the Nokia OK Logo Program and uses the Nokia Card Phone as the main transceiver. Simple to install with many unique features, the unit offers reliable, cost effective and efficient data transmission. Automatic reading of electricity, gas & watermeters, SCADA Applications, industrial functions, any telemetry or remote communication applications.

## Features:

- Non-Transparent (error correction/data compression) data transmission at 1200/2400/4800/9600 bps, selectable by use of a jumper block.
- automatic wide supply voltage range (85-264 VAC).
- "Test Mode" - a signal strength indicator is built into the unit, giving an accurate indication of the strength of digital signal at site.
- Serial RS-232 interface cable.
- LED indicators to give full real-time feedback on the units operating condition.
- Environmentally sealed ABS enclosure, simple to mount and install.
- Secure internal antenna allows compact installation at site.

## More information:

Call Direct Telecommunications Pty Ltd

Lvl 1/ 8 West St

North Sydney NSW 2060, AUSTRALIA

Tel: +61 2 9965-7585

Fax: +61 2 9965-7590

E-mail: [mail@calldirect.com.au](mailto:mail@calldirect.com.au)

<http://www.calldirect.com.au>

## Rx1



The Nokia Card Phone is designed as a solution for a wide selection of mobile communication applications. Depending on application, it can be used as wireless PC Card modem. The Client driver (which can be either Nokia or custom designed driver) enables the Nokia Card Phone and Rx1 to communicate by using extended version of standard "AT" command set. When installed in the Radix Rx1 handheld computer, the Nokia Card Phone can transmit data or short messages (SMS) which are selected according to the system requirements.

With appropriate software, the Nokia Card Phone allows data collection and updates to become "realtime" actions. Each Rx1 will benefit from "real-time" instructions and data transactions. An extended end cap for the Rx1 expansion module allows the Nokia Card Phone to be totally enclosed and protected to IP67 sealing standard.

### More information:

Radix Micro Devices plc

3 Clarendon Drive

Wymbush

Milton Keynes

MK8 8DA, UK

Tel: +44 (0) 1908 568192

Fax: +44 (0) 1908 561401

Contact person: Pippa Maryan

E-mail: [Pippa.maryan@radix-md.co.uk](mailto:Pippa.maryan@radix-md.co.uk)

<http://www.Radix-intl.com>

# Thyron PayCell Terminal



The Thyron PayCell is a fully mobile credit/debit card terminal able to process transactions and communicate them to the acquiring bank using the GSM network. The PayCell terminal features a PCMCIA type I/II/III socket, which when loaded with Nokia Card Phone GSM modem opens up new markets for card acceptance including taxis, van sales, home repair and market traders. Other communication cards such as Mobitex, CDPD and RF can also be fitted into the terminal. The terminal can accept magnetic stripe, smartcard or contactless (MIFARE) cards, features a graphics LCD, fast thermal printer and long life battery. Other features include a docking station for recharging and downloading data and 3 internal SAM sockets for encryption chips used in e-purse applications. The terminal is supported by a comprehensive set of tools for programming and debugging. Depending on market, the terminal can be supplied with a wide range of banking application software including APACS40, APACS 30/50, ISO8583 and EMV. The low power, dual-band ability and compact antenna of the Nokia Card Phone 2.0 makes it the ideal partner for the Thyron PayCell which is already opening up new applications for m-commerce around the world.

## More information:

**Thyron Ltd**

Axis 2, Rhodes Way

Watford, WD2 4WY, U.K.

Tel: +44 1923 236050

Fax: +44 1923 236630

E-mail: [sales@thyron.com](mailto:sales@thyron.com)

<http://www.thyron.com>

## Audicode SMS Server



SMS (Short Message Service) is a specification for sending text messages between GSM phones. By using SMS server, an interface between mobile user and the computer can be utilised in many applications.

Audicode SMS Server is easy to install and take into use. You'll only need a computer with Windows-operating system and a GSM mobile phone.

Like the WAP Server, the Audicode SMS Server is an easy-to-use and efficient server application. The server provides a way for the companies to better take advantage of their data by making it possible for mobile users (e.g. company salesmen) to interact with this data.

The Audicode SMS Server is also an affordable application also for smaller companies as it is easy to use and only a small investment compared to the services and true revenue that it can provide.

**More information:**

**Audicode Oy**

**Tampere, FINLAND**

**Tel: +358 40 569 8581**

**E-mail: [audicode@audicode.com](mailto:audicode@audicode.com)**

**<http://www.audicode.com>**



# erDOT



erDOT is the extensive trading concept which provides the user with state-of-the-art technology, advanced execution capabilities, clearing and back office facilities, all in one product. With erDOT, user can trade all electronically tradable stocks and derivatives in the leading exchanges. erDOT, which is an abbreviation of Estlander & Rönnlund Direct Online Trading, has been designed exclusively for institutional investors with good business knowledge and high execution demands. The IT-architecture used in erDOT makes instalment easy and ensures superior execution capabilities. The system is based on a straight-through processing principle. Orders are executed without delay on the exchange and the speed equals that of the exchanges' own systems. Customer can select the most suitable communication alternative from a fixed connection to a wireless alternative that enables trading from laptop anywhere and anytime with the speed equal to fixed connection.\*

\*The service has to be supported by the local GSM provider

## More information:

**Estlander & Rönnlund Financial Products Ltd**

**Alatori 1 A**

**65100 Vaasa, FINLAND**

**Tel: +358 6 318 0640**

**Fax: +358 6 318 0604**

**E-mail: [erDOT@er-grp.com](mailto:erDOT@er-grp.com)**

**<http://www.er-grp.com>**

## Evolving SMS Server



Evolving SMS Server is a Windows software that enables users to build different kind of Short Message services using PC computer and cellular phone. Evolving SMS Server can receive short messages, send replies to received messages according to predefined rules or just send short messages. With external information provider scripts and programs Evolving SMS Server can be used as an SMS gateway for almost any imaginable information service. These may include electronic mail to SMS gateways, WWW information grabbers via SMS, SMS interface to existing databases and so on.

Currently there are two versions of the server, normal version and TAPI version. Normal version works with any GSM 07.05 compatible phone connected to the computer. TAPI version works with Nokia TSP compatible GSM phone connected to the computer's serial port.

Basic hardware and software requirements

- PC compatible computer with serial port or PCMCIA slot depending on the phone to be used with the server and one parallel (printer) port
- 16M RAM is recommended
- Windows 95, Windows 98 or Windows NT 4.0
- Any GSM 07.05 compatible GSM phone

Basic hardware and software requirements (TAPI version)

- PC compatible computer with one serial port and one parallel (printer) port
- 8M RAM is sufficient for most applications
- Windows 95
- Nokia TSP compatible GSM phone

More information:

ÖÖ-Evolving Office Oy

P.O. Box 596

FIN-33101 Tampere, FINLAND

Tel: +358 50 5548558

Fax: +358 3 2129570

Contact person: Thomas Aiftan

E-mail: [thomas@oeoe.fi](mailto:thomas@oeoe.fi)

<http://www.oeoe.fi/products.html>

# eXcell GSM Short Message Gateway



eXcell is a powerful server platform for the management of GSM Short Messages and the development of professional SMS applications. It is a modular and fully scalable solution, completely client-server oriented, available for both UNIX (including Linux) and Windows NT.

Applications can be resident on the system hosting the server, or can be remotely accessible through a powerful HTTP gateway. Developing applications under eXcell is very easy, and there are no constraints in programming languages and environments. It is even possible to use ASP under MS IIS to create applications.

eXcell can connect an unlimited number of Nokia Card Phones, even distributed on several computers on separated networks, and send/receive messages through these channels.

eXcell fully supports:

- binary 8 bit ETSI 07.05 Block and PDU mode
- CMG protocol for direct SMSC connections
- class-0 SMS ("flash messages")
- SIM application toolkit
- WAP transport layer via SMS service

More information:

BWARE TECHNOLOGIES srl

Via S.Gregorio, 3

Milano, ITALY

Tel: +39 335 417 677

Contact person: Paolo Ventafridda

E-mail: [venta@bware.it](mailto:venta@bware.it)

<http://www.bware.it>

## fn now



Web-based, Windows 9x/NT application providing intelligent, automatic monitoring, alerting, and messaging for financial data and news, custom tickers, marketsheets, charting and analytics, as well as SMS messaging to GSM mobile phones, PDAs and pagers directly from the desktop. Receive SMS messages via the Nokia Card Phone or GSM phone and send via the Nokia Card Phone, GSM phone, or modem.

- unlimited selection of financial instruments and custom definition of portfolios and tickers for monitoring
- simple and elegant definition of limits and alerts for individual financial instruments and portfolios, including portfolio & instrument name, actual value, limit, net percent change and custom text
- easy setting of automatic monitoring frequency
- easily add new recipients and/or recipient groups for alerts and/or unlimited text messages
- receive, read, respond to, and manage SMS messages on the desktop.
- synchronize GSM phone directories with MS Exchange/Outlook directories
- download free trial version from [www.fnnow.com](http://www.fnnow.com).

## fn now enterprise

Web-based, Windows 9x/NT client/server application for providing intelligent, automatic monitoring, alerting, and messaging for financial data and news, custom tickers, marketsheets, charting and analytics, as well as SMS messaging to GSM mobile phones, PDAs and pagers directly from the desktop to all users. Receive SMS messages via the Nokia Card Phone or GSM phone and send via the Nokia Card Phone, GSM phone, or modem.

- unlimited selection of financial instruments and definition of portfolios for monitoring
- simple and elegant definition of limits and alerts for individual financial instruments and portfolios, including portfolio & instrument name, actual value, limit, net percent change and custom text
- easy setting of automatic monitoring frequency
- easily add new recipients and/or recipient groups for alerts and/or unlimited text messages
- receive, read, respond to, and manage SMS messages on the desktop.

### More information:

Zillion AG

Titlisstrasse 39

CH-8032 Zürich, SWITZERLAND

Tel: +41 (1) 267 68 68

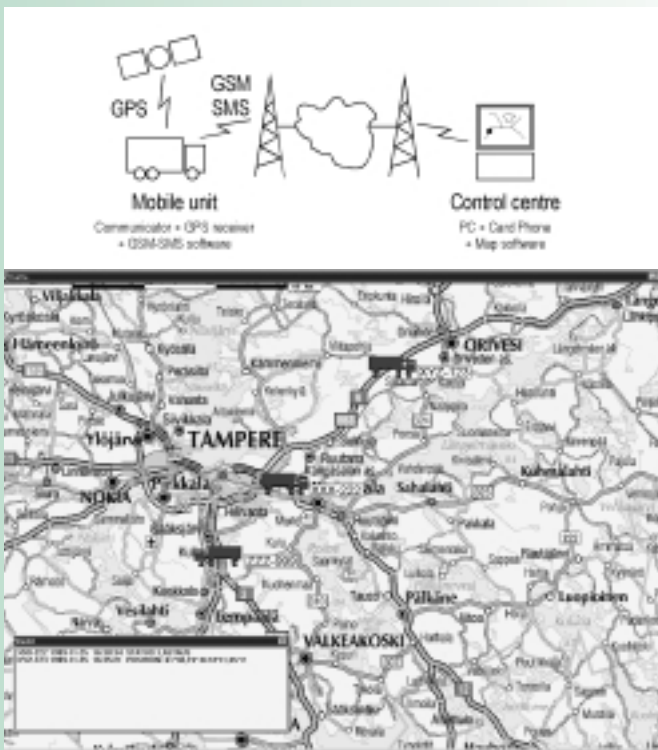
Fax: +41 (1) 267 68 99

Contact person: Karl Sittler

E-mail: [k.sittler@zillion.com](mailto:k.sittler@zillion.com)

<http://www.zillion.com>

# Genimap® Control Centre



A map based application for remote positioning and control of mobile (or otherwise remote) units. The application is primarily designed for AVL (Automatic Vehicle Location), for example tracking and dispatching of pick-ups and deliveries.

GSM short messages (SMS) are used to communicate between the control centre and the mobile units. The mobile unit's positioning and status information is stored in a database. The mobile unit's location is displayed on a map that can be zoomed and moved freely. Through the application's user interface informational and control messages can be sent to and received from the mobile units.

## System requirements

- control centre: a PC-computer with Windows 95 (or compatible operating system) and Nokia Card Phone (or compatible Nokia GSM phone with a data-cable)
- remote unit: a GPS positioning device and the Nokia 9110 Communicator with GPS-SMS software (or any system able to send positioning information as SMS messages)

## More information:

Karttakeskus Ltd

P.O. Box 40

01511 Vantaa, FINLAND

Tel.: +358 204 45 144

Fax: +358 204 45 5919

E-mail: Sales@Karttakeskus.fi

## gsm enterprise



An additional service for the Microsoft Exchange Server to SMS message-enable the entire enterprise. SMS messages can be received via the Nokia Card Phone or GSM phone and sent via the Nokia Card Phone, GSM phone, or modem.

- notification to mobile of new messages received by MS Outlook when away from desktop
- set filters for remote notification of new messages received
- mobile access to list of new messages received by MS Outlook
- view new messages received MS Outlook on your mobile
- send messages to single, multiple, or grouped recipients
- receive, read, respond to, and manage SMS messages on the desktop.
- no limit to message length
- easily add new recipients and/or recipient groups
- connect GSM mobile phone to MS Exchange Server via cable or infrared port
- available early Q1, 2000.

### More information:

**Zillion AG**

Titlisstrasse 39

CH-8032 Zürich, SWITZERLAND

Tel: +41 (1) 267 68 68

Fax: +41 (1) 267 68 99

Contact person: Karl Sittler

E-mail: [k.sittler@zillion.com](mailto:k.sittler@zillion.com)

<http://www.zillion.com>

## gsm gateway



Stand-alone Windows 9x/NT application for SMS messaging to GSM mobile phones, PDAs and pagers directly from the desktop. SMS messages can be received via the Nokia Card Phone or GSM phone and sent via the Nokia Card Phone, GSM phone, or modem.

- send messages to single, multiple, or grouped recipients
- receive, read, respond to, and manage SMS messages on the desktop.
- no limit to message length
- easily add new recipients and/or recipient groups
- connect GSM mobile phone via cable or infrared port
- manage GSM phone directories from the desktop
- synchronize GSM phone directories with MS Exchange/Outlook directories
- download free trial version from [www.gsmsolutions.com](http://www.gsmsolutions.com)

## gsm gateway developer edition

Stand-alone Windows 9x/NT application with a DLL enabling third-party applications to send custom SMS messages to GSM mobile phones, PDAs, and pagers for alert and emergency condition notification. SMS messages can be sent via the Nokia Card Phone, GSM phone, or modem.

- send messages to single, multiple, or grouped recipients
- receive, read, respond to, and manage SMS messages on the desktop.
- no limit to message length
- easily add new recipients and/or recipient groups
- connect GSM mobile phone via cable or infrared port
- manage GSM phone directories from the desktop
- available now from Zillion

### More information:

Zillion AG  
 Titlisstrasse 39  
 CH-8032 Zürich, SWITZERLAND  
 Tel: +41 (1) 267 68 68  
 Fax: +41 (1) 267 68 99  
 Contact person: Karl Sittler  
 E-mail: [k.sittler@zillion.com](mailto:k.sittler@zillion.com)  
<http://www.zillion.com>

## gsm gateway sql



Stand-alone Windows 9x/NT application for receiving database queries via SMS messages and sending SQL database responses via SMS messages to GSM mobile phones, PDAs, and pagers. SMS messages can be received via the Nokia Card Phone or GSM phone and sent via the Nokia Card Phone, GSM phone, or modem.

- send messages to single, multiple, or grouped recipients
- no limit to message length
- easily add new recipients and/or recipient groups
- connect GSM mobile phone via cable or infrared port
- available now from Zillion

## gsm outlook

An additional service for Microsoft Exchange/Outlook, adding the SMS messaging option to MS Outlook. SMS messages can be received via the Nokia Card Phone or GSM phone and sent via the Nokia Card Phone, GSM phone, or modem.

- notification to mobile of new messages received by MS Outlook
- set filters for remote notification of new messages received
- mobile access to list of new messages received by MS Outlook
- view new messages received MS Outlook on your mobile
- send messages to single, multiple, or grouped recipients
- receive, read, respond to, and manage SMS messages on the desktop.
- no limit to message length
- easily add new recipients and/or recipient groups
- connect GSM mobile phone via cable or infrared port
- manage GSM phone directories from the desktop
- synchronize GSM phone directories with MS Exchange/Outlook
- download free trial version from [www.gsmsolutions.com](http://www.gsmsolutions.com)

### More information:

Zillion AG

Titlisstrasse 39

CH-8032 Zürich, SWITZERLAND

Tel: +41 (1) 267 68 68

Fax: +41 (1) 267 68 99

Contact person: Karl Sittler

E-mail: [k.sittler@zillion.com](mailto:k.sittler@zillion.com)

<http://www.zillion.com>





# MCN WAP Configurator Light+



MCN WAP Configurator Light+ is connected to a GSM phone, or card phone, for the delivery of WAP configuration settings and receipt of SMS-based requests for settings.

The Action Manager interface checks the keyword sent via SMS against the range of predefined configurations and then sends the corresponding settings back to the subscriber.

These settings are accepted by the subscriber and automatically installed on the phone.

The MCN WAP Configurator Light+ incorporates a file-based interface to send messages from external applications or scripts. With this version it is possible to build an automatic WAP configuration application that can be connected to an existing database of users to whom to send the configurations.

## ABOUT MC.N

MC.N develops and markets a rapidly growing portfolio of WAP technologies and content channels for mobile operators and their subscribers.

MC.N technologies and content channels ensure the maximum impact of text (SMS), audio and WAP-based content.

MC.N currently has offices in Finland, Switzerland and the UK.

## More information:

MobileChannel.Network

Contact person: Janne Mäkinen

Tel: +358 40 582 84 63

E-mail: [janne@mobilechannel.net](mailto:janne@mobilechannel.net)

# MobiDown



MobiDown analyses the call history on your PC and computes the most often called numbers. This is important because your mobile phone is limited to the number of phone book entries it can hold. With MobiDown you may add or delete names to/from the phone book by using your PC. MobiDown also includes a list of international emergency numbers, because if you travel abroad, the numbers of the emergency services are different all over the world.

The connection between PC and mobile phone is done either via PCMCIA card, serial cable or infrared (IRDA), and use the AT+CPB commands defined in the GSM standard 07.07. Phone books in mobile phones consist of two columns only: name and number. MobiDown lets you merge columns from your PC into those two fields.

MobiDown is also used for desktop phone sets. Having a copy of your PC-based phone book stored in your telephone set makes you independent from PC faults or power failures. MobiDown offers back-up functionality. MobiDown can also be used to copy phone books between different models of mobile phones.

## More information:

MegaSoft GmbH

Hockegasse 17

A-1180 Wien, AUSTRIA

Tel: +43 (1) 470 2022

Fax: +43 (1) 470 2022-77

Contact person: Herbert Feichtinger, CEO

E-mail: [info@megasoft.co.at](mailto:info@megasoft.co.at)

<http://www.megasoft.co.at>

## SMSmail



SMSmail allows you to send 160 character alphanumeric messages to any GSM phone in the world from your PC or laptop. SMSmail supports sending and receiving SMS messages via PCM-CIA, serial line and IRDA. Both text- and PDU mode are supported. SMSmail is available as COM object for developers. All new GSM phones offer SMS text message sender/receive facility therefore replacing pagers.

### Benefits:

- Reception of a message does not disturb you during meetings.
  - Messages are stored in the network in case the destination phone is switched off or can not be reached, and are delivered when the phone is turned on again
  - Up to 160 characters per message
  - Worldwide roaming wherever there is a GSM network
  - Internet Mail to SMS conversion in gateways
  - Simple Reply
  - Simple dialing of a phone number contained in a SMS message
- MegaSoft's SMSmail combines the power of SMS with the intelligence of the PC. It can also be used for automatic notification of events of various events such as security alarms. SMSmail supported sender configurations:
1. PC with mobile phone: The PC sends the SMS message through the connected phone and the mobile network to the destination. The connected phone must be GSM 05.07 compatible.
  2. PC connected with Internet: The PC sends the message as an internet mail to the gateway of the network operator, where the message is converted to SMS and sent to the destination.

### More information:

MegaSoft GmbH

Hockegasse 17

A-1180 Wien, AUSTRIA

Tel: +43 (1) 470 2022

Fax: +43 (1) 470 2022-77

Contact person: Herbert Feichtinger, CEO

E-mail: [info@megasoft.co.at](mailto:info@megasoft.co.at)

<http://www.megasoft.co.at>

# SMS Server



This software provides you with the smooth integration of SMS functions into MS Windows applications - an SMS server as an OLE module.

Suitable for

- Nokia Card Phone (from software release 5.0)
- Nokia 9000i Communicator
- Nokia 9110 Communicator

You can now send and receive SMS data to and from MS Visual Basic, MS Excel or MS Access both quickly and without any major programming effort. Moreover, this fast and convenient tool enables you to set up systems for conducting remote database queries.

To send and receive SMS data, we recommend the Nokia Card Phone as a hardware platform. As an alternative option, the package also supports the Nokia 9000i and 9110 Communicator via the serial interface or an IRDA connection.

The SMS server has the following qualities

- Send and receive SMS messages from Windows applications (e.g. MS Office).
- Send and receive long SMS messages (over 160 characters) (transparent for the application, provided you use the PDU mode).
- Simple connectivity to applications via OLE functions.
- Functional software interface (five basic functions: Log On/Off SMS Server, Receive SMS, Send SMS, Query Status of Sent SMS).
- Queues, resubmissions, etc. are managed by the server, so that the effort for application programming is minimal.
- The SMS server can be used by up to eight applications simultaneously.
- Any applications that are started later still have access to SMS messages received earlier (the period of validity can be set on the SMS server).

Hardware requirements

- Recommended: Nokia Card Phone (software release 5.0)
- Alternative option: Nokia 9000i/9110 Communicator
- PC with MS Windows 95, Windows 98 or Windows NT 4

More information:

Yellow Computing Computersysteme GmbH

Hanns-Martin-Schleyer-Strasse 1

D-74177 Bad Friedrichshall, GERMANY

Tel: +49-7136-9511-0

Fax: +49-7136-9511-11

Contact person: Wolfram Herzog

E-mail: [Wolfram.Herzog@yellow.de](mailto:Wolfram.Herzog@yellow.de)

<http://www.yellow.de>

## WebRoute/Mobile?

# Cedros

Become more flexible and save money. Connect home offices, outdoor staff and smaller sales points with your corporate network in a very comfortable, secure and inexpensive way. No manual configuration of the system and no connection problems. With WebRoute/Mobile? PC- or notebook users are linked automatically to a central information point regardless which connection technology (LAN, ISDN, Modem or GSM) is available. While booting the system the Location Manager Module will select the available interface and set the required configuration.

WebRoute/Mobile? enables the operation of Lotus Notes Servers via TCP/IP as well as remote configuration and service. Compression and encryption according to PPP-Standard will guarantee for suitable comfort and security. The support of modem connection and X.25/X.31 over ISDN D-Channel ensures the cost efficient interconnection of decentralized sales organizations. For GSM connections a mobile phone or the Nokia Card Phone may be used.

**More information:**

Cedros GmbH

Zeithstrasse 83-87

D-53721 Siegburg, GERMANY

Tel. +49 (0) 2241-8834-0

Fax +49 (0) 2241-883411

E-mail: [info@cedros.com](mailto:info@cedros.com)

<http://www.cedros.com>

# WinPhone



The telephone is a dumb device. It does not have a delete key, has cryptic icons and no help function. Even so called 'feature phones' do not increase your productivity. What's more, can your PBX system access important information you need during a call, such as: Customer Name, Address, Turnover, Payment Due and so on? If your PBX is not tied into your LAN, it does not bridge your calls to your data. WinPhone(R) solves this problem, by integrating your Phone and PC, and lets you to make calls with your mouse.

Any PC user can now dial with just two buttons: the left and right mouse buttons. WinPhone supports all tasks involving phone calls, so all you have to do is talk.

Computer Telephony Integration (CTI) can save you time and money. Features such as Redial-on-busy, Scheduled Calls and Power Dialing are just a few examples how WinPhone increases your productivity. With CallerID you can see who is calling, and decide to answer or forward the call. And you'll never forget to make important calls, like your mother on her birthday.

WinPhone converts your PC into a fully-fledged feature phone at a fraction of its price. What's more, it can cut your phone bill using Call-by-Call Selection, Least-Cost-Routing, Internet Telephony, Call-back and Calling Cards.

## More information:

MegaSoft GmbH

Hockegasse 17

A-1180 Wien, AUSTRIA

Tel: +43 (1) 470 2022

Fax: +43 (1) 470 2022-77

Contact person: Herbert Feichtinger, CEO

E-mail: [info@megasoft.co.at](mailto:info@megasoft.co.at)

<http://www.megasoft.co.at>

**NOKIA**  
CONNECTING PEOPLE