

**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 9110 Communicator 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.

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# Foreword

This is the Application guide (version 3.0) for Nokia's communicators; Nokia 9110 Communicator, Nokia 9000i Communicator and Nokia 9000 Communicator.

Nokia has designed the present Nokia communicator family to be an open platform. It means that 3rd party developers can create new applications for the communicator products of Nokia listed below. This allows Nokia's communicators to be tailored to the specific needs of the users and adds more value to the products.

This Application guide lists 3rd party applications offered for the users of Nokia's communicators by their developers at the time of the publication of this guide.

In this guide the applications are grouped into 6 categories:

- Office
- Communications
- Internet
- Special solutions
- Games
- Hardware compatibility

The last section is Contacts, where the contact information (such as addresses, telephone numbers, e-mail- and web site addresses) of the listed 3rd party application developers can be found.

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 preceeding 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's communicator 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.

The Nokia Communicator Friendly Site Program is targeted to those, who offer Nokia Communicator optimized WWW services. Several companies have already joined and links to their services can be found from Nokia Communicator Optimized Web Services list in Forum Nokia.

## Nokia Communicators Developer Info

If you have an application for Nokia's communicators 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:

**`communicator.developer@nokia.com`**

The further information about Nokia Communicators Developer Info, Nokia OK Logo Program and Nokia Communicator Friendly Site Program is in the web site of Nokia:

**`http://www.forum.nokia.com`**

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

# Foreword

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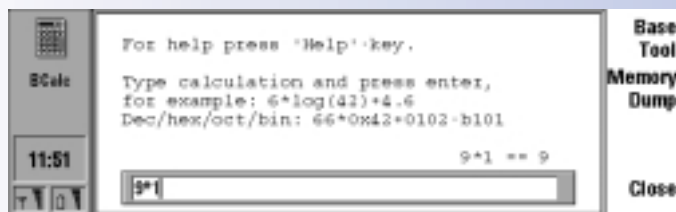
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## BCalc

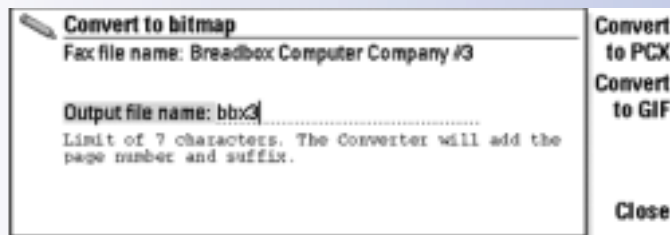


BCalc is a simple calculator. It does everything that the build-in calculator in Nokia Communicator does, and more. BCalc has also a memory-function.

More information: <http://www.bbbs.net/nokia>

Contact details: see page 69

## Breadbox Fax Converter



### Fax Converter

Take it off! Take it all off! Make room on your Nokia Communicator! You no longer need to keep faxes stored on your Nokia Communicator sucking up valuable memory! No need for an infra-red printer to print a fax! Quickly transfer converted fax files to your favorite desktop program for viewing, printing or storing. Choose from either .GIF or .PCX formats. Transfer the original fax files to your PC and store there for later use on your Nokia Communicator if necessary.

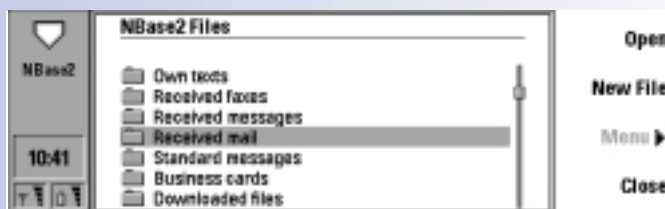
Finally get control of your Received Faxes. The Breadbox Fax Converter makes it easy to convert Received Faxes to either .GIF or .PCX graphic files for quick transfer to your PC using NServer and the standard Nokia serial cable. Fax Converter will handle both one page or multi-page faxes flawlessly. Order your copy today!

More information: <http://www.breadbox.com>

Contact details: see page 68



## Breadbox NBase2

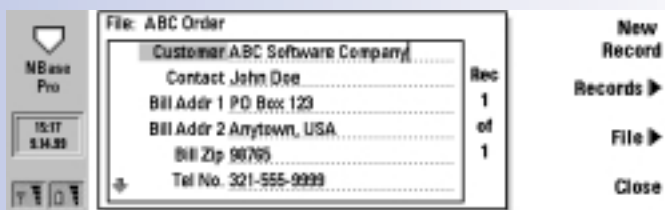


NBase2 is a simple, yet flexible database for the Nokia 9000/9110 Communicator. With features such as user definable fields and fast record look up, this application is a MUST have for those who want a simple to use, yet flexible database for their Nokia Communicator.

More information: <http://www.breadbox.com>

Contact details: see page 68

## Breadbox NBasePro



Breadbox NBasePro - a great new professional tool for companies with employees and representatives on the road that need to quickly transmit information from a database back to the home office or any other location that can accept fax or email correspondence. A perfect solution for any sales force, utility meter readers, data collectors, etc. Breadbox NBasePro contains many easy to use features including:

- Up to 40 fields per record and up to 250 characters per field
- Instantly turn any record in the database into a report and immediately Fax or Email the report right from the Nokia Communicator
- Field names can be modified by user

### Imports .CSV files:

- Imports into new and existing databases
- User can select to import first record as field name

### Exports to .CSV files:

- User can select to export field names as first record

### Text Searching:

- User selectable options
- First field search only
- Whole word - and case sensitive search

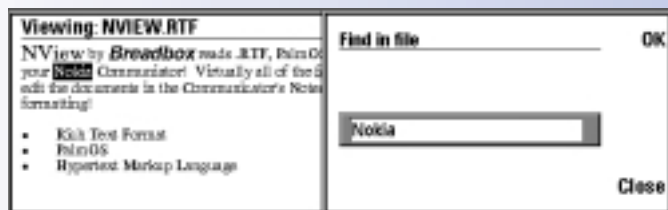
### Database Sorting:

- By specified field
- Ascending or Descending order
- Sort in alphabetic, numeric or date order

More information: <http://www.breadbox.com>

Contact details: see page 68

## Breadbox NView



Now you can read "and" edit a nicely formatted MS Word, WordPerfect, Lotus Write and other word processor document on the Nokia Communicator. Accept by e-mail any word processor document saved in the standard document format RTF (Rich Text Format). Download the RTF document from the web using the Nokia Communicator's WWW browser. Transfer the document to your Nokia Communicator from your desktop or notebook PC. Then you can read and edit, and email the document to others who can read it in their favorite word processor. Basic tables look pretty good too!

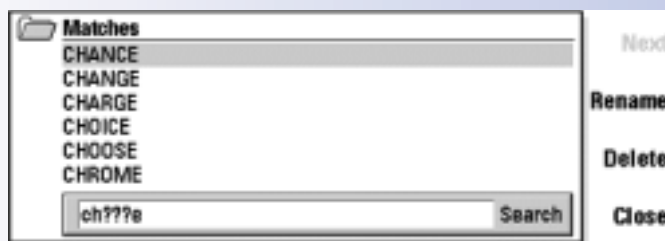
How about being able to read "and" edit a Palm Pilot document? Only Breadbox NView makes it possible. Just as with RTF documents, you can now view and edit common Palm Pilot PRC and PDB documents right on your Nokia Communicator. Breadbox NView makes it easy! Download a Palm PRC or PDB document directly from the web using the WWW browser, or transfer the document directly from your PC, or receive it as an email attachment. Either way, you'll be able to view and edit the Palm document right on your Nokia Communicator!

What about Web Pages (HTM files)? NView handles web pages too. Download the text of any web page and view and edit it using NView.

More information: <http://www.breadbox.com>

Contact details: see page 68

## Breadbox Word Matcher



It's a tool to help you... Solve Crossword Puzzles - Solve Word Games - Check Correct Spelling of a Word

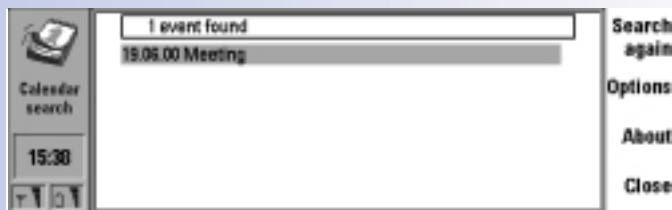
NWord Matcher features:

- Very easy to use
- Includes over 12,300 words
- Quick scrolling through word list
- Highly compressed word list file to save space
- Easily add, delete, or modify words
- Handles International character sets
- Online Help at your fingertips

More information: <http://www.breadbox.com>

Contact details: see page 68

## Calendar Search

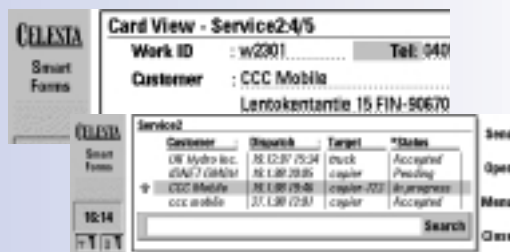


Looking for anything in the Calendar? Our Calendar Search application can find user-defined string in Calendar entries and in To-do list. You can list some or all calendar events - displaying the date of event only or together with the time. Application is very easy to use and works on both Nokia 9110 and 9000i Communicator.

More information: <http://www.agora.cz>

Contact details: see page 68

## Celesta Smart Forms



### Communications-enabled databases

Celesta Smart Forms is a powerful Groupware solution for mobile professionals and work groups to store and browse information in easily customisable databases and to exchange data wirelessly using SMS and data calls.

Celesta Smart Forms provides better communications to your mobile users and increases productivity. Smart Forms has many happy customers in field and courier services, field sales, health service and many more.

Smart Forms allows you to connect external serial devices to the Nokia Communicator such as bar code readers or GPS receivers. You can also print or fax your forms. Exchanging file attachments such as images will soon also be possible.

### Smart Forms Server/NT and Smart Forms for Windows

Smart Forms is also available as a NT Server version as well as a Windows 95/98 client. Smart Forms Server can interface your mobile users with legacy systems such as Lotus Notes and Remedy AR. You can also write your own interfaces by using ODBC or database links (Oracle, SQL Server and MS Access supported). Smart Forms Server communicates over SMS by using attached Nokia phone/card or direct connection to the operators's SMSC (optional). Data call communications requires internet/intranet access point. You can use Smart Forms for Windows either on a laptop for mobile communications or in the office environment to share data in Smart Forms Server database.

More information: <http://www.celestatools.com>

Contact details: see page 68

## Corporate Time

# CS&T

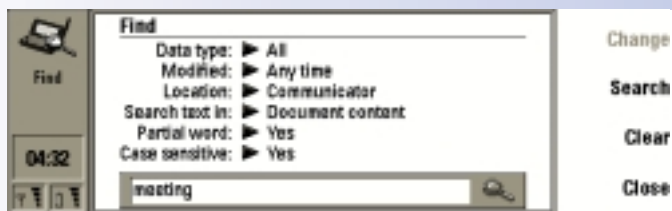
Real-time scheduling for your Nokia Communicator.

CS&T's Corporate Time is the leading enterprise-wide calendar and scheduling solution on the market that allows you to schedule people, time, and resources across time zones all in real-time.

More information: <http://www.cst.ca>

Contact details: see page 69

## Find

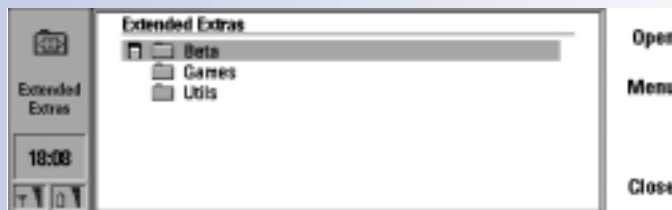


Find enables fast access to a specific information stored on Nokia 9110 Communicator browsing contents of different data using a "Global Search" function. Features:

- brows all documents files, calendar database and its memos, all contact databases, URLs, tones, images and folders
- scans for occurrences of given word including partial words in file names and / or file contents
- allows to scan data of any number of supported types
- scanning can be narrowed by time bounds
- found files or records can be opened via this application
- some general information about found data can be displayed
- enables to save search filter
- enables to save found items either in a format viewable by this application or as Note

Contact details: see page 71

## Extended Extras



Extended Extras provides application managing capabilities by allowing users to create own folders and managing applications in them. Applications can be installed and existing moved to Extended Extras easily.

More information: <http://www.ah-creations.com>

Contact details: see page 68

## Flex Order Taking




This is the standard solution for the efficient entering of order details in mobile computing using a Nokia Communicator. Thanks to a number of ready-made masks and database structures, you can install the system and have it up and running within no time at all. Yet the masks and databases are still flexible enough to allow full customisation. As all your application-specific data is saved to the Nokia Communicator, you can have the full range of functions at your disposal even if no GSM communications network is available at the time. As soon as you have entered an order, you can send it immediately - without any time lag - to your head office via a GSM network, so that it can be processed straight away. Your head office can fax the confirmation of the order directly to your customer, so that you don't need to carry a mobile printer with you. Increase the efficiency of your sales force - through error-free order entry, automatic order processing and state-of-the-art e-mail, SMS and Internet communication.

More information: <http://www.yellow.de>


Contact details: see page 73

## HITS



HITS  
Mobile

11:51



HITS Mobile

Order #: 100213      Type ► Order Completed ► Off

Ref: Bathyscope repair, stage 1

1238	10	PCS Marine Super VHS Video Pa
1306	2	PCS Underwater Altimeter
2314	8	PCS Electronic Console 3
2350	2	PCS Compass Console Mount
2954	1	PCS Dive Computer

Send ►

Inventory

Settings

Close

### Stock Control Solution by Arctic Net AS

HITS offers you the power to make your system produce orders, reorders, offers and invoices in the field. The program will send, for instance, job orders to your Nokia Communicator via fax, and when the job is finished, you can respond by uploading a complete order file containing order numbers and all the item IDs used.

More information: <http://www.arcticnet.no>

Contact details: see page 68

idealTime



iDEAL-TIME

iDealTime Calendar information. Namedays, how fish takes bite, sports, hockey, national holidays, traditional celebration dates.

iDealTime enables you to get best use out of your calendar. Now you can get information about namedays, when the fish takes a bite, national holidays and traditional celebration dates in Finland and in other countries.

You can use your calendar information to plan your travel, meetings and so on.

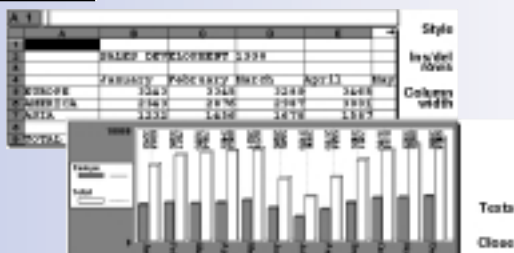
New calendar info available at idealTime website every month for registered users: [www.openinformation.fi/idealtime](http://www.openinformation.fi/idealtime)

idealTime is easy to use. Just select and install the information you need. And your calendar is ready to use at once. No need to learn any new programs. Just use your Nokia Communicator as usual.

More information: <http://www.openinformation.fi>

Contact details: see page 71

# Innolink



## Innolink Spreadsheet

The Innolink Spreadsheet is an add-on software application that runs in the Nokia 9110 Communicator. It is the world's first spreadsheet that can communicate using GSM short messages. This way your sales reports, product and client lists, project costs and schedules can always stay up to date in your Nokia Communicator.

### Features

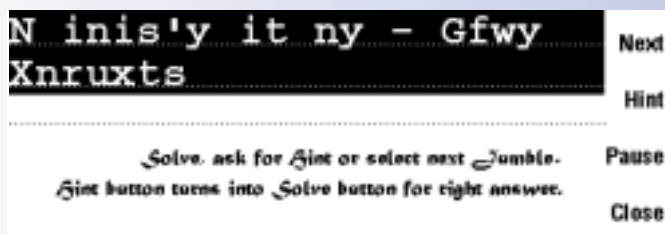
- Easy-to-use spreadsheet editor
- Mathematics and logic functions
- Bar and line graph presentations
- Macro programming language
- User forms with input fields & selection lists
- GSM short messaging for sending and receiving data
- Printing
- Faxing
- Mail
- Web download
- PC file transfer
- File exchange in .csv format with Microsoft Excel

The easy-to-learn macro programming language allows anybody to create their own business applications and make them communicate with other Nokia Communicators or corporate database servers.

**More information:** <http://www.innolink.fi>

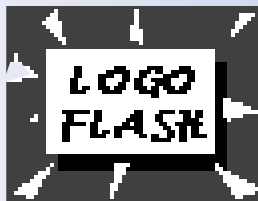
**Contact details:** see page 70

## Jupiter Jumble



Jupiter Jumble engages the user in the solving of cryptograms, short puzzles with jumbled letters. The cryptograms are available in various languages for download from the web at [www2.sysnet.net/~jupiterweb/index.html](http://www2.sysnet.net/~jupiterweb/index.html)  
 More information: <http://www2.sysnet.net/~jupiterweb/main.html>  
 Contact details: see page 69

## Logo Flash



Branding Application for Operators by PCS Innovations, Inc.

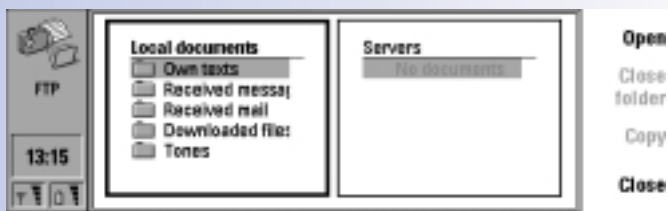
Logo Flash brands the Nokia Communicator with the operator's logo. Every time the user opens the cover of the Nokia Communicator, the operator's logo appears on the display for a period of two seconds. The logo can be loaded separately at any time.

More information: <http://www.pcsinnovations.com>

Contact details: see page 71



# File Transfer Protocol



With FTP (File Transfer Protocol) you can transfer files between your Nokia Communicator and an FTP server located anywhere in the Internet or in intranets. Before using this application, be sure to define your Internet access point in the Internet settings.

When you open the FTP application, you will see two windows on the display: the window on the left shows the folders of the Nokia Communicator, and the one on the right shows the list of servers you have defined. Use the Tab, or the left and right arrow keys to move between these two windows.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## Order/9000



**Order/9000 is Telepartner's Sales Quotation and Order Entry System for the Nokia 9110 Communicator range, providing comprehensive sales quotation, order selection, stock-enquiry, despatch and confirmation facilities.**

The system will be of benefit to any organisation involved in high volume or large range product sales. Its database is capable of handling up to 1000 customers, 10,000 products and 500 orders per device, and built-in intelligent search techniques make it highly suitable for organisations with many products or SKU's.

Product details (sizes, rates, prices etc) can easily be stored, retrieved and combined to produce complex quotations or order lists including calculations such as discounts, VAT etc. Created orders can then be stored and/or immediately sent back to base for processing or verification.

For ease of integration with invoicing and other backend systems, the system comes complete with server-based data collection and management software.

More information: <http://www.telepartner.co.uk>

Contact details: see page 72

## Personal AVUX



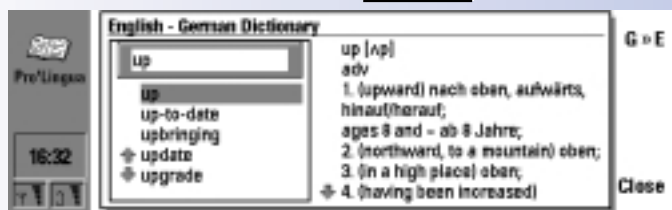
### Office in your pocket

Personal AVUX is a tool for your own Nokia 9110 Communicator. With it you can organize your contact information in a tree structure and search through customer related task history, which includes e-mails, faxes, SMS messages, comments about phone calls, meetings and other tasks. It also helps you to schedule your future tasks in a calendar and in a project plan. For follow up you can insert notes, driving distances, used or ordered supplies and durations of the tasks.

More information: <http://www.avux.com>

Contact details: see page 68

## Pro'Lingua Translator



Pro' Lingua from Yellow Computing Computersysteme GmbH, Germany. Available in the following language combinations:

- Deutsch /Englisch and English / German
- Deutsch / Finnisch and Finnish / German
- English / Finnish and Finnish / English

Each Dictionary has over 100.000 words featuring:

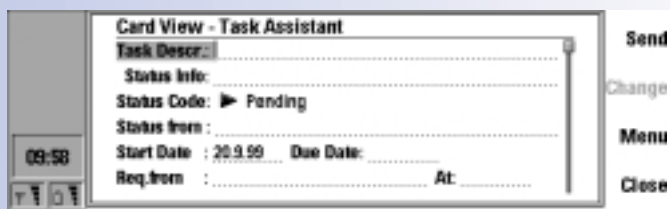
- bilingual user interface
- software options
  - phonetic alphabet
  - list of irregular verbs
  - online reference for grammar
- software is available preinstalled on a 16 MB memory card or on CD-Rom for easy installation via PC Suite
- future language options:

German / French / German, English / French / English, German / Italian / German

More information: <http://www.pro-lingua.com> and <http://www.yellow.de>

Contact details: see page 73

## Task Assistant



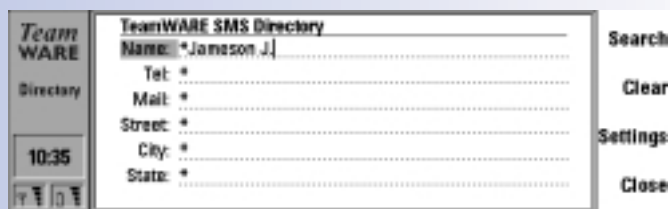
Task Assistant for Nokia 9000 Communicator and Nokia 9000i Communicators is an application for sharing tasks between Nokia Communicator users.

You can send tasks e.g. from manager to employees using Short Message Service (SMS) and make enquiries about the task status.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## TeamWARE SMS Directory



Contact information application by TeamWARE Group.

TeamWARE SMS Directory enables you to find the right and updated contact information from a LDAP-compatible directory. Just type in the search criteria and let the TeamWARE system work for you. You can search for phone numbers, street addresses, e-mail addresses etc.

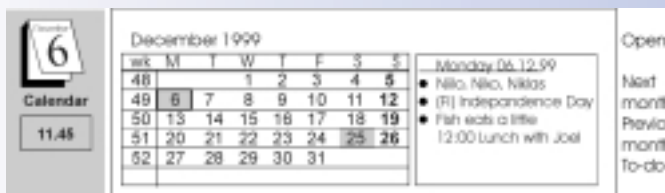
FEATURES:

- informs you via SMS messages of events related to:
  - Mailboxes, e.g. receipt of important e-mails
  - WWW sites, e.g. changes to certain sites
- forwards attachments (to fax)
- the agents works on your behalf 24 hours a day, 7 days a week.
- easy to set-up and use
- synchronizes calendars and appointments

More information: <http://www.teamware.com>

Contact details: see page 72

## Wireless Calendar Dock



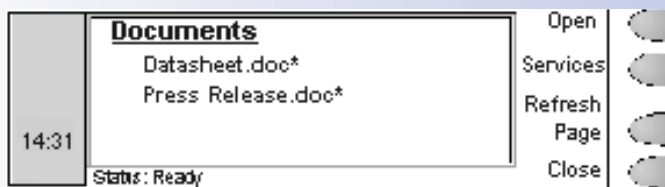
On-line calendar access gateway connecting Nokia Communicator with groupware such as TeamWARE calendar.

Keeps your schedules updated! You have your calendar all the time on-line with you and your team knows where you are. Wireless calendar dock keeps your Nokia Communicator calendar in instant sync with TeamWARE calendar all the time. Wireless calendar dock works with other vCal compatible calendar equipped phones such as Nokia 6110 and 6150. Get to-do list for tomorrow into your calendar from office without walking there! Supports also legacy phones.

More information: <http://www.openinformation.fi>

Contact details: see page 71

## Xerox Mobile Documents



Xerox Mobile Documents is an innovative solution from Xerox Corporation that provides access to documents and document services anywhere, at any time, through your Nokia 9110 Communicator.

It is designed to support the mobile professional, providing convenient, dependable access to documents stored on a remote computer.

Xerox Mobile Documents is a streamlined, wireless solution that lets you:

- Fax documents to any fax machine
  - E-mail documents to any e-mail address
- Instantly exchange documents with other users

More information: <http://www.xerox.com>

Contact details: see page 73

## Breadbox NBanker

### Portable Checkbook Solution by Breadbox Computer Company

Put your bank account on your Nokia Communicator. NBanker is compatible with Quicken or any financial program capable of importing/exporting Quicken files, for easy transfer of data to and from your PC. Also compatible with all other Breadbox, Brother, and New Deal Banker programs.

More information: <http://www.breadbox.com>

Contact details: see page 68

## Euroconverter

The Euroconverter will be of help for the new currency in Europe.

Exchange rate: The value here is the exchange rate from Euro to the currency of the selected country.

In the amount field you can enter the amount to be changed. If you enter 100 and select DEM for 100 German Mark the program will calculate the rates for the Euro on top of the right side scale as well as the exchange rates for the other countries. The exchange rates are updated when you select another currency from the list or by any change of the amount value.

The Exchange rates for the EU-countries are fixed and conform to the EU conversion (L 359 31.12.1998) and the other for the Non-EU-countries are configurable.

Shareware with registration key. Key is valid for Nokia-, Zoomer- and Desktopversion!

More information: <http://www-city.europeonline.com/private/nsch/>

Contact details: see page 71

## Online Banking



Online Banking (available only in Germany) is an application to manage your bank accounts using the Nokia 9110 Communicator. The account information is retrieved via the German T-Online service directly from the BTX/ZKA pages of your bank institute.

The application can handle up to 8 different bank accounts simultaneously. An Online-update option allows you the easy installation of new bank accounts at any time.

Contact details: see page 71

## Mobile Bank



### Homebanking Solution by Quadriga

With this application you have the chance to perform a limited number of banking operations, which typically you'll do on an ATM machine or in your own bank.

The operations allowed with Mobile Bank are as follows:

- Utilities Payment (phone, water, electricity and others);
- Account Balance;
- Movements;
- Cheque Re-Ordering.

This application uses the Short Message Service (SMS/PP) which is supported by GSM network, allowing direct communication between you and the bank. Note that the SMS message construction isn't directly your concern.

More information: <http://www.quadriga.pt>

Contact details: see page 71

# Money Tracer



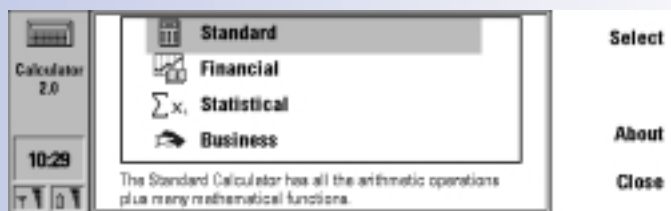
## Banking Application by Quadriga

Money Tracer 1.0 enables you to track your expenses and income. You can check all transactions reported in your bank balance. All expenses and income can be classified according to preset or user defined categories: food, education, home, car, etc. Reports can then be generated from the register of transactions.

More information: <http://www.quadriga.pt>

Contact details: see page 71

# QuadCulator



## Calculator by Quadriga

QuadCulator consists of four calculators: standard, commercial, financial and statistical. The commercial calculator handles retail type calculations; the financial calculator calculates savings, loans, credit; and the statistical calculator handles various statistics.

More information: <http://www.quadriga.pt>

Contact details: see page 71

QuadLex



The screenshot shows a mobile application interface for QuadLex. On the left is a sidebar with a 'QuadLex' logo, a clock showing '10:10', and three small icons. The main screen is titled 'Event A108' and contains the following fields: 'Communicate (with client)', 'Billing status' (set to 'charge'), 'Rate' (set to '20'), 'Duration' (set to '0:10:00'), 'Value' (set to '3.30'), and 'Description' (set to 'Phone Call'). On the right, there is a 'Clock' section with a digital display showing '0:10:00' and buttons for 'OK', 'Start', 'Reset', and 'Cancel'. Below the clock, there are labels for 'Minimum time charge' (18 minutes), 'Chargeable time' (8:10:00), and a 'Cancel' button.

QuadLex provides powerful time billing capabilities for mobile service professionals such as attorneys, accountants, etc. with link capabilities to Timeslips and other time and billing software on PC.

More information: <http://www.quadriga.pt>

Contact details: see page 71

## Mobile Banking



This Mobile Banking solution is developed exclusively for the Nokia 9110 Communicator. It is one of few mobile banking systems on the Nokia Communicator that implement point-to-point encryption for its SMS-based communication.

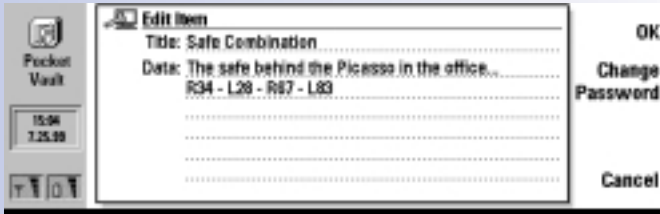
This multi-account, multi-currency system provides features like:

- On demand public information: product info, interest rates & exchange rates.
- On demand private information: Balance inquiry of individual account as well as consolidated account and review of last transactions.
- User Defined (push) Alerts: On Credit / Debit for each account. This feature enables the system to automatically alert (via SMS) the customer for every debit / credit transaction on the account defined.

Contact details: see page 70



## Breadbox Pocket Vault



Now you can safely and confidently store away all of your personal and confidential information right on your Nokia Communicator.

PocketVault provides password protection, special encryption, and plenty of room for all of your confidential information. All nicely tucked away in one convenient location on your Nokia Communicator.

More information: <http://www.breadbox.com>

Contact details: see page 68

## IntelliMigrate



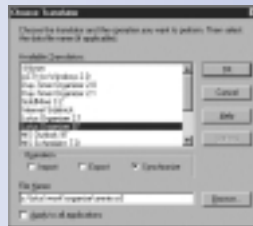
Move data easily from existing PDA to your Nokia 9110 Communicator.

IntelliMigrate moves your calendar, contacts and to-do-list data from Sharp, HP, Casio, Windows CE handheld devices, eliminating the time-consuming, error-prone task of manually re-entering all your existing data. IntelliMigrate runs on a desktop PC. IntelliMigrate is also available for the Nokia 9000 Communicator and the Nokia 9000i Communicator.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## IntelliSync



**Data Synchronization System by Puma Technology, Inc.**

With IntelliSync you can easily synchronize your PC data with your Nokia Communicator.

IntelliSync enables you to synchronize calendar, contact, and to-do list information between your Nokia Communicator and multiple PC applications, including MS Outlook and Schedule +, Lotus Organizer, Day-Timer Organizer, and more.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## My Flash



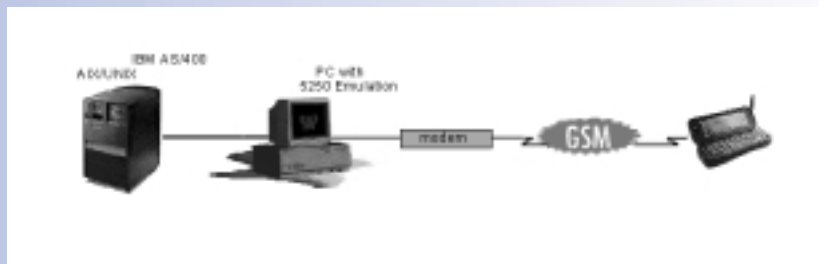
**Personalized and Customizable “Screen Saver” with password protection by PCS Innovations, Inc.**

My Flash displays your personal bitmaps on the screen of the Nokia Communicator each time it opens or when it is awakened from the power saver mode. My Flash also has a password mode so that you can protect confidential data. Great for branding, identifying, and protecting your Nokia Communicator.

More information: <http://www.pcsinnovations.com>

Contact details: see page 71

## AGUARD



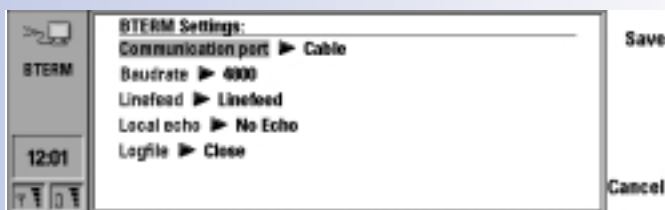
Leave your laptop at home, just take the Nokia 9000 Communicator or Nokia 9110 Communicator with you and our AGUARD

Paging and Monitoring software will not only give you a paging message of your system in trouble, but with the JCS-REMOTE-NOKIA option we also give you a full screen IBM AS/400 Emulated session to react immediately on the problem.

More information: <http://www.jcsint.com>

Contact details: see page 70

## BTERM



BTERM is a small VT320 (ANSI X3.64 and VT100 are subsets of VT320) terminal emulator. It can be used to upgrade the romcode of a router (it can do Xmodem), as a console for SPARCstation and to transfer files between two Nokia Communicators via IrDA.

More information: <http://www.bbbs.net/nokia>

Contact details: see page 69

## Terminal 9000



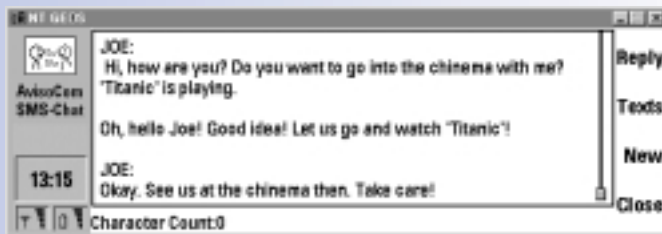
One of the obvious functions missing from the Nokia 9000 Communicator and Nokia 9110 Communicator is one to allow you to use the serial port to communicate with other local devices. Terminal 9000 lets you do just this.

If you have engineers in the field who need to interrogate devices or program routers, phone systems etc. they can do it with Nokia 9000 Communicator and Nokia 9110 Communicator and Terminal 9000. Works with both cable and infrared ports! Text file transfer facility lets you exchange files with the remote device.

**More information:** <http://www.autopage.ltd.uk>

**Contact details:** see page 69

## AvisoCom SMS-Chat

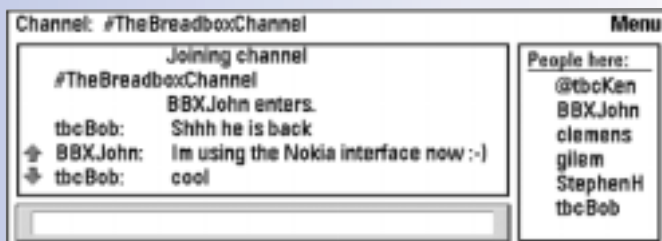


The new application (AvisoCom SMS-Chat) can be used to read and write sms-messages and provides an interface similar to chat applications, i.e. one can read all the messages sent and received to/from a particular person on one screen (scrollable). It is also possible to answer to this particular person with one single button press after having written the answer text into the screen. From a list which has an entry for each person a message has been received from, the user can choose a particular person to view the correspondences with it on one screen (and answer immediately).

More information: <http://members.magnet.at/avisocom/inhalt.htm>

Contact details: see page 68

## Breadbox NChat



Turn your Nokia Communicator into a powerful business tool and have private, non-audible, documented conversations with one or several business associates. Document the conversation and immediately e-mail or fax it right from your Nokia Communicator! Breadbox NChat now makes it all possible.

More information: <http://www.breadbox.com>

Contact details: see page 68

## Evolving SMS Server



SMS server by ÖÖ-Evolving Office Oy

Evolving SMS Server provides you with SMS-based office applications. Evolving SMS Server is an effective tool for creating SMS based office applications, ordering systems and value added services. It can be used to retrieve or update information in the Internet.

**More information:** <http://www.oee.fi>

**Contact details:** see page 73

## Inquisit



**Personal Business Intelligence Service**

- Information you can act on about the people, products, companies and topics that impact your bottom line
- Delivers right to your e-mail and on the days and times that work best for you
- Easy web and e-mail forms - no software to load or download

**FEATURES:**

- Your own staff of personal agents
- Worldwide sources
- Your own personal delivery schedule
- All you need is e-mail

**More information:** <http://www.inquisit.com>

**Contact details:** see page 70

## Remote Update9110



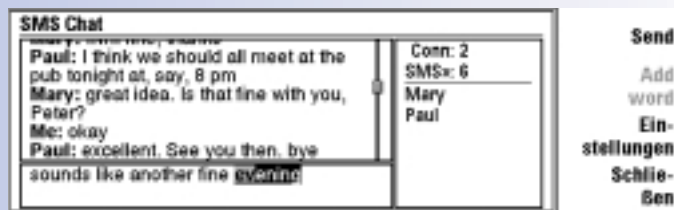
A remote update system from Yellow Computing Computersysteme GmbH, Germany. This software allows the remote distribution and administration of data and programs on a 9110 communicator. The update process is controlled and monitored by SMS messages. Any GSM-accessible FTP-Server can act as a data source.

Now you can easily update and administrate all your 9110 devices spread all over the world by sending a few SMS messages.

More information: <http://www.yellow.de>

Contact details: see page 73

## SMS Chat



The SMS Chat application allows the creation of an peer to peer chat network between several Nokia Communicators. If you want to create a chat, you simply send "invitations" to other Nokia Communicator users. If they confirm, they enter the chat. The chat is held via SMS messages between the devices. There is no special chat server required. The application also allows to merge two separate chats, if required.

More information: <http://www.yellow.de>

Contact details: see page 73

## TeamWARE SMS Agent



TeamWARE SMS Agent enables you to be more efficient and get smart notifications of e.g. important new incoming mail, or even to get documents attached to the e-mail messages to be faxed to your Nokia Communicator.

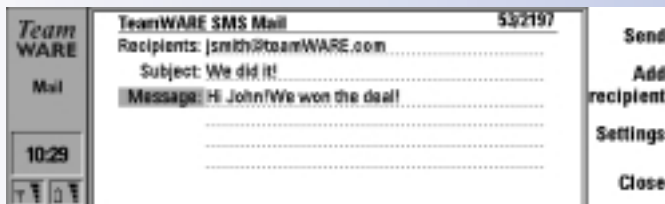
### FEATURES:

- informs you via SMS messages of events related to:
  - Mailboxes, e.g. receipt of important e-mails
  - WWW sites, e.g. changes to certain sites
- forwards attachments (to fax)
- the agents works on your behalf 24 hours a day, 7 days a week.
- easy to set-up and use
- synchronizes calendars and appointments

More information: <http://www.teamware.com>

Contact details: see page 72

## TeamWARE SMS Mail



### Instant wireless e-mail by Fujitsu Corporation

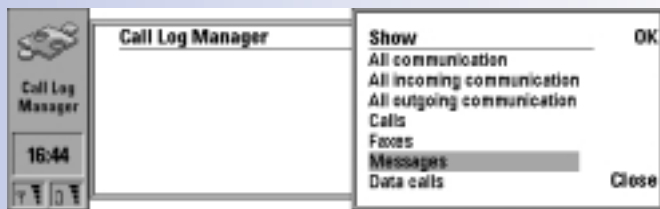
ByeDesk SMS Mail enables you to communicate with any mail user in the Internet. You can send/receive e-mail messages up to 2280 characters long to/from any Internet mail address, picking e-mail addresses directly from the Contacts directory of your Nokia Communicator.

More information: <http://www.teamware.com>

Contact details: see page 72



## Call-Log Manager



The Nokia Communicator has a detailed call logging facility which keeps a record of all incoming and outgoing communication between your Nokia Communicator and the world. However, there is no way to access this information apart from viewing it on your Nokia Communicator's screen. Call Log Manager allows you to export the current contents of the log to a .CSV format text file for exporting to a PC and analysing in a spreadsheet.

More information: <http://www.dchapman.com>

Contact details: see page 68

## Solid Light Client



Embeddable data management system by Solid Information Technology Ltd.

Solid Light Client is a database client software library that allows remote access to the Solid server database from your Nokia Communicator. Solid Light Client provides a standards-compliant interface, with full SQL capabilities and a minimum footprint of only 33kB, thus making it ideal for mobile and embedded systems.

More information: <http://www.solidtech.com>

Contact details: see page 72

## TBS TextPhone 9000



TextPhone Terminal by Technological Business Solutions Ltd.

TBS provides a mobile solution for hearing impaired people. Coming to the U.S. this Fall, the TextPhone application offers a traditional text phone to help hearing impaired persons communicate with other people.

More information: <http://www.tbssystems.co.uk/handhelds>

Contact details: see page 72

## Telesta Mobile TextPhone



Telesta's Mobile TextPhone Service is a text-grade service that is truly mobile, offering the same functionality as voice-grade services. The service includes unique features as international calls, call forwarding, and text-mail.

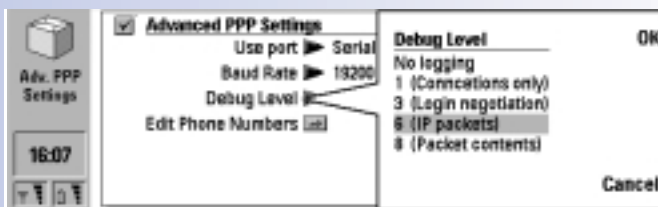
The text-grade service handles calls to or from a Mobile TextPhone in a transparent way.

Subscribers can call anyone anywhere without having to worry about any specific settings pertinent to regional or national text phone standards. International calls are no longer a tedious problem. The user simply types a phone number and executes the call directly to that number.

More information: <http://www.telesta.com>

Contact details: see page 72

## Advanced PPP Settings



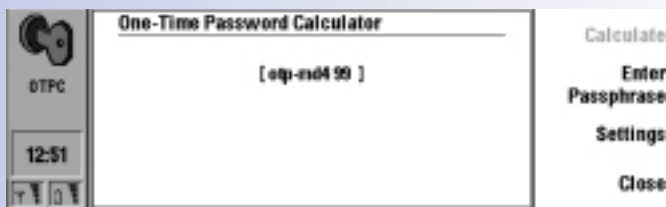
This program gives access to a few PPP-related configuration options that would otherwise not be available to an end-user. It can be used for enabling two different features:

- Setting up PPP connections through an external modem attached to the Nokia Communicator's serial port, e.g. for connecting to a regular analog phone line.
- Debug logging for troubleshooting connection problems.

More information: <http://www.mgroeber.de/nokia.htm>

Contact details: see page 70

## OTP Calculator



A one-time password calculator is part of a one-time password (OTP) system (formerly known as S/Key system). Typically, one-time passwords are used with remote login software such as telnet and ftp.

More information: <http://www.dcs.shef.ac.uk/~tomas/otp.html>

Contact details: see page 68

## Personal Navigation

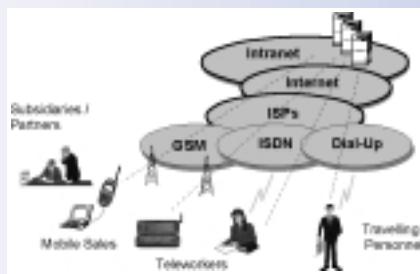


Personal Navigation gives information about your location via the Internet. With Personal Navigation you can search for touristic and "yellow pages" information on your location, check the maps of cities and regions and select a topic of which you want to know more.

More information: <http://www.univercell.com>

Contact details: see page 72

## TeamWARE Intranet Security Server



### Encrypted Virtual Private Network for Nokia 9000 Communicator

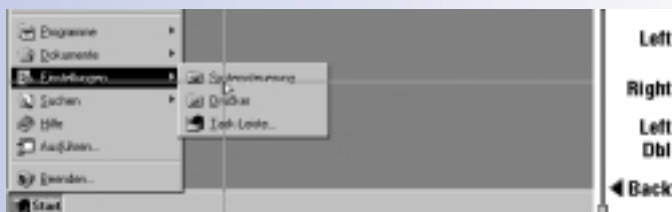
#### FEATURES:

- Provides authorised users of Nokia 9000 Communicator security client with secure encrypted tunnels to your corporate Intranet over GSM and public Internet
- Working at the IP network layer, the product is transparent to all TCP and UDP applications
- Is quick to install, easy-to-run and completely transparent after login
- Integrates with existing systems without the need to modify applications, servers or network configurations
- Consists of client software installed in Nokia 9000 Communicator and server software installed in a PC running between public network and a corporate Intranet
- Supports symmetric key lengths up to 256 bits. Authentication is based on public key technology
- Complements firewalls to further strengthen your overall corporate security policy

More information: <http://www.teamware.com>

Contact details: see page 72

## VNC Client



The VNC Viewer lets you remotely access a machine running a version of the VNC Server (e.g. Windows 95/98/NT, X-Windows, Macintosh) from a Nokia Communicator. The connection can be made through the Internet or via RAS dialin. Full screen graphics of the machine under control are available on the phone, and both mouse and keyboard commands can be executed across the network.

More information: <http://www.mgroeber.de/nokia.htm>

Contact details: see page 70

## w-Bank



Wireless Banking by w-Trade Technologies Inc.

w-Bank provides real time wireless banking at your convenience. With w-Bank you can view account balances and transactions, transfer funds, receive and pay bills, and manage checking, savings, investment, and credit accounts wirelessly from the palm of your hand.

More information: <http://www.w-Trade.com>

Contact details: see page 72

## Wireless Internet Trading System



### Wireless Trading by w-Trade Technologies Inc.

w-Trade provides real time links to any brokerage or financial institution. With the w-Trade wireless trading system, you can track the market for timely trading opportunities with Intelligent Alerts™, receive real-time quotes and financial information, trade stocks, bonds, options, or any other financial instruments, manage portfolios and accounts, and get immediate trade confirmations.

More information: <http://www.w-Trade.com>

Contact details: see page 72

## Global Medic Wireless Selfcare



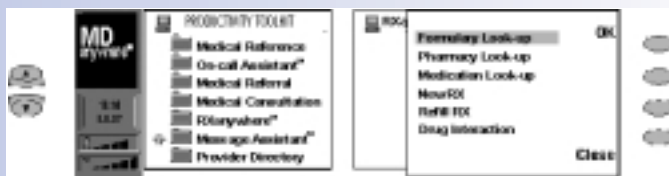
Welcome to GlobalMedic Wireless Self Care Solutions for the Nokia 9000 Communicator.

- Check Up: The GlobalMedic Check Up is the first online symptom-diagnosis application for the consumer.
- First Aid: The first aid section will provide a quick reference guide to treat common ailments.
- Encyclopedia: The GlobalMedic Encyclopedia provides health information. Our easy-to-use Encyclopedia covers medical terms found under friendly headings.
- Pharmacist's Advice: GlobalMedic offers a series of Pharmacist's advice on what over-the-counter products to use for specific treatment.
- Interactive patient file.

More information: <http://www.globalmedic.com>

Contact details: see page 69

## MedPEN Healthcare Assistant



Productivity Communication Tools for the Healthcare Industry

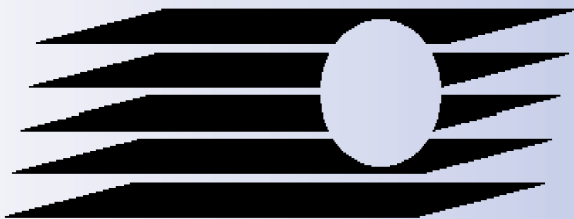
FEATURES:

- Provides the busy physician with access to medical reference texts "on the go"
- Insures continuity of care by providing access to medical history and treatment records during "off hours" from any location
- Enables medical patient referral electronically
- Enables electronic prescription writing
- Provides access to MedPEN's data messaging center ("MedPEN Central") 24 hours a day

More information: <http://www.medpen.com>

Contact details: see page 70

## PalmVUE and ECGstat



### Wireless Telemedicine and Home Healthcare solutions

#### FEATURES:

\* Review 12-lead and rhythm strip ECGs sent from the CCU or ER on the 9000 and simultaneously consult back to the units via the speaker phone capability.

\* Search the MEDLINE and other Internet accessible databases from the bedside or your car while travelling between different care sites.

**More information:** <http://www.datacrit.com>

**Contact details:** see page 69



## Best Practices



**Mobile Health Care Solution by Orchid Systems, Inc.**

Orchid Home health care practitioners and traveling medical specialists review and update procedural checklists. These checklists can be reviewed and updated online to eliminate the timing problems associated with paper records. Insurance payment codes can be completed at the same time as the consultation to eliminate errors and to accelerate payments.

**More information:** <http://www.orchidsys.com>

**Contact details:** see page 71

## Cash Collections



**Utility Cash Collections by Orchid Systems, Inc.**

Helps utility companies bring overdue accounts current, rather than cut off service, in order to maintain the service revenues. This application provides the latest information about the account, including prior agreement history. It simplifies entry of the negotiated agreement with the immediate payment amount and the promised payment schedule to bring the account current.

**More information:** <http://www.orchidsys.com>

**Contact details:** see page 71

## Infinite Interchange



Provides remote access to your network e-mail using the Nokia 9000 Communicator  
FEATURES:

- An Internet/intranet-based e-mail server, based on today's open standards
- Provides local and remote access to network e-mail via IMAP4, POP3, Web/HTML, and HDML
- Serves as an e-mail gateway, offering message transport from the network over the Internet to other sites
- Supports e-mail programs as diverse as BeyondMail, cc:Mail, DaVinci eMAIL, Eudora, ExpressIT! 2000, Microsoft Exchange, Microsoft Mail, and more
- Includes NNTP support for access to local and Internet newsgroups

More information: <http://www.InfiniteMail.com>

Contact details: see page 70

## Inspection



### Inspection

Dispatch inspectors to their next destination and provide them with complete information on prior violations. Information from any regulatory source may be retrieved and updated quickly. For example, tracing the inspection history of an elevator is provided online. Entry of the current inspection results eliminates errors and delays. Enforcement agencies see warrant information immediately to improve safety and efficiency.

More information: <http://www.orchidsys.com>

Contact details: see page 71

## Materials Management



### Materials Management

On-line order inquiry and updates help people use machines and materials most efficiently. As the supply chain shortens from the manufacturer to the consumer, this application simplifies issues and receipts among each order type. Sales and service orders may be reviewed and updated on-line. Tracking progress details can improve everything from customer satisfaction to waste management.

More information: <http://www.orchidsys.com>

Contact details: see page 71

## Orchid Controller



### Interaction Server

Connectivity and communications solution for simplifying the integration between the telephone company and the end user computer system. This is the way to simplify your Internet interaction using wireless devices. The URL and forms you specify will match the Nokia Communicator display. Even legacy applications may also be translated for easy use through the terminal mode or the browser mode. For example, providing an easy login to IBM mainframes using the Nokia Communicator. The desired key mapping and simpler application interactions are provided.

More information: <http://www.orchidsys.com>

Contact details: see page 71

## Order Management



Orchid

Orchid wireless applications help employees make timely decisions which improve field operations. Telephones, pagers and palmtop computers, as opposed to pencil and paper, may now be used at the point of action to verify current instructions or to update records for the rest of the enterprise. As a result, errors are eliminated and productivity improves.

Order Management helps field operators verify the latest order details and to complete transactions remotely. Changes, requested schedules and related accounting are each current when viewed by the rest of the employees in the organization. Order types managed include Sales Orders, Purchase Orders, Work Orders, Maintenance Orders and Inspection Orders.

**More information:** <http://www.orchidsys.com>

**Contact details:** see page 71

## Utility Management



Orchid

Orchid wireless applications help employees make timely decisions which improve field operations. Telephones, pagers and palmtop computers, as opposed to pencil and paper, may now be used at the point of action to verify current instructions or to update records for the rest of the enterprise. As a result, errors are eliminated and productivity improves.

Transactions Utility Management helps field operators verify the latest order details and to complete transactions remotely so that changes, requested schedules and related accounting are each current when viewed by the rest of the employees in the organization. Transaction types managed include: Collections, Service Orders, Work Orders, Maintenance Orders and Inspection Orders.

**More information:** <http://www.orchidsys.com>

**Contact details:** see page 71

## WebShaper



### WebShaper

WebShaper allows employees to interact with their existing software applications through wireless pagers, telephones and palmtop computers. As opposed to rewriting source code for legacy applications, the screens are simply translated in real time for practical use through portable device displays. Pilot projects may also be quickly deployed.

Large organizations run terminal applications on systems such as IBM mainframes and fault tolerant Tandem systems that contain information allowing employees in the field to be most productive. Allowing terminal applications to be interactive through the special display and buttons of wireless devices is achieved by WebShaper.

**More information:** <http://www.orchidsys.com>

**Contact details:** see page 71

## AVUX



**For work outside the office.**

Avux system is a tool for the whole organization. It's specially planned to serve field work. Avux system handles information about customers, projects, ordered or alerted tasks, resources and supplies.

The employees of the organization can handle real time information wherever they are with Nokia 9110 Communicator, Window's softwares and internet browser.

**More information:** <http://www.avux.com>

**Contact details:** see page 68

## Breadbox QuickWire tool



QuickWire Tool - a fantastic new wireless solution for the publishing industry! If you are a newspaper, magazine or other journalist using Nokia Communicator, you will definitely want the proven Breadbox QuickWire Tool which only now becomes available for the Nokia Communicator.

Breadbox QuickWire Tool is specifically designed to enable journalists to quickly draft reports on their Nokia Communicator and transmit them directly to the publisher's destination news wire system. In addition to benefiting from all of the other great features included with the Nokia Communicator, journalists will find the combination of the Breadbox QuickWire Tool and the Nokia Communicator to be so powerful that it will quickly become indispensable.

Send the latest breaking news in fast and first. No more waiting for a telephone or trying to dictate a story via your cell phone. Don't have your laptop and modem handy? No problem. With Breadbox QuickWire Tool you now have a wireless solution.

Breadbox QuickWire Tool is designed to work with the QuickWire news wire system. QuickWire Tool may not function properly with some proprietary and other systems. If your company uses another system, Breadbox can contract with your staff to make the appropriate custom modifications necessary to meet your needs.

**More information:** <http://www.breadbox.com>

**Contact details:** see page 68



## FieldForce Connector



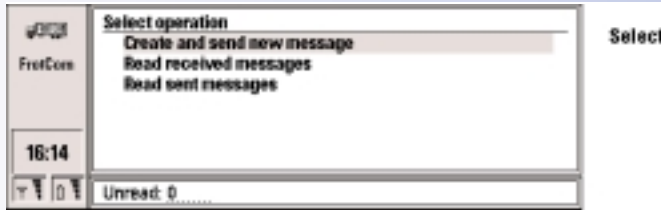
The Connector is a companion product to the FieldForce job management system produced by FastForward Data Systems Ltd. It uses SMS messaging to enable job information to be sent to and from a central unit and remote users on the Nokia 9110 Communicator.

It has access to databases of jobs and parts and within these parameters it accepts fields for part assignment and updates of job status (with a variety of options covering the entire cycle). In partnership with the primary product (FieldForce) it enables proactive job despatch and management using remote operators.

More information: <http://www.fastforward.co.uk>

Contact details: see page 69

## FrotCom 9000



Fleet management system by Quadriga

FrotCom 9000 is a special version of Quadriga's fleet management system, FrotCom, that permits positioning of the vehicles on a fleet and messaging between the dispatch centre and the vehicles.

More information: <http://www.quadriga.pt>

Contact details: see page 71



## Graphic Point



Graphic Point extends Nokia 9110 Communicator for the latest short messaging (SMS) features that are not supported by default. Following special message formats will be available to the Nokia 9110 Communicator with Graphic Point:

- Operator Logo
- Group Graphic (Caller Icon, Caller Graphic)
- Picture Message
- Flash SMS (class 0 SMS)

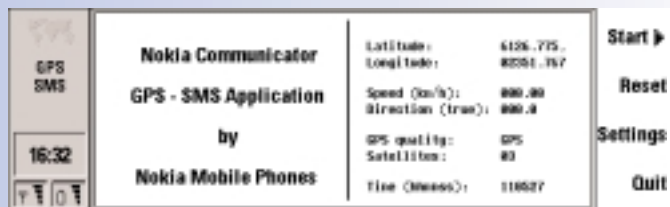
Graphic Point has built in graphic editor for designing own logos and support for several graphic file formats for importing and exporting such as .jpg, .gif, .bmp, .ngg, .nol, .wbmp, .nlm.

Graphic Point adds also support for receiving Group Graphics and Picture Messages directly to your Nokia 9110 Communicator. You can exchange logos with other GP users as well as use the Picture Messaging with the other phones with same capability.

More information: <http://www.ah-creations.com>

Contact details: see page 68

## GPS-SMS

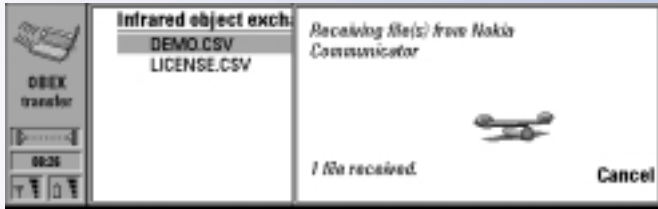


GPS-SMS is a GPS receiver connectivity application, which enables position information transfer from a GPS receiver to the Nokia Communicator. This GPS-SMS application shows on the Nokia Communicator screen position information (co-ordinates in longitude and latitude, time, velocity and direction, the number of satellites available, and whether you are using differential correction or not) received from the GPS receiver. You can send this position information further by SMS to another GSM phone or via cardphone to a PC. If you want to see the location in a map from your PC screen you will additionally need a Map Database Software. This GPS-SMS application supports GGA- and VTG-frames of NMEA (National Marine Electronics Association) 0183 protocol over serial cable link between a GPS receiver and the Nokia Communicator. You can download this application free.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## Infrared Object Exchange



Infrared Object Exchange Application for the Nokia 9110 Communicator

The Infrared object exchange is an application for the Nokia 9110 Communicator which enables file transfer over infrared between the Nokia Communicator and

- another Nokia Communicator (9110 or 9000i) having this software
- Hewlett Packard's CapShare 910 scanner
- any other device that supports IrObex (infrared object exchange protocol)

Object Exchange allows you to capture documents from the Hewlett Packard Capshare 910 device to your Nokia Communicator via an infrared IrObex connection, and forward them as a fax or e-mail attachment.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## mTrack - Mobile Tracking and Communication System



mTrack- Mobile Tracking and Communication System is based on wireless communication applications. The system enables real-time and precise tracking from PC/web workstation at dispatch headquarters. mTrack combines automatic vehicle location (AVL), maps, job despatching, remote monitoring, and alarming with two-way messaging. The system is fully scalable.

With mTrack the status and exact location of each object or group of object can be seen and information can be sent to the object and objects can communicate back. A message can be distributed simultaneously to multiple objects based on pre-determined list or selecting from the map.

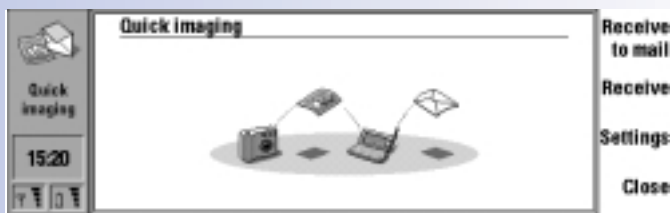
mTrack's positioning is based either on Global Positioning System (GPS) or on cellular network positioning where available. The location information is transmitted via wireless network either automatically or when user of mTrack's mobile device user does so or on request (if granted) made by mTrack server.

mTrack's main features for Communicator are position based messaging, information/task/job/status/etc. messaging between office and mobile person, showing position for the user, alarm messaging and remote configuration.

More information: <http://www.meridian.fi>

Contact details: see page 71

## Quick Imaging



Now you can communicate easily with an IR-TranP equipped digital camera using Nokia 9110 Communicator. Quick Imaging application automates image transfer between Nokia 9110 Communicator and digital cameras. Quick Imaging provides three new features:

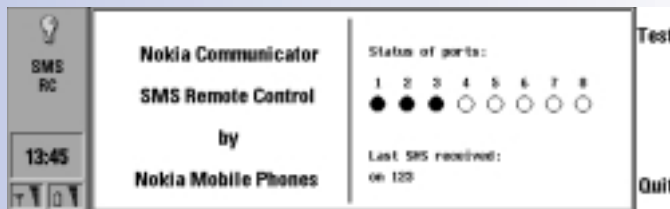
- Enhanced image download into Communicator an automatic conversion to jpeg format
- Optional storing of images in the memory card
- Automatic integration to e-mail application - downloaded file is automatically attached to a new e-mail message.

You can send downloaded images to your friends or colleagues from the Communicator by e-mail or fax. You can also send them to a dedicated WWW site for storage and sharing. You can also easily attach them to a contact card. The possibilities for wireless imaging are endless!

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## SMS Remote Control



SMS Remote Control is a RS-232 Serial Port connectivity application.

With this application you can use standard GSM cellular phones (Nokia, Ericsson, Siemens, Motorola etc.) to send SMS messages (commands) to the Nokia Communicator.

This application receives SMS messages (commands) and send those message commands via serial cable (DLR-1, DLR-2) through RS-232 port to the Hardware device. SMS Remote Control Application is running all the time in background. After Nokia Communicator gets right kind of SMS ( //BLIT11 ...) the application will automatically send this command further if the cable is connected and the Hardware device is OK. As SMS Remote Control Application is extremely open and easy to use, it may be used in several application areas: locking, heating, lighting, elevators, electrical and energy networks, water supply, industrial controls and alarm handling, various automates, electric commerce, sales support, information systems, vehicle and cargo tracking etc. Next step could be 2-way dialogues and controls with Nokia Communicator and hardware device. You can download this application for free.

Contact details: see page 71

## TBS TrackMaster

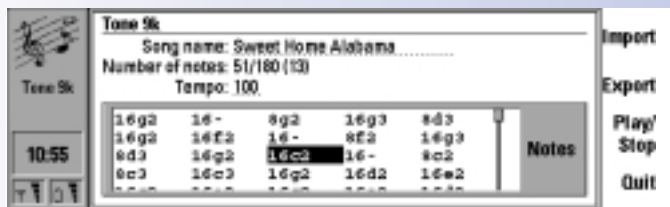


TBS TrackMaster provides a cost effective GSM solution for vehicle location and telemetry. The TBS TrackMaster uses ISDN fast connection technology to deliver positions from a mobile unit. It allows the location and progress of vehicles to be followed on a map display.

More information: <http://www.tbssystems.co.uk/handhelds>

Contact details: see page 72

## Tone 9k



Tone 9k allows ringtone conversion between several different formats and Communicator ringing tone format. User can compose with textual note display that is derived straight from conventional Nokia gsm phones, like 3210. Conversion is possible from e.g. MID (PC-Composer), RTTL (Ringing Tone Text Transfer Language) and from several other GSM phone notes.

Tone 9k is the extension to be used with Communicator own Composer. Together they extend ringing tone support beyond any other.

More information: <http://www.ah-creations.com>

Contact details: see page 68

## Track-IT



Yes, now you can fully automate your job dispatch and field reporting operation thanks to the comprehensive and versatile solutions provided by End2End. What's more, End2End lets you know where all field-based staff are all of the time and what they are doing. This is achieved by combining the visual display techniques of automatic vehicle location with job dispatch and reporting systems. These procedures can even be integrated with most existing call centre/ call logging software to provide a seamless package and release valuable staff for other duties.

Automatic Vehicle Location from End2End is based on proven mapping software where the customer decides the level of maps required. This utilises the freely available global position system (GPS) for accurate satellite location information. This position is forwarded to the control centre in seconds via the GSM short message service. User configurable update timing lets you determine running costs.

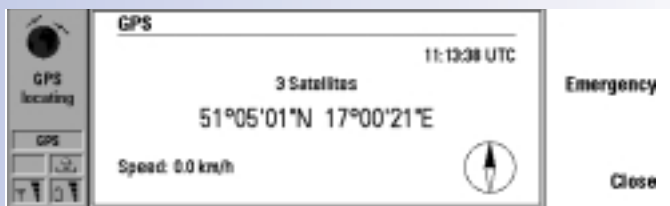
Vehicle status and grouping allows you to display only the relevant vehicles at any one time. There's no point showing delivery vans when you are looking for a service engineer! Or service engineers who are on an all day job when you want one now.

With an End2End solution tailored to your needs, efficiency can be measured in cost savings, increased productivity and customer satisfaction - not to mention fewer headaches in the control centre.

**More information:** <http://www.endtoend.co.uk>

**Contact details:** see page 69

## Universal GPS Client



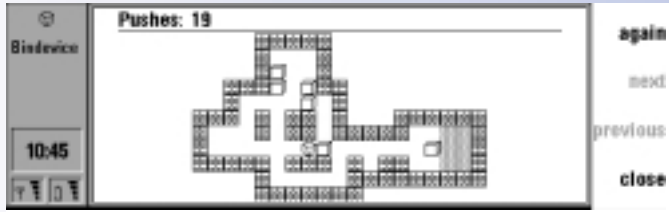
**A GPS client software from Yellow Computing Computersysteme GmbH, Germany.**

The Universal GPS Client is a connectivity application which supports the automatic position tracking of a 9110 device connected to GPS receiver. The GPS data is send periodically by SMS or can be monitored using request SMS-messages. The SMS message format is compatible with Internet based systems like WEBFLEET or PC based systems like Map&Guide etc. On the 9110 Screen all important GPS data is displayed and a notification system is also included in the GPS application. An Emergency-button allows to act fast in critical situations. All system settings like tracking cycle, geographical area, speed detection etc. are remote configurable.

**More information:** <http://www.yellow.de> and <http://www.webfleet.de>

**Contact details:** see page 73

## Bindevice



Bindevice has 85 fields!! It allows you to go to whatever field you like to solve. Bindevice also saves the high-score.

More information: <http://www.yaws.dk/communicator>

Contact details: see page 71

## Breadbox 3-Game Pak

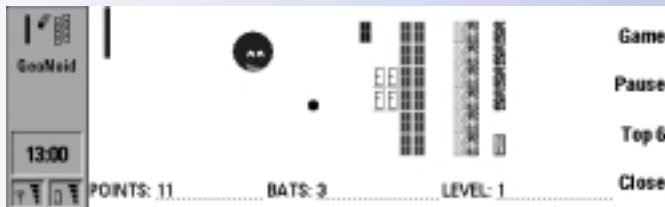


Think you're a good game player? You may need to bring a magician along to beat the Breadbox games; Magic, Memory and Twister. Oh, one more thing. We recommend you have a fully charged battery and AC adapter available before playing.

More information: <http://www.breadbox.com>

Contact details: see page 68

## Breadbox NArCADE Game Pak



3-arcade games, GeoNoid, VacMan and Ping Pong, in one package to challenge your skills available for desktop and Geobook. Check it out now! 3 game NArCADE Pak now available for the Nokia 9000 Communicator and Nokia 9110 Communicator.

More information: <http://www.breadbox.com>

Contact details: see page 68

## GeoNoid level-editor

This is a simple level-editor for the Breadbox program "GeoNoid9000".

It's freeware written by Jörg Polzfuss.

More information: <http://user.cs.tu-berlin.de/~pilz/geos.html>

Contact details: see page 71

## BZRobots



BZRobots is a classic game ported to Nokia Communicator. The main idea is that you are chased by robots, and the aim is to make robots crash into each other before they get you.

More information: <http://www.bbbs.net>

Contact details: see page 69

## Classical Game Series



Board games by PCS Innovations, Inc.

The Classical Game Series offers three different games to be played in three different ways. The Classical Game Series includes three exciting board games to be played against your Nokia Communicator, against a friend using your Nokia Communicator or via SMS. The games are Checkers, Chess and Reversi.

More information: <http://www.pcsinnovations.com>

Contact details: see page 71

## Flip It



Flip it is a solitaire Logic puzzle. The object is to turn all the tiles to same color.

More information: <http://www.celestatools.com>

Contact details: see page 68

## Geo-Ray Casting

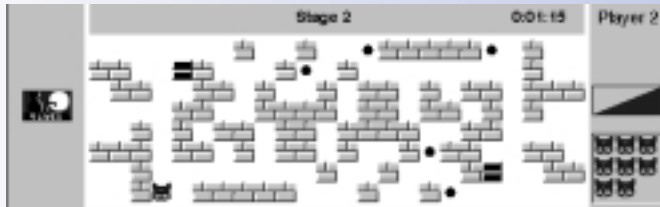


A 3D graphics demo for the Nokia Communicator. In this sample program, you can walk through a maze of texture-mapped walls. Source code is also available for download.

More information: <http://www.mgroeber.de/nokia.htm>

Contact details: see page 70

## 9 Lives



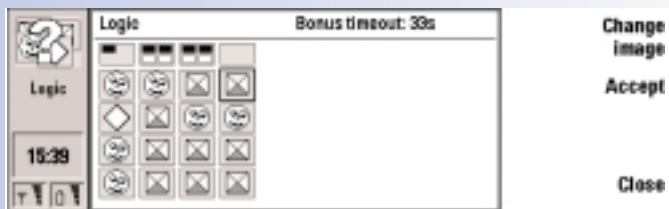
Alley cats are always looking for food. Your cat must catch all the food it can get in order to get energy. In each level of the game, the cat will find a new alley where food is available. There are also dogs and other perils that make it hard on the poor cats. The cats in this game will attempt to go from alley to alley, eating all the food and avoiding the perils. A cat dies if its 9 lives are spent.

More information: <http://www.forum.nokia.com>

Contact details: see page 71



# Logic



Logic for Nokia 9110 Communicator is a game of logic and a test of intelligence.

The objective of Logic for Nokia 9110 Communicator is to break a hidden code of figures. Each game features a different, randomly generated code of figures, hidden from the player, who has ten opportunities to try to duplicate the code without seeing it.

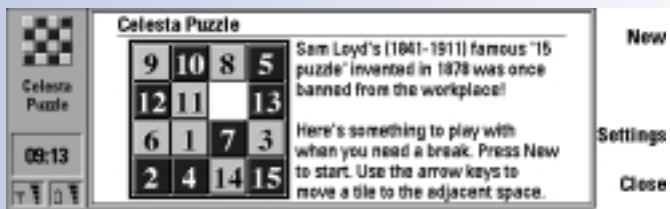
So is Logic for Nokia 9110 Communicator a game of pure guesswork? Definitely not: following each of the player's guesses, the game scores the attempt by giving the player certain 'clues' relating to their guess. By using strategy and logic to interpret the clues, and by relating them to previous guesses, it is almost always possible to crack the code in the ten attempts permitted.

Logic for Nokia 9110 Communicator has five difficulty levels to choose from and the sound effects utilise fully the capabilities of Nokia 9110 Communicator. Bonus timer keeps you trying hard and the high score list allows you to compete with your friends in this mind-teasing game.

Logic for Nokia 9110 Communicator is freeware.

Contact details: see page 71

# Puzzle



Sam Loyd's (1841-1911) famous 15 puzzle invented in 1878 was once banned from the workplaces. Your mission is to organize the pieces of the puzzle into the right order by moving one piece at a time.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## QuadChess



QuadChess is a chess game for your Nokia Communicator.

QuadChess can be played in four different ways: Player vs. Communicator, Player 1 vs. Player 2 (via SMS or with the same communicator), and Communicator vs. Communicator.

More information: <http://www.quadriga.pt>

Contact details: see page 71

## Reversi



Reversi was invented in 19th century England and has become a classic among modern logic games. The rules are simple and the game is fast, but it's hard to master. Your job is to conquer more ground than your opponent. Capture opponent's chips between yours and win them over.

More information: <http://www.forum.nokia.com>

Contact details: see page 71

## Same



The objective of the game is to remove all the tiles by clicking them with the mouse. A tile can only be removed if at least two tiles of the same color are next to each other (above, below, left, or right, but not diagonally). Holes created by disappearing tiles are filled by other tiles moving down and (if possible) left.

More information: <http://www.mgroeber.de/nokia.htm>

Contact details: see page 70

## Solitaire

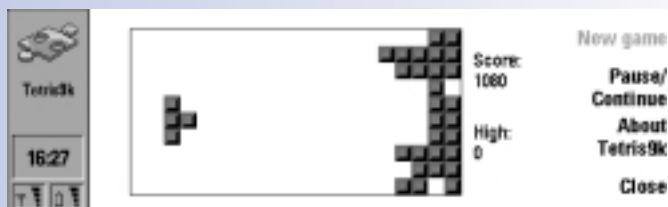


Challenge yourself to a game of Solitaire against the Nokia Communicator. More card games to follow!

More information: <http://www.pcsinnovations.com>

Contact details: see page 71

## Tetris 9k



Tetris9k is a clone of the classic Tetris game for the Nokia Communicator. The game is freeware with a voluntary registration fee.

More information: <http://www.iki.fi>

Contact details: see page 72

## Worm 9000

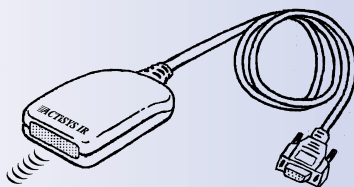


Worm 9000 is a version of the snake-game found in other Nokia phones. It's a fast paced arcade game where you crawl your way through increasingly difficult mazes, eating candy. Avoid the walls and don't run over your tail! The game saves your high-score and can be paused.

More information: <http://www.sektori.com/nokia>

Contact details: see page 70

## ACTiSYS IR Computer Adapter



### Multi-mode infrared computer adapter

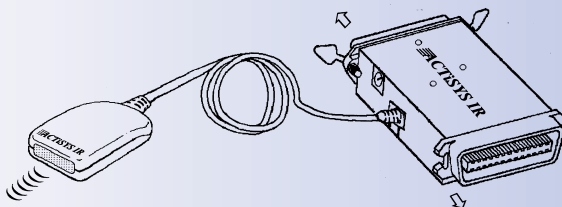
The ACT-IR220L computer adapter attaches to the RS232 serial port of a desktop PC to give you wireless data transfer for record synchronisation, file backup and network access, directly from your Nokia 9110 Communicator.

The computer adapter is IrDA-1.0 compatible and it can reach communication distances of 0 cm to 200 cm with no external power. If using the adapter with the Nokia Communicator Fax application, position the Nokia Communicator away from the adapter to prevent electrical interference. Once the adapter has been attached to a compatible PC, you only need to check that the infrared port of your Nokia Communicator faces the infrared eye of the adapter, and start the Infrared activation application on your Nokia Communicator for PC connectivity.

More information: <http://www.widget.co.uk>

Contact details: see page 67

## ACTiSYS IR Printer Adapter



### Infrared printer adapter

With the ACT-IR100M printer adapter you can print from your Nokia Communicator wirelessly via the infrared connection. The adapter works well with any parallel printer. The adapter has a built-in printer pass-through connector and very compact IrDA protocol. The adapter is powered by an AC adapter. To print via the infrared connection, connect the AC adapter to the parallel printer and plug the infrared printer adapter in it. Check that the connection type of the Nokia Communicator is set to Infrared in the Print settings found under System settings, and that the baud rate is set to the value recommended by the adapter manufacturer. Then use the print option in the Nokia Communicator.

More information: <http://www.widget.co.uk>

Contact details: see page 67

## Canon BJC-50 Printer



The Canon BJC-50 is just half the size of a notebook computer (or half an A4 page) and weighs 900g - small and light enough for the most executive briefcase.

When you're on the move you don't want to be carrying and connecting computer cables. That's why the BJC-50 has a built-in IrDA port for automatic infra red communication with your PC. IrDA eliminates the need for any connection cables - no having to remember which cable goes where. You're just seconds away from a perfect print. Just put your BJC-50 next to your laptop or PC and the data is beamed directly to the printer.

The BJC-50 isn't just a printer. With the optional IS-12 Colour Image Scanner Cartridge installed, the BJC-50 becomes a complete portable office. The IS-12 scanner cartridge plugs into the BJC-50 in seconds to transform the printer into a 360dpi, 24-bit colour sheet-feed scanner.

More information: <http://www.canon.com>

Contact details: see page 68

## Citizen PN 60i Printer



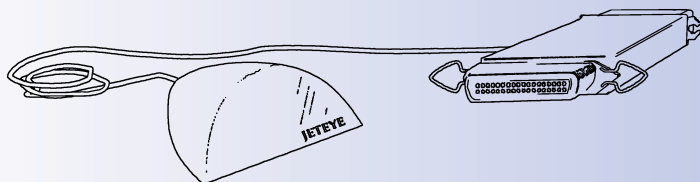
The Citizen PN 60i portable printer is the world's smallest A4 plain paper laserquality printer. Small and light - it weighs just 500 g (700 g with its Ni-Cad battery) - with excellent functionality, the PN 60i is ideal for the mobile user. Connectivity and compatibility are not a problem with the PN60i's integral infrared (IrDA) interface.

For the mobile professional, who is travelling abroad, working from hotel rooms, planes, trains or cars, Citizen offers the ultimate cable-free printing solution.

More information: <http://www.sanpro.fi/citizen>

Contact details: see page 69

## ESI-9580 JetEye Printer Adapter



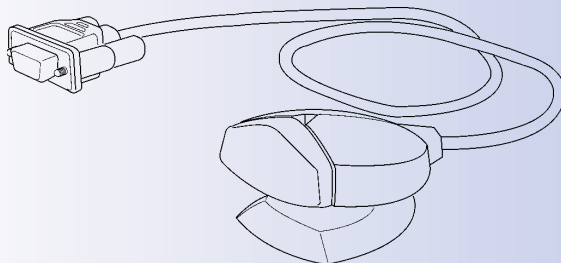
### Wireless infrared printer adapter

The JetEye printer adapter ESI-9580 provides “walk-up-and-print” convenience with no cable connections to make. The adapter connects to a standard parallel Centronics printer port.

More information: <http://www.extendedsystems.com>

Contact details: see page 69

## ESI-9680 JetEye PC Adapter



### Wireless infrared PC serial adapter for a desktop PC

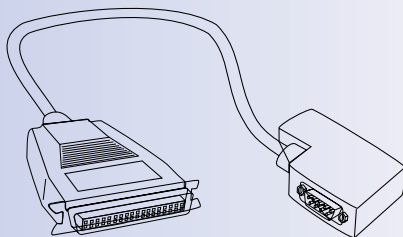
The JetEye PC adapter ESI-9680 allows communicator users to make wireless connections to their work environment through convenient infrared technology.

The adapter connects to a standard 9-pin PC serial (RS-232) port. It enables communicator users to use the PC Suite program for transferring data between the communicator and a desktop PC without connecting cables.

More information: <http://www.extendedsystems.com>

Contact details: see page 69

## GA 935-N Printing Adapter



### Adapter for parallel printing GA935-N

This portable adapter provides the Nokia Communicator with printing capabilities for parallel printers equipped with a Centronics connector. Designed for use with the Nokia 9110 Communicator, this product allows users to print with compatible printers anywhere. Connect the cable supplied with the Nokia Communicator to the 9-pin connector of the printing adapter, and the other end to the Centronics connector of a parallel printer. Disconnect all cables when not in use to maximise battery life.

Check that the connection type of the Nokia Communicator is set to Cable in the Print settings found under System settings, and that the baud rate is set to the value recommended by the adapter manufacturer. Then use the print option in the Nokia Communicator to print documents, faxes and other information.

More information: <http://www.greenwichinst.com>

Contact details: see page 70

## HP CapShare 910 Scanner



The HP CapShare information appliance is a brand new handheld e-copier which enables Mobile Professionals to communicate all paper-based information fast and effectively. HP's CapShare device is small, lightweight and powerful, turning your paper data instantly into black/white and greyscale electronic format whether a small business card or a large A1-size flipchart. You can capture, store and then send from just about anywhere - and everything from hand-written scribbles to newspaper articles. If you do a lot of travelling and visiting clients, but also need to be in constant contact with your business base, the HP CapShare is right for you. The number of business professionals who work away from their desks is growing rapidly and HP JetSend Communications Technology is an HP-designed communications protocol, allowing users to focus on the task, not the tool. With HP JetSend, users can exchange information from one device to another over an IP intranet network connection or an infrared connection. A user can create or scan a document and print it directly to a remote colleague's printer down the hall, across the building, or around the world.

More information: <http://www.capshare.hp.com>

Contact details: see page 70

## HP DeskJet 340 CBi Printer



Imagine you surf the web or work on your e-mail with your new Nokia Communicator - and cannot print the information you want. As a printer, the HP DeskJet 340CBi completes your mobile and wireless office. It gives you all the flexibility you need while on the road, and offers exceptional robustness and ease of use:

- The body is metal enforced so it can swallow hits and strokes without damage.
- It comes standard with a rechargeable battery and an infrared adaptor to enable you to use it without cables.
- The print cartridges last longer than most other printers' cartridges; and if you need to replace one, HP supplies are widely available.

**More information:** <http://www.hp.com>

**Contact details:** see page 70

## Mobile Information Collector



### C-Pen

C Pen is a PDA that enables you to write, scan and display text. Scanned information, such as documents and business cards, is easily transferred to your Nokia Communicator or PC via the IR-port.

#### **Additional features:**

- C Fax/C SMS- send faxes or SMS using the Irmodem that is built-in in the Nokia.
- C Dictionary -A software package for C Pen that translates word you read.

At the moment you can not beam a Vcard or a document directly to your communicator, but this feature will be available within some months. What you can do is to send a text as an SMS or fax to your own phone and in this way transfer a document to the communicator.

**More information:** <http://www.cpen.com>

**Contact details:** see page 69



## Symbol LS 4006i



### LS4006i Hand-Held Bar Code Scanner (Keyboard Wedge and Synapse)

The LS4006i scanner is a Keyboard "Wedge" interface, which adds efficient, reliable bar code reading to your PS/2 or AT/XT terminal. The LS4006i Keyboard Wedge scanner fits electrically between your keyboard and host PC, and input from your LS4006i will seem like keystrokes to the terminal. Since entered scan data is transmitted as keystrokes, no software changes to the host system are necessary.

The scanner contains on-board discrete keyboard wedge communications for connecting to asynchronous terminals and host systems. It can also accommodate any of the Synapse "Smart Cables" which allows you to connect to a wide variety of host systems. Most installations require only one cable; others require additional adapters and a power supply. The LS4006i features are as follows:

- A brighter 650 nm laser diode for increased scan line visibility in all conditions
- An increased scan rate (~100 scans/second) for more aggressive scanning performance
- \* "Entry level" PDF reading capability (manual raster) in addition to excellent 1-D scanning capability

More information: <http://www.symbol.com>

Contact details: see page 72

## QuickLink Pen



**Now you can capture the information you want, wherever you are!**

With this product you can scan, edit, store and transmit information from a variety of sources for transfer to your PC, Laptop and other mobile devices. The QuickLink-Pen\* is a state of the art portable optical scanner with stand-alone OCR capabilities. The QuickLink is an open platform that supports any application based on the QT OS API.

More information: <http://www.wizcomtech.com>

Contact details: see page 72

## USB to Serial Converter



Entrega Technologies' USB to Serial Converter allows you to use 9-pin serial devices such as modems, PDAs and scanners through your USB port. Free up your existing serial port and add new devices without installing add-in cards or opening your computer. Entrega's USB technology means no IRQ or COM Port conflicts!

More information: <http://www.xircom.com>

Contact details: see page 73

## WELCAT Laserscanner



### WELCAT 9110

A handy Laser Barcode-Scanner for the direct connection to a Nokia 9110 Communicator

#### Features

- Direct Connection to the Nokia 9110 via 9pin PC-cable (included in every Nokia 9110 Communicator)
- Battery buffered with 2\*AA batteries, now power drain of the Nokia 9110 Communicator battery
- Handy size, long cable (ca. 1,5m)
- Light weight, ca. 100g

More information: <http://www.yellow.de>

Contact details: see page 73

Note! Other printers compatible with Nokia 9110 Communicator can be found under "Product Support"- section at Forum Nokia: <http://www.forum.nokia.com>

## Widget Group

# WIDGET

The Widget Group is a specialist reseller of software and accessories for palmtop computers. The Widget Group sell products for Nokia 9110 Communicator such as: Board Games, Pro'lingua, Innolink, QuadCulator, QuadChess, IrDA PC Adapter, Parallel Printer Converter, Memory cards and IrDA Printer Adapter. Based in Knebworth, Hertfordshire in the United Kingdom, Widget has offices in France, Germany, Holland, Italy, Canada, Australia and New Zealand.

Software and accessories for Nokia 9110 Communicator can be ordered directly on our secure website at: [www.widget.com](http://www.widget.com). Alternatively, you can order either by phone, fax and post by contacting one of the offices below:

**International website:** <http://www.widget.com>

### UK

Widget Software Ltd, 121 London Road, Knebworth, Herts. SG3 6EX, UK

Tel: +44 1438 818 818

Fax: +44 1438 815 222

Email: [info@widget.co.uk](mailto:info@widget.co.uk)

### France

Widget France, 31 Avenue du Général Leclerc, 92100 Boulogne, France

Tel: +33 1 46 10 00 77

Fax: +33 1 46 21 26 66

Email: [widgetfrance@widget.com](mailto:widgetfrance@widget.com)

### Deutschland

Widget Deutschland, Ober-Rodener-Strasse 91, 63110 Rodgau, Deutschland

Tel: +49 6106 808915

Fax: +49 6106 808929

Email: [email@widget.de](mailto:email@widget.de)

### Italia

Widget Italia, Via Ciro Menotti, 2/a, 20129 Milano, Italia

Tel: +39 1780 818818

Fax: +39 1780 818800

Email: [widget@widget.it](mailto:widget@widget.it)

### Nederland

Widget Holland, Grote Tocht 25F, 1507 CG Zaandam, Holland

Tel: +31 (075) 614 6166

Fax: +31 (075) 617 3958

Email: [info@widget.nl](mailto:info@widget.nl)

# DEVELOPERS

## A

### Agora plus, a.s.

Krenova 67a,  
602 00 Brno, CZECH REPUBLIC  
E-mail: [gsminfo@agora.cz](mailto:gsminfo@agora.cz)  
<http://www.agora.cz>  
Application: Calendar Search

### AH Creations

Hakekatu 2 D 53  
90520 Oulu, FINLAND  
Tel: +358-8-555 6755  
Applications: Extended Extras, Graphic Point, Tone 9k

Contact person: Arto Holopainen  
E-mail: [info@ah-creations.com](mailto:info@ah-creations.com)  
<http://www.ah-creations.com>

### Ajatuspaja Oy

Ailakinkatu 7 E  
FIN-40100 Jyväskylä, FINLAND  
Tel: +358-14-449 9644  
Fax: +358-14-449 9553  
Applications: AVUX, Personal AVUX

Contact person: Kimmo Laakkonen  
E-mail: [sales@avux.com](mailto:sales@avux.com)  
<http://www.avux.com>

### Arctic Net AS

Finlandsveien 37  
Karasjok, N-9730, NORWAY  
Tel: +47 7846 9880  
Fax: +47 7846 9888  
Application: HITS

Contact person: Atle Kaaven  
E-mail: [atlek@arcticnet.no](mailto:atlek@arcticnet.no)  
<http://www.arcticnet.no>

### AvisoCom

Waldasse 13/2  
A-1100 Wien, AUSTRIA  
Tel/fax: +43-1-604 8630  
<http://members.magnet.at/avisocom/inhalt.htm>  
Application: AvisoCom SMS-Chat

Contact person: Hr.Kapfenberger  
E-mail: [avisocom@magnet.at](mailto:avisocom@magnet.at)  
E-mail: [gernot.kerschbaumer@eunet.at](mailto:gernot.kerschbaumer@eunet.at)  
(technical issues)

## B

### Breadbox Computer Company

P.O.Box 808  
Port Richey  
FL 34673-0808, USA  
Tel: 727-862-9911  
Fax: 727-862-9911  
Applications: 3-Game Pak, Fax Converter, NArcade Game Pak, NBanker, NBase2, NBasePro, NChat, NView, Pocket Vault, Quickwire Tool, Word Matcher

Contact person: Frank S. Fischer  
E-mail: [Bboxcomp@aol.com](mailto:Bboxcomp@aol.com)  
<http://www.breadbox.com>

### By, Tomas

E-mail: [T.By@dcs.shef.ac.uk](mailto:T.By@dcs.shef.ac.uk)  
<http://www.dcs.shef.ac.uk/~tomas/otpc.html>  
Application: One-Time Password Calculator (OTP Calculator)

## C

### Canon Europa N.V

P.O.Box 2262,  
1180 EG Amstelveen, NETHERLANDS  
<http://www.canon.com>  
Application: Canon BJC 50 Printer

### CCC Mobile Oy

Lentokentäntie 15  
FIN-90460 Oulunsalo, FINLAND  
Tel: +358-8-520 5111  
Fax: +358-8-520 5222  
Applications: Flip It, Smart Forms

Contact person: Sakari Vaara  
E-mail: [Sakari.Vaara@ccc.fi](mailto:Sakari.Vaara@ccc.fi)  
<http://www.celestatools.com>

### Chapman, Dave

E-mail: [dave@dchapman.com](mailto:dave@dchapman.com)  
<http://www.dchapman.com>  
Application: Call-Log Manager

**Citizen Systems Europe GmbH**

337 Bath Road  
Slough  
Berkshire SL1 5PR, UK  
Tel: +44-1628-607 300  
Fax: +44-1628-664 346  
<http://www.citizen.co.uk>  
Application: Citizen PN 60i Printer

**Corporate Software & Technologies Int. Inc.**

3333 Graham Boulevard  
Montreal, QC H3R 3L5, CANADA  
Tel: 514-733-8500  
Fax: 514-733-0142  
Application: Corporate Time

Contact person: Thomas F. Gosnell  
E-mail: [thomasg@cst.ca](mailto:thomasg@cst.ca)  
<http://www.cst.ca/>

**C Technologies AB**

Ideon Research Park  
Scheelevägen 15  
SE-22370 Lund, SWEDEN  
Tel: +46-46-286 5850  
Fax: +46-46-286 5860  
Application: Mobile Information Collector

Contact person: Jens Sörvik  
E-mail: [js@ctech.ideon.se](mailto:js@ctech.ideon.se)  
<http://www.cpen.com>

**D****DataCritical Corporation**

2733 152nd Avenue N.E.  
Redmond, WA 98052, USA  
Fax: +1-206-885-3377  
Application: PalmVue and ECGstat

Contact person: Craig Kairis  
E-mail: [ckairis@datacrit.com](mailto:ckairis@datacrit.com)  
<http://www.datacrit.com>

**E****End to End Software Ltd**

22 Fixton Road  
Barrington Camppridge, CB2 5RN, UK  
Tel: +44-1-223-872 488  
Fax: +44-1-223-512633  
Application: Terminal 9000, Track-IT

Contact person: Andy Taylor  
E-mail: [andy@atsoft.demon.co.uk](mailto:andy@atsoft.demon.co.uk)

**Extended Systems Ltd.**

Holbrook Court,  
Northumberland Road,  
Southsea, Hants PO5 1DS, UK  
Tel: +44-1705 875 075  
Fax: +44-1705 875 095  
Applications: JetEye PC Adapter (ESI 9680), JetEye Printer Adapter (ESI 9580)

Contact person: Ginny Groome  
E-mail: [ginnyg@extendedsys.co.uk](mailto:ginnyg@extendedsys.co.uk)  
<http://www.extendedsystems.com>

**F****FastForward Data Systems Ltd**

Business Centre West, Avenue One  
Letchworth, Herts SG6 2HB, UK  
Tel: +44-1-462-482 303  
Application: FieldForce Connector

Contact person: Bill Ives  
[Bill.Ives@fastforward.co.uk](mailto:Bill.Ives@fastforward.co.uk)

**Foobar Oy**

Paavolankatu 3 D 34  
20240 Turku, FINLAND  
Fax: +358-2-240 7755  
Applications: BCalc, BTERM, BZRobots

E-mail: [kim@foobar.fi](mailto:kim@foobar.fi)  
<http://www.bbbs.net/nokia/>

**FuzzyLogic**

Contact person: Clemens Kochinke  
E-mail: [Jupiterweb@aol.com](mailto:Jupiterweb@aol.com)  
<http://www2.sysnet.net/~jupiterweb/main.html>  
Application: Jupiter Jumble

**G****GlobalMedic Inc.**

3333 Graham Blvd., #212  
Montreal, Quebec, H3R 3L5, CANADA  
Tel: +1-514-738-6770  
Fax: +1-514-738-4827  
Application: Wireless Self Care

Contact person: Patrick Lamarre  
E-mail: [plamarre@globalmedic.com](mailto:plamarre@globalmedic.com)  
<http://www.globalmedic.com>

**Greenwich Instruments Ltd.**

The Crescent,  
Main Road, Sidcup,  
Kent DA 14 6NW, UK  
Tel: +44-181-3024 931  
Fax: +44-181-3024 933  
Application: GA 935-N Printing Adapter

Contact persons: Peter Gifford,  
Tracy Woodard  
E-mail: [sales@greenwichinst.com](mailto:sales@greenwichinst.com)  
<http://www.greenwichinst.com>

**Groeber, Marcus**

E-mail: [mgroeber@compuserve.com](mailto:mgroeber@compuserve.com)  
<http://www.mgroeber.de/nokia.htm>  
Applications: Advanced PPP Settings, Geo-Ray Casting, Same, VNC Client

**H**

**Hewlett Packard GmbH**

Herrenberger Str 130  
71034 Boeblingen, GERMANY  
Tel: +49 7031 14 2790  
Fax: +49 7031 430 2790  
Mobile: +49 171 4662283  
<http://www.hp.com>  
Applications: Hp CapShare 910 Scanner, HP DeskJet 340 CBI Printer

**I**

**Infinite Technologies**

11433 Cronridge Drive  
Owings Mills, MD 21117, USA  
Tel: +1-410-363-1097  
Fax: +1-410-363-3779  
Application: Infinite InterChange

E-mail: [info@InfiniteMail.com](mailto:info@InfiniteMail.com)  
<http://www.InfiniteMail.com>

**Innolink Ltd.**

Kauppakatu 15 F-G  
FIN-33200 TAMPERE, FINLAND  
Tel: +358-500-238 058  
Fax: +358-3-223 3629  
Application: Innolink

Contact person: Jarmo Virmo  
E-mail: [jarmo.virmo@innolink.fi](mailto:jarmo.virmo@innolink.fi)  
<http://www.innolink.fi>

**Inquisit Inc.**

75 Federal Street  
San Francisco, CA 94107, USA  
Tel: +1-415-547-1600  
Fax: +1-415-547-1612  
Application: Inquisit

Contact person: Jeff Rullifson  
E-mail: [jeff@inquisit.com](mailto:jeff@inquisit.com)  
<http://www.inquisit.com>

**inTouch Wireless Services Pte Ltd**

20 Science Park Road,  
#02-03A TeleTech Park  
SINGAPORE 117674  
Tel: +65-873-5589  
Fax: +65-873-5586  
Application: Mobile Banking

Contact person: Kendro Hendra  
E-mail: [kendro@intouch.co.id](mailto:kendro@intouch.co.id)

**J**

**JCS International**

Bytling 44  
8493 KK Terhorne  
NETHERLANDS  
Tel: +31-566-689194  
Fax: +31-566-689195  
Application: AGUARD

Contact person: Han Steffen  
E-mail: [jcsint@worldonline.nl](mailto:jcsint@worldonline.nl)  
<http://www.jcsint.com>

**L**

**Leppä, Taneli**

E-mail: [Taneli.Leppa@sektori.com](mailto:Taneli.Leppa@sektori.com)  
<http://www.sektori.com/nokia>  
Application: Worm 9000

**M**

**MedPEN Communications Inc.**

2444 Wilshire Blvd. #603  
Santa Monica, CA 90403, USA  
Tel: +1-310-315-2114  
Fax: +1-310-315-2145  
Application: MedPEN Healthcare Assistants

E-mail: [info@medpen.com](mailto:info@medpen.com)  
<http://www.medpen.com>

## N

**Nokia Mobile Phones Ltd.**

Developer Community  
P.O.Box 429  
FIN-33101 Tampere, FINLAND  
Tel: +358-10-5051  
Fax: +358-10-505 7595

Applications: Digital Camera Connectivity, File Transfer Protocol, Find, GPS-SMS, Infrared Object Exchange, Logic Infrared,  
9 Lives, Online Banking, Puzzle, Quick Imaging, Reversi, SMS Remote Control, Task Assistant

E-mail: [communicator.developer@nokia.com](mailto:communicator.developer@nokia.com)  
<http://www.forum.nokia.com>

**Novo Meridian Oy**

Piispanportti 12 B  
02201 Espoo, FINLAND  
Tel: +358 (0)205 6686  
Fax: +358 (0)205 66 5110  
Application: mTrack

Contact Person: Pekka Sarkola  
[Pekka.Sarkola@meridian.fi](mailto:Pekka.Sarkola@meridian.fi) or  
[myynti@meridian.fi](mailto:myynti@meridian.fi)  
<http://www.meridian.fi>

## O

**Orchid Systems, Inc.**

103 Old Colony Road  
Wellesley, Massachusetts 02181, USA  
Tel: 781-431-7446  
Fax: 781-431-7013

Applications: Best Practices, Cash Collections, Inspection, Materials Management, Orchid Controller, Order Management, Utility Management, WebShaper

E-mail: [corp@orchidsys.com](mailto:corp@orchidsys.com)  
<http://www.orchidsys.com>

**Open Information Oy**

Tekniikantie 21 C  
02150 Espoo, FINLAND  
Tel: +358-9-437 5224  
Fax: +358-9-455 3117

Applications: IdealTime, Wireless Calendar Dock

Contact person: Arto Sinkkonen  
E-mail: [arto.sinkkonen@openinformation.fi](mailto:arto.sinkkonen@openinformation.fi)  
<http://www.openinformation.fi/>

## P

**PCS Innovations, Inc.**

9 Place du Commerce, bureau D  
Brossard (Québec) J4W 2V6, CANADA  
Tel: 450-466-3700 x201  
Fax: 450-466-3650

Applications: Classical Game Series, Logo Flash, My Flash, Solitaire

Contact person: Martin Hébert  
E-mail: [martin.hebert@pcsinnovations.com](mailto:martin.hebert@pcsinnovations.com)  
<http://www.pcsinnovations.com>

**Pilzfuss, Jörg**

E-mail: [jpilzfuss@yahoo.de](mailto:jpilzfuss@yahoo.de)  
<http://members.xoom.com/NewPilz/geos.html>  
Application: GeoNoid level-editor

**Puma Technology, Inc.**

2550 North First St.  
San Jose, CA 95131 USA  
Tel: 408-321-7650  
Fax: 408-433-2212

Applications: IntelliMigrate, IntelliSync

Contact person: Patrick Grady  
E-mail: [pgrady@pumatech.com](mailto:pgrady@pumatech.com)  
<http://www.pumatech.com>

## Q

**Quadriga**

Av. Almirante Gago Coutinho 56, 5 esq.  
P-1700 Lisbon, PORTUGAL  
Tel: +351-1-840-5042  
Fax: +351-1-847 9263

Applications: FrotCom 9000, Mobile Bank, Money Tracer, QuadChess, QuadCulator, QuadLex

Contact person: Valerio Marques  
E-mail: [info@quadriga.pt](mailto:info@quadriga.pt)  
<http://www.quadriga.pt>

## R

**Ruotsalainen, Juha**

E-mail: [juha.ruotsalainen@suunto.fi](mailto:juha.ruotsalainen@suunto.fi)  
Application: Bindevice

## S

**Schu, Nico**

E-mail: [nschu@gmx.de](mailto:nschu@gmx.de)  
<http://www-city.europeonline.com/private/nsch/>

Application: Euroconverter  
**Solid Information Technology Ltd.**  
 Huovintie 3  
 FIN-00400 Helsinki, FINLAND  
 Tel: +358-9-477 4730  
 Fax: +358-9-477 477390  
 Application: Solid Light Client

E-mail: [info@solidtech.com](mailto:info@solidtech.com)  
<http://www.solidtech.com>

**Symbol Technologies**  
 Symbol Place, Winnersh Triangle  
 Berkshire, UK  
 RG41 5TP  
 Tel: 44-118-945 7000  
 Fax: 44-118-945 7500  
<http://www.symbol.com>  
 Application: Symbol 4006i Hand-Held Bar Code Scanner

**Särkkä, Heikki**  
 E-mail: [heikki@iki.fi](mailto:heikki@iki.fi)  
<http://www.iki.fi>  
 Application: Tetris 9k

## T

**TeamWARE Group Oy**  
 P.O. Box 135  
 FIN-00381 Helsinki, FINLAND  
 Tel: +358-9-512 811  
 Fax: +358-9-5128 2707  
<http://www.teamware.com>  
 Applications: Intranet Security Server, SMS Agent, SMS Mail, SMS Directory

**Technological Business Solutions Ltd.**  
 The Fern  
 6 Derby Road  
 Belper  
 Derbyshire, DE56 1UU, UK  
 Tel: +44-0-1-773 828 766  
 Fax: +44-0-1-733 829 939  
 Applications: TBS TextPhone 9000, TBS TrackMaster

Contact person: Steve Reynolds  
 E-mail: [Steve@TBSSystems.co.uk](mailto:Steve@TBSSystems.co.uk)  
<http://www.TBSSystems.co.uk/handhelds>

**Telepartner Systems**  
 252-256 Kings Road  
 Reading  
 Berks., RG1 4HP, UK  
 Telephone: +44 (0) 118 951 9561  
 Fax: +44 (0) 118 951 9560  
 Application: Despatcher/9000, Order/9000

Contact person: Lindsay Kennedy  
 E-mail: [Sales@telepartner.co.uk](mailto:Sales@telepartner.co.uk)  
<http://www.telepartner.co.uk>

**Telesta**  
 Esplanaden 3E  
 SE-172 67 Sundbyberg, SWEDEN  
 Application: Telesta Mobile TextPhone

E-mail: [info@europe.telesta.com](mailto:info@europe.telesta.com)  
<http://www.telesta.com>

## U

**UniverCell Telecommunications Inc.**  
 6278 chemin Deacon  
 Montréal, Québec, H3S 2P5, CANADA  
 Tel: +1-514-735-3517  
 Fax: +1-514-735-8653  
 Application: Personal Navigation

Contact person: Louis Brun  
 E-mail: [louisbrun@univercell.com](mailto:louisbrun@univercell.com)  
<http://www.univercell.com>

## W

**W-Trade Technologies**  
 67 Wall Street, Suite 2411  
 New York, NY 10005, USA  
 Tel: 212-406-4685  
 Tel: 212-406-1401  
 Application: Wireless Internet Trading System, w-Bank

Contact Person: Pat Williams  
 E-mail: [pat.williams@w-Trade.com](mailto:pat.williams@w-Trade.com)  
<http://www.w-Trade.com>

**WizCom Technologies Ltd.**  
 8B Hamarpe St.  
 Har Hozvim  
 Jerusalem 97774  
 P.O. Box 45085  
 Jerusalem 91450, ISRAEL  
 Tel: +972-2-5328222  
 Fax: +972-2-5328333

E-mail: [info@wizcomtech.com](mailto:info@wizcomtech.com)  
<http://www.wizcomtech.com>



Application: QuickLink Pen

## X

### Xerox Mobile Solutions

Burleigh House  
Cambridge, CB5 8EG, UK  
Tel: +44-1223-326 611  
Fax: +44-1223-326 601  
Application: Xerox Mobile Documents

Contact person: Thomas Olesen  
E-mail: [thomas.olesen@gbr.xerox.com](mailto:thomas.olesen@gbr.xerox.com)  
<http://www.xerox.com>

### XIRCOM Europe, Middle East & Africa

Veldkant 31  
B2550 Kontich, BELGIUM  
Tel: +32-3-450.0811  
Fax: +32-3-450.0990  
<http://www.xircom.com>  
Application: USB to Serial Converter

## Y

### Yellow Computing Computersysteme GmbH

Hanns-Martin-Schleyer-Str. 1  
D-74177 Bad Friedrichshall, GERMANY  
Tel: +49-7136-95110  
Fax: +49-7136-95111

Contact person: Wolfram Herzog  
E-mail: [Wolfram.Herzog@yellow.de](mailto:Wolfram.Herzog@yellow.de)  
<http://www.yellow.de>

Applications: Flex Order Taking, Online Banking, ProLingua Translator, Remote  
Update9110, SMS Chat, Universal GPS Client, WELCAT Laserscanner

## Ö

### ÖÖ-Evolving Office Oy

P.O. Box 596  
FIN-33101 Tampere, FINLAND  
Tel: +358-40-582 8463  
Fax: +358-3-389 9006  
Application: Evolving SMS Server

Contact person: Janne Mäkinen  
E-mail: [jam@evolving.sgic.fi](mailto:jam@evolving.sgic.fi)  
<http://www.oee.fi>





**NOKIA**  
CONNECTING PEOPLE