



TAKE COMMAND WITH OPEN AT

Open AT puts the full potential of the WISMO at your disposal. Thanks to Open AT, you are free to embed and run wireless applications based on simple, standardized AT commands right on the WISMO itself, with fewer extra components. What is more, you can share building blocks with other members of the Open AT developers' community.

The bottom line is more rapid, less costly development of your own wireless voice and data applications. For machine-to-machine, automotive or multimedia applications, Open AT helps you get your ideas to market faster than ever.

CUT COSTS AND STREAMLINE DEVELOPMENT

Shorten time to market
by reducing hardware design,
software development, test and
validation cycles

Cut development costs
by reducing extra components and
incorporating existing building blocks

Shrink hardware footprints
by increasing integration levels and
avoiding unneeded subsystems

Invent more applications
by exploiting the potential of an
intelligent GSM/GPRS subsystem

Enjoy more flexibility
by developing your own AT commands
and taking advantage of future
Open AT features

Take advantage of Open AT right now. All you need is the Open AT Software Development Kit and Open AT compatible products.

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PLUG IN TO THE WIRELESS WORLD

OPEN AT SPECIFICATIONS



OPEN AT SOFTWARE DEVELOPMENT KIT CONTENTS

- 1 CD-ROM including:
- Technical specifications
 - Open AT development tools for PC:
 - target monitoring tool to provide debug information from the embedded application
 - serial link manager to establish communications with Wavecom devices via the PC serial link
 - terminal emulator to send/receive commands to/from the Wavecom device
 - remote task environment to execute an embedded application from a PC in remote mode.
 - target binary file generator to generate the application binary file, ready to be downloaded on to the Wavecom device
 - Examples of Open AT applications
- + 20 hours of technical support
+ 1 CD-ROM for the C compiler/linker (option)
+ Access to future upgrades, access to Open AT dedicated web site and information

PRELIMINARY REQUIREMENTS

To develop Open AT applications, the following items are needed:

- 1 PC: minimum Pentium 300 MHz, 64 MB of RAM, 500 MB free on the hard disk, 2 or 3 serial ports available
- Windows 95 or higher
- Microsoft Visual C++ V6.0 or higher
- 1 ARM compiler/linker (available as an option with the Open AT SDK)
- 1 Wavecom starter kit including WISMOS or WISMO based products + evaluation boards and accessories
- 1 Wavecom Open AT Software Development Kit

PRODUCT FEATURES

Hardware resources available on WISMO for Open AT applications include:

- Memory:
 - 384 KB of flash memory (for code and constant data storage)
 - 32 KB of RAM memory
 - 5 KB of configuration memory (EEPROM emulation)
- CPU:
 - 2 MIPS when in GSM idle mode
 - 0.5 MIPS when in GSM dedicated mode (communication in progress)

INTERFACES

All the AT commands supported on Wavecom products are available through Open AT

APIs available to Open AT applications developers include:

- AT command-related APIs:
 - Send AT commands
 - Subscribe to unsolicited/intermediate indications
- OS-related APIs:
 - Start/Stop timer
 - Read/Write data in flash memory
 - Init/Get/release memory
- V24/Data flow-related APIs:
 - Open/close flow
 - Send/Receive Data

Hardware interfaces available through AT/Open AT:

- Wavecom module: serial link, GPIOs, keypad interface, buzzer
- Wavecom integrated modem: serial link, GPIOs, keypad interface

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