IP CONNECTIVITY
FOR FLEXIBLE,
EFFICIENT DATA ACCESS

Empower your machines and automotive systems with wireless connectivity to the Internet. Wavecom's IP solution means efficient solutions for data retrieval, update and monitoring. Transfer data via GPRS, broadcast information via email or check status and updates from a remote location via the Web.

Offering the only GSM/GPRS solution with enhanced IP connectivity, Wavecom helps you bypass costly systems requiring modems and dedicated networks. Easy to use, you simply plug in the right module or modem to get instant IP connectivity.

Get IP connectivity without wasting time and money adding external components. Save on costs and space with a fully integrated solution.

GRAB THE POWER OF INTERNET

Get instant Internet connectivity
with a WISMO Quik or Wavecom modem

Save time, space and money
with an easy-to-use, fully integrated solution

Access information the way you want
via email, the Web or file transfer: it's all included!

Benefit from established communications standards
thanks to GSM/GPRS and TCP/IP

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IP CONNECTIVITY SPECIFICATIONS

GSM/GPRS FEATURES

Voice, GSM circuit switched data/fax, GPRS packet data, short messages services

- Voice features (GSM mode):
  - Telephony and emergency calls
  - Dual-tone multi-frequency function (DTMF)
- GSM circuit switched data/fax features:
  - Data circuit asynchronous, transparent and non transparent up to 14,400 bits/s
- GPRS packet data features:
  - GPRS Class B/multislot class up to Class 10
- Short messages services features (GSM or GPRS mode):
  - Text and PDU/point to point (MT/MO)/Cell broadcast

IP CONNECTIVITY FEATURES

Based on the well proven eDevice®'s Smartstack™, Wavecom's IP connectivity solution hosts the following Internet protocols and interfaces:

- ISP connection:
  - PPP RFC compliant, allowing connection to any ISP
  - One dynamic IP @ per equipment
- TCP/IP:
  - IP v4, RFC compliant (compatibility ensured)
  - TCP socket access for specific implementation
- TCP socket:
  - Open/close session on a specific TCP port number
  - Used for incoming or outgoing TCP connections (listen/open)
  - Allows specific implementation for OEMs
- DNS client:
  - Domain name solving
- E-Mail client:
  - Send emails (including pre-defined emails) (SMTP)
  - Retrieve emails (POP3)
- FTP client:
  - Upload and download files
- Supervision layer:
  - Management of the ISP Internet connection
  - Auto initialization
  - Automatic mail retrieving or sending for stand-alone configurations: monthly updates, daily log files
- Serial port interface:
  - Data transfer
  - AT# commands

Enhanced connectivity:
a single firmware includes all the features
- AT# command-driven:
  - AT-like commands
  - All standard AT commands remain available

- Also available with MUSE Platform Open AT:
provided as an Open AT library, the IP connectivity solution can be used by an embedded application.

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