

# Application Note

## >> ANw5.1: Retrieving email

|               |                                       |
|---------------|---------------------------------------|
| <b>TARGET</b> | B40h-09gg + eDsoft-w302 v1.0          |
| <b>NEED</b>   | Retrieving email from a POP3 account. |

### DESCRIPTION

|                         |   |
|-------------------------|---|
| <b>Retrieving email</b> | <p>This command allows another processor (attached equipment) to instruct the Wavecom product to retrieve an email message. While the Wavecom product is connected to the Internet, the attached equipment can retrieve an email message at any time (except when the Wavecom product is already in the process of sending or retrieving email, in an FTP process or socket TCP process). The 'AT#GETMAIL' command sent over the serial port instructs the Wavecom product to retrieve one email per retrieve command.</p> <ul style="list-style-type: none"><li>- the Wavecom product sends a 'Ok_Info_Mail' message, before sending the email over the serial port if any are present. This message notifies the host to switch from command mode to data mode. At the end of the data flow, the sequence [CR][LF]. [CR][LF] notifies the host to switch from data mode to command mode.</li><li>- when there is no mail waiting in the POP3 account, the message 'Ok_Info_NoMail' is sent by the Wavecom product over the serial port.</li></ul> |
| AT# Command             | AT#GETMAIL  |
| <b>NOTES</b>            | <ul style="list-style-type: none"><li>- The communication session must be established (AT#CONNECTIONSTART) before sending the 'AT#GETMAIL' command. After the retrieval process, the Wavecom product keeps the communication established.</li><li>- When the email is retrieved, it is deleted from the POP3 server.</li></ul>  |

### CONFIGURATION

|                           |  |
|---------------------------|--|
| <b>POP3 server</b>        | Address of the POP3 server used for retrieving email.  |
| AT#                       | POP3SERV   |
| <b>POP3 port</b>          | Port of the POP3 server used for retrieving email.   |
| AT#                       | POP3PORT   |
| <b>POP3 user name</b>     | POP3 user name used for account identification.  |
| AT#                       | POP3UN   |
| <b>POP3 user password</b> | POP3 user password used for user authentication.   |
| AT#                       | POP3PW   |
| <b>POP3 header</b>        | Configuration for sending (1) or not (0) the email header over the serial port while retrieving the email message. |
| AT#                       | POP3HEADERMODE   |

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## LINKS

|                   |                     |
|-------------------|---------------------|
| <b>AT#</b>        | DNSSERV1, DNSSERV2  |
| <b>APP. NOTES</b> | ANConf_DNS (ANw2.2) |

## PROCESS DIAGRAM : EMAIL RETRIEVING

