

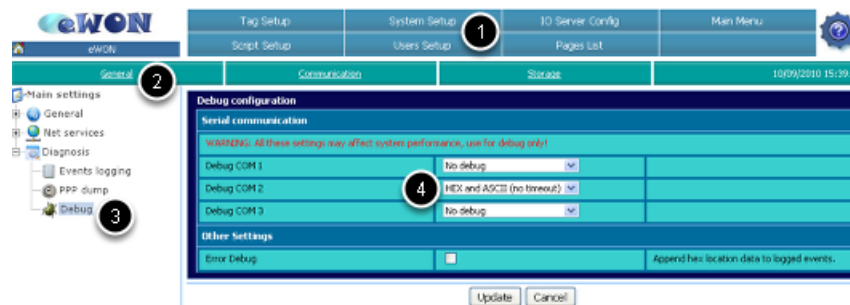
## Activate the serial debug on the modem port

To debug a modem problem, it can be useful to check the AT commands exchanged between the eWON and its internal modem:

- Go to the Configuration Menu



- Open the System Setup/ General/ diagnosis/ Debug menu



Activate the "Hex and ASCII (no timeout)" on "Debug COM 2" and click the Update button.

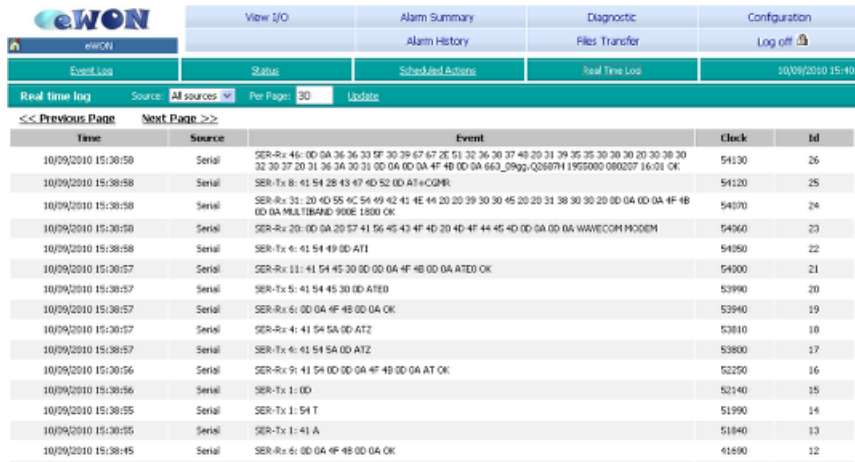
### - Note -

*If you have an eWON with MPI port, then you'll need to select "Debug COM 1"*

- Go to the Main Menu



- Open the Diagnostic/ Real Time Log menu



Time	Source	Event	Clock	Id
10/09/2010 15:30:58	Serial	SER-Rx 46: 00 0A 36 36 33 5F 30 39 67 67 2E 51 32 36 30 37 49 20 31 39 35 35 30 30 20 30 38 30 32 30 37 20 31 36 3A 30 31 00 0A 0D 0A 4F 4B 0D 0A 663_09gg_Q0867H11955000 080207 16:01 OK	54130	26
10/09/2010 15:38:58	Serial	SER-Tx 8: 41 54 28 43 47 4D 52 0D AT+CGMR	54120	25
10/09/2010 15:38:58	Serial	SER-Rx 31: 20 4D 55 4C 54 49 42 41 4E 44 20 20 39 30 30 45 20 20 31 38 30 30 20 0D 0A 0D 0A 4F 4B 0D 0A MULTIBAND 900E 1800 OK	54070	24
10/09/2010 15:30:50	Serial	SER-Rx 20: 0D 0A 20 57 41 56 45 43 4F 4D 20 4D 4F 44 45 4D 0D 0A 0D 0A WAVECOM MODEM	54060	23
10/09/2010 15:38:58	Serial	SER-Tx 4: 41 54 49 0D AT1	54050	22
10/09/2010 15:30:57	Serial	SER-Rx 11: 41 54 45 30 0D 0D 0A 4F 4B 0D 0A ATED OK	54000	21
10/09/2010 15:38:57	Serial	SER-Tx 5: 41 54 45 30 0D ATED	53990	20
10/09/2010 15:38:57	Serial	SER-Rx 6: 0D 0A 4F 4B 0D 0A OK	53940	19
10/09/2010 15:30:57	Serial	SER-Rx 4: 41 54 5A 0D ATZ	53810	18
10/09/2010 15:38:57	Serial	SER-Tx 4: 41 54 5A 0D ATZ	53800	17
10/09/2010 15:30:56	Serial	SER-Rx 9: 41 54 0D 0D 0A 4F 4B 0D 0A AT OK	53290	16
10/09/2010 15:38:56	Serial	SER-Tx 1: 0D	53140	15
10/09/2010 15:38:55	Serial	SER-Tx 1: 54 T	51990	14
10/09/2010 15:30:55	Serial	SER-Tx 1: 41 A	51840	13
10/09/2010 15:38:45	Serial	SER-Rx 6: 0D 0A 4F 4B 0D 0A OK	41690	12

The AT comment exchange between the eWON and the modem are now displayed in this window.

If using eBuddy you take a full backup including support files, then the Realtime log trace will make part of the backup file.



## Revision

### Revision History

Revision Level	Date	Description
1.0	21/08/2012	Creation of document

#### Document build number: 3

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