



Technical Note 12

eWON var_1st.txt format

Revision	0.1
Devices	eWON

The *var_1st.txt* file contains the description of each tags configured in the eWON. All these tags are set up in the eWON Tag Setup Pages. Note that a tag setup is done through two web pages as soon as an alarm is configured for the tag (check “Then Edit Notification”).

The *var_1st.txt* file can be saved as a .csv (comma separated values) file which makes it easier to import in programs such as Microsoft Excel ® or OpenOffice.

The following table describes the fields contained in the file. For each field, the position on the Tag setup web pages is identified by *Nb* (see following two pictures).

Name	Nb	Description
Id	1	Tag Id, defined internally by the eWON
Name	2	Tag name
Description	3	Tag description
ServerName	4	Name of the server which delivers the tag value
TopicName	5	Name of the topic the tag is part of
Address	6	Address in the IO server
Coef	7	Coefficient by which the IO server delivered value is multiplied
Offset	8	Offset added to the IO server delivered value
LogEnabled	9	Historical Logging enable
AlEnabled	10	Alarm enabled
Type	11	0 = Digital, 1 = Analog
AlBool	12	Alarm level (for Boolean tags)
MemTag	13	Is tag a memory tag
MbsTcpEnabled	14	Modbus TCP tag accessibility
MbsTcpFloat	15	Should the value come from two consecutive registers
SnmpEnabled	16	SNMP tag accessibility
RTLogEnabled	17	Real-time logging enabled
AlAutoAck	18	Alarm auto acknowledgement
ForceRO	19	Force tag read-only
SnmpOID	20	SNMP tag publication ID
AlHint	21	Alarm hint
AlHigh	22	Alarm level high
AlLow	23	Alarm level low
AlTimeDB	24	Alarm Delay (time deadband)
AlLevelDB	25	Alarm Value deadband
Pageld	26	Index of the page the tag is part of

RTLogWin	27	Time span (period logged for real-time logging)
RTLogTimer	28	Real-time logging interval (in seconds)
LogDB	29	Historical logging deadband (do not log if value change is less than ...)
LogTimer	30	Historical logging interval (in seconds)
MbsTcpRegister	31	Register by which the tag is accessed through Modbus TCP
MbsTcpCoef	32	Coefficient by which the tag value is multiplied before being forwarded to Modbus TCP
MbsTcpOffset	33	Offset added to the tag value before ... (see 32)
EEN	34	Email notification enabled
ETO	35	Email TO field (recipient(s) address(es))
ECC	36	Email carbon copy (CC address(es))
ESU	37	Email subject
ESH	38	Email attachment
SEN	39	SMS notification enabled
STO	40	Recipient phone number
SSU	41	SMS content (subject)
TEN	42	SNMP trap notification enabled
TSU	43	SNMP trap subject
FEN	44	FTP notification enabled
FFN	45	FTP destination file name
FCO	46	FTP file content
AlStat	*	Alarm Status
ChangeTime	**	Last time the tag value has changed
TagValue	***	Current tag value

* This information is published on the alarm summary page

** This information isn't published

*** This information is published on the View IO page

Some values are 0 or 1. Due to type conversion inside the eWON, a 1 may appear as -1. When parsed by the eWON, -1 and 1 mean the same.

Tag Name: **Page:**

Tag Description:

I/O Server Setup

Server Name: **Topic Name:**

Address: **Type:** **Force Read Only:**

eWON value = IO Server Value: +

Tag Visibility

Published value: REMARK: Value published is unsigned 16Bits for ModbusTCP and signed 32 bits for SNMP

Modbus TCP: Enabled

Register: Consider as float register

SNMP: Enabled

OID: Value published: .1.3.6.1.4.1.8284.2.1.3.1.11.1.4.OID (Integer32)

Alarm Setup

Alarm Enabled

Alarm Level Low: **Alarm Level High:** **Value Deadband:**

Boolean Alarm Level:

Activation Delay: sec **Auto acknowledge:** (Auto ACK on RTN)

Alarm Hint:

Historical Logging

Historical Logging Enabled

Logging Deadband: (put a negative value to disable deadband logging)

Logging Interval: Seconds (set to 0 will enable only Deadband logging)

Real Time Logging

Real Time Logging Enabled

Time Span: Seconds

Logging Interval: Seconds

Figure 1:
Tag Setup Web Page

The image shows a web page for configuring alarm notifications. It is divided into four main sections, each with a title bar and several input fields. Red arrows point from numbered callout boxes to specific elements in the form.

- eMail Notification** (Title bar 34):
 - eMail Enabled (35)
 - Format as short message (36)
 - eMail TO: [text input] ex: usr1@dom.ci,usr2@dom.ci (37)
 - eMail CC: [text input]
 - eMail Subject: [text input] (38)
 - eMail Attachment(s): [text input] ex: &[dtEV] (39)
- SMS Notification** (Title bar 39):
 - SMS Enabled (40)
 - SMS Destination: [text input] ex: 0456334433,ucp,0567112200,pass DestPhone,Protocol,ServerPhone,pass with Protocol = ucp or tap (41)
 - SMS Subject: [text input] (42)
- Put FTP Notification** (Title bar 44):
 - Put FTP Enabled (45)
 - Destination File Name: [text input]
 - File Content: [text input] (46)
- SNMP Trap Notification** (Title bar 42):
 - TRAP Enabled (43)
 - Trap Subject: [text input]

Figure 2:
Alarm Notification Setup Web Page