

KB Name	config.txt Parameters		
Type	Configuration		
Since revision	NA		
KB Number	KB-0052-0	Build	59
Mod date	'06-FEB-2014		

Knowledge Base Information

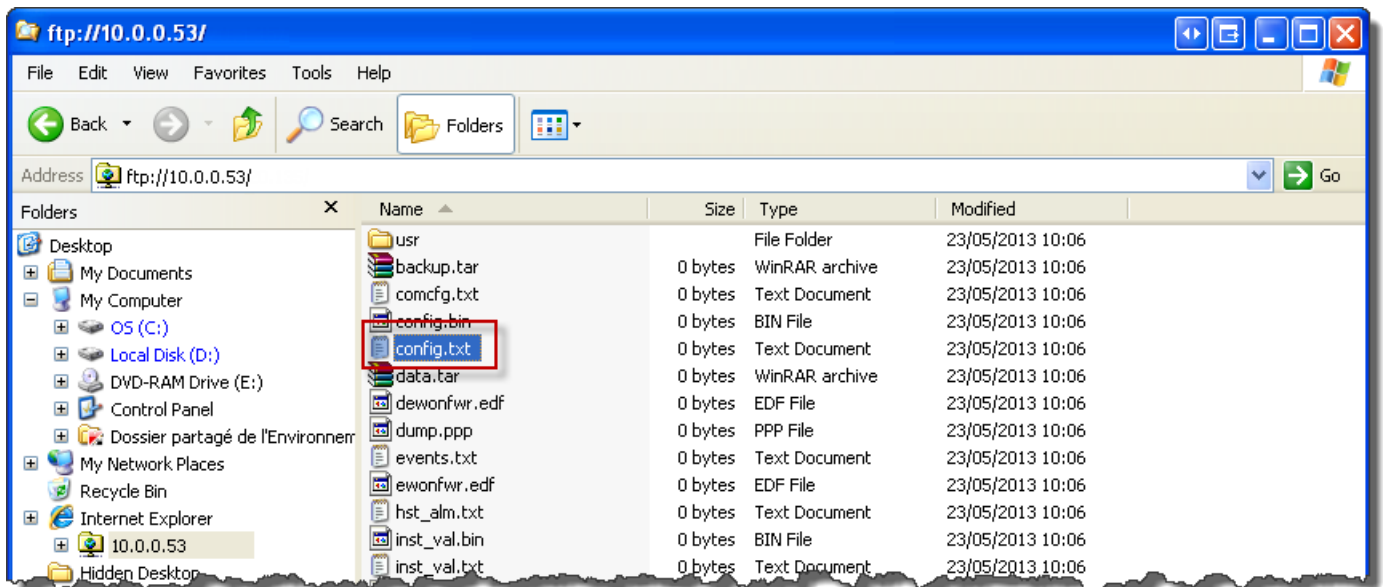
config.txt Parameters

1. Purpose

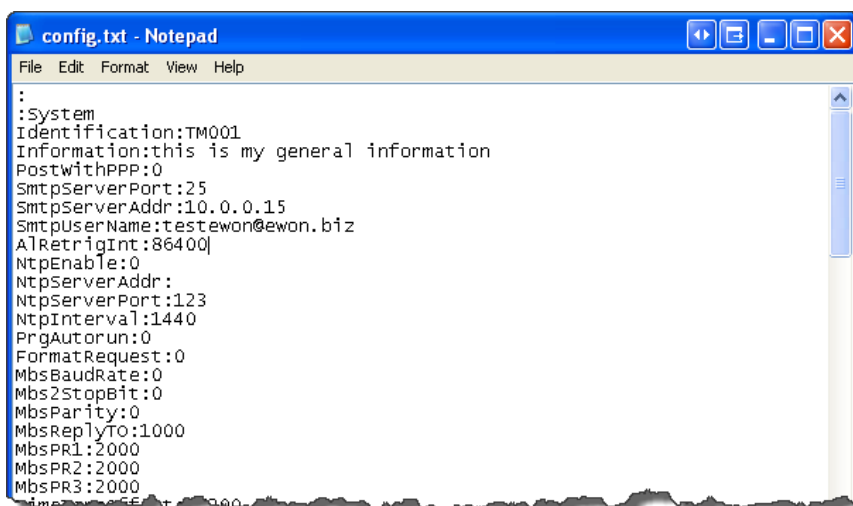
This document lists the config.txt parameters. The tag related parameters included in the config.txt are not covered here but in KB-0053-0. Some parameters listed are not relevant to certain eWON types and may hence appear neither in the corresponding config.txt file nor on the interface.

For practical reasons, the data is looked at from two different perspectives. In chapter 2 we present the parameters as they appear in the config.txt file with description, default and acceptable values. In chapter 3 we show how you can access these parameters from the user interface.

You can get the config.txt file by taking a backup or you can copy the single file on your PC using an ftp connection as shown below.



The config.txt file can be edited in whatever text editor like notepad or similar.



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2. List of Parameters

Notes:

- Some tags appear only for certain devices or in certain circumstances.
- Default values correspond to 2005CD devices with firmware version 6.4s4.

Field name	Description	Default Value	Acceptable Values
:System	File structure	NA	NA
Identification:	eWON Identification	[empty]	Text
Information:	General information	[empty]	Text
PostWithPPP:	TBD	0	TBD
SmtServerPort:	SMTP Server Port	25	Integer
SmtServerAddr:	SMTP Server Address Examples: smtp.domain.com or mail.domain.com or an IP address	[empty]	Text or IPv4 dotted decimal
SmtUserName:	E-Mail "From" User name: Example: name@provider.ab	[empty]	Text
AlRetrigInt:	Action retri. Interval	86400	Integer [seconds]
NtpEnable:	Enable NTP clock update	0	0 Disabled 1 Enabled
NtpServerAddr:	NTP Server Address Examples: www.domain.com or an IP address	[empty]	Text or IPv4 dotted decimal
NtpServerPort:	NTP Server Port	123	Integer
NtpInterval:	Update time interval	1440	Integer [minutes]
PrgAutorun:	Script starts at eWON boot	0	0 FALSE 1 TRUE
FormatRequest:	TBD	0	TBD
MbsBaudRate:	Modbus IO Server Baud Rate	0 (disabled)	0, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57200
Mbs2StopBit:	Modbus IO Server Stop Bit(s)	0	0 1 1 2
MbsParity:	Modbus IO Server Parity	0	0 None 1 Even 2 Odd
MbsReplyTO:	Modbus IO Server Reply Timeout	1000	Integer [msec]
MbsPR1:, PR2:, PR3:	Modbus IO Server Poll Rate Topics A, B, C	2000	Integer [msec]

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Field name	Description	Default Value	Acceptable Values
TimeZoneOffset:	TNTP: GMT Offset	-7200	Signed Integer [seconds]
MbsAddress:	Modbus TCP Server Unit Address	100	Integer
MbsSlaveEn:	Modbus TCP Server Slave	1	0 Disabled
			1 Enabled
DecSeparator:	Decimal separator	46	46 TBD
Page1:	User Page 1	Default	Text
Page2:	User Page 2	System	Text
Page3: to 10:	User Page 3 to 10	[empty]	Text
IOSrv0: to 9:	Configured IO Servers EWON	[empty]	MEM, EWON, MODBUS, NETMPI, SNMP, DF1, FINS, ABLOGIX, SNMP, S7200, QWAVE, HITACHI, MELSEC
IOSrvData0: to 9:	IO Server settings	[empty]	Depending on IO Servers configured with previous field.
SecureUsr:	Enable user web pages security	1	0 Disabled
			1 Enabled
HomePage:	User defined web home page Example: index.htm or an IP address	[empty]	Text or IPv4 dotted decimal
MbsSMB1: to 3	MODBUS IO Server Slave Address (Unit Id): for topic A to C	256	Integer <=256
MbsSIP1: to 3	MODBUS IO Server IP address	0.0.0.0	IPv4 dotted decimal
FtpServerPort:	Target FTP Server Port	21	Integer
FtpServerAddr:	Target FTP Server Address	[empty]	IPv4 dotted decimal
FtpUserName:	Target FTP Server User Name	[empty]	Text
FtpPassword:	Target FTP Server Password	#_1_//8=	Text
SmtplAllowB64:	TBD	1	TBD
MbsEn1: to 3:	Modbus IO Server Enable Topic A, B and C	0	0 Disabled
			1 Enabled
HTTTPC_SDTO:	TBD	[empty]	TBD
HTTTPC_RDTO:	TBD	[empty]	TBD
HTTTPC_DEB:	TBD	[empty]	TBD

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Field name	Description	Default Value	Acceptable Values
FTPC_SDTO:	FTP client operations GetFTP or PutFTP - SEND timeOut	60	Integer [seconds]
FTPC_SCTO:	FTP client operations GetFTP or PutFTP - Connect timeOut	60	Integer [seconds]
FTPC_ACTO:	FTP client operations GetFTP or PutFTP - Accept timeOut (=connect in passive mode)	60	Integer [seconds]
FTPC_RDTO:	FTP client operations GetFTP or PutFTP - READ timeOut	60	Integer [seconds]
UNACT_TO:	TBD	[empty]	TBD
DNS_SRTO:	TBD	[empty]	TBD
DNS_TTL:	TBD	[empty]	TBD
DNS_ERRMSK:	TBD	[empty]	TBD
HTTP_REQTO:	TBD	[empty]	TBD
SnmpCom1: to 5:	SNMP Community 1 to 5	[empty]	Text
SnmpR1: to 5:	SNMP Community 1 to 5: Read	0	0 Disabled
			1 Enabled
SnmpW1: to 5:	SNMP Community 1 to 5: Write	0	0 Disabled
			1 Enabled
SnmpAlwAll:	Accept SNMP from any host	1	0 Disabled
			1 Enabled
SnmpHlp1: to 5:	SNMP Hosts > Host1 to 5 IP address	[empty]	IPv4 dotted decimal
SnmpHCom1: to 5:	SNMP Hosts > Host1 to 5 Community	[empty]	Text
SnmpHTrap1: to 5:	SNMP Hosts > Host1 to 5 Trap	0	0 Disabled
			1 Enabled
SnmpHALw1: to 5	SNMP Hosts > Host1 to 5 Allow Access	0	0 Disabled
			1 Enabled
MbsBits:	MODBUS IO Server: Data Bits	8	7 or 8
FtpUsePasv:	FTP Client: Use Passive Mode	0	0 Disabled
			1 Enabled
AlMaxTry:	Alarm > Retry action:	1	Integer
AlRetryInt:	Alarm > Action retry interval:	120	Integer [seconds]
HWMODE:	MODBUS IO Server: HW mode	1	1 Half Duplex
			2 Full Duplex HW Handshaking
			3 Full Duplex NO Handshaking

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Field name	Description	Default Value	Acceptable Values
InitCIRepLvl:	Event Logging Level - Initialisation	3	1 error 2 warning 3 trace
ConfigCIRepLvl:	Event Logging Level - Configuration	3	1 error 2 warning 3 trace
IoSrvCIRepLvl:	Event Logging Level - IO Server	3	1 error 2 warning 3 trace
ModemCIRepLvl:	Event Logging Level - Modem Communication	3	1 error 2 warning 3 trace
IpCIRepLvl:	Event Logging Level - IP Communication	3	1 error 2 warning 3 trace
SerialCIRepLvl:	Event Logging Level - Serial Communication	3	1 error 2 warning 3 trace
KernelCIRepLvl:	Event Logging Level - Kernel	3	1 error 2 warning 3 trace
WebCIRepLvl:	Event Logging Level - Web Interface	3	1 error 2 warning 3 trace
SecuCIRepLvl:	Event Logging Level - Security	3	1 error 2 warning 3 trace
OthersCIRepLvl:	Event Logging Level - Others	3	1 error 2 warning 3 trace
ComCfg1:	TBD	[empty]	TBD
ComCfg2:	TBD	[empty]	TBD
HomePageType:	User defined web home page	0	0 User 1 ViewON
SmtAuthUser:	SMTP > User name	[empty]	Text

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Field name	Description	Default Value	Acceptable Values	
SmtpAuthPass:	SMTP > Password	#_1_//8=	Text	
IpMbsSrvPort:	Modbus TCP Port	502	Integer	
IpEipSrvPort:	EtherNet/IP Port	44818	Integer	
NLSeparator:	TBD	0	TBD	
IpIsoSrvPort:	ISOTCP Port	102	Integer	
IpFinsSrvPort:	FINS Port	9600	Integer	
LayDir:	TBD	[empty]	TBD	
TagPollMode:	Disable Tags in Error	0	0	Disabled
			1	Enabled
DMClientId:	Data Management - eWON ID	[empty]	eWON ID specified on the acquisition server.	
DMClientPwd:	Data Management - Password	#_1_//8=	text	
DMSrvUrl:	Data Management - Server URL (of the acquisition server)	[empty]	URL	
DMSyncSch:	Data Management - Transfer Schedule	[empty]		
DMGroupA:to D:	Data Management - Select Tag groups A to D	0	0	Disabled
			1	Enabled
DMHTRel:	Data Management -	d1	TBD	
DMOnAlarm:	Data Management - Upload on Alarm	0	0	Disabled
			1	Enabled
DMSyncInt:	Data Management - Upload Interval	0	Integer [minutes]	
IOTcpDefTO	Default TCP RX/TX timeout	1000	Integer [msec]	
PlannerMaxTry:	Planner > Try action	0	Integer	
PlannerRetryInt:	Planner > Action Retry Interval	60	Integer [minutes]	
PlannerEntry1: to 10:	Planner Timer Interval > Entry1 to 10 Example of valid entry: 00**1 action to carry out every Monday For more information check our Reference Guide (RG-001)	[empty]	Syntax is the following: mm hh dd MM DD mm = minutes (0-59) hh = hours (0-23) dd = day of the month (1-31) MMM is the month (1-12) DDD is day of week (1-7)	
PreRev6Compat:	Keep data compatible with firmware rev. 5.6 and before (tag quality). <i>Parameter can be set only in config.txt.</i>	0	0	FALSE
			1	TRUE
WizSysDone:	COSY - System Wizard Done	0	0	FALSE
			1	TRUE

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Field name	Description	Default Value	Acceptable Values
WizLOGWDone:	COSY - Gateway Wizard Done	0	0 FALSE 1 TRUE
IOGWSrvName:	COSY ? - TBD	[empty]	Text
ShowAdvOpt:	COSY - Enter maintenance mode	0	0 FALSE 1 TRUE
PutHttpPxyFile:	Proxy File	[empty]	TBD
Language:	Language selection (COSY, Flexy)	-1	-1 Not configured 0 English 1 English 2 French 3 German
AlEmailTemplate	AL Email Template:	[empty]	Text
AlSMSTemplate	AL SMS Template:	[empty]	Text
:	Separator	NA	NA
:TagList	Header	NA	NA
"Id";"Name";"Description";"ServerName";"TopicName";"Address";"Coef";"Of fset";"LogEnabled";"AlEnabled";"Type";"AlBool";"MemTag";"MbsTcpEnabled" ;"MbsTcpFloat";"SnmpEnabled";"RTLogEnabled";"AlAutoAck";"ForceRO";"Snmp OID";"AutoType";"AlHint";"AlHigh";"AlLow";"AlTimeDB";"AlLevelDB";"IVGro upA";"IVGroupB";"IVGroupC";"IVGroupD";"PageId";"RTLogWindow";"RTLogTime r";"LogDB";"LogTimer";"AlLoLo";"AlHiHi";"MbsTcpRegister";"MbsTcpCoef";" MbsTcpOffset";"EEN";"ETO";"ECC";"ESU";"EAT";"ESH";"SEN";"STO";"SSU";"TE N";"TSU";"FEN";"FFN";"FCO";"AlStat";"ChangeTime";"TagValue";"TagQuality ";"AlType"			These tag parameters are described in in a separate document ref. KB-0053.
:UserList	File structure		
Id:	Sequential user number (generated automatically)	1	Integer
FirstName:	User First Name	[empty]	Text [20]
LastName:	User Last Name	[empty]	Text [24]
Login:	User Login	adm	Text [20]
Password:	User Password	adm	Text [24]
Information:	User Free Text	[empty]	Text

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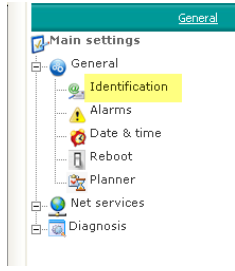
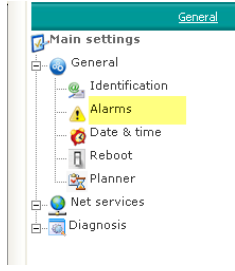
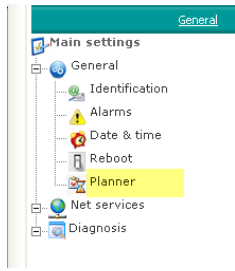
Field name	Description	Default Value	Acceptable Values
Right:	User permissions	All (usr adm)	View IO, Force Outputs, Acknowledge Alarms, Change Configuration, FTP server access, eWON Files access [EBD], Java Forms access, Control JAVA JVM.
EMA:	TBD		TBD
SMS:	TBD		TBD
AccessPage:	User right to access tag pages	All	Default, System, ...
AccessDir:	User right to access user directories	All	Default, System, ...
CBEn:	User callback	0	0 Disabled
			1 Enabled
CBMode:	User callback phone number value is	0	0 Mandatory
			1 User defined
CBPhNum:	User callback phone number	[empty]	Phone number

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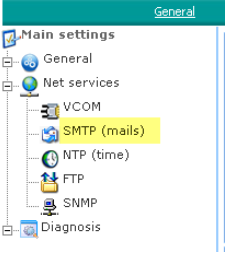
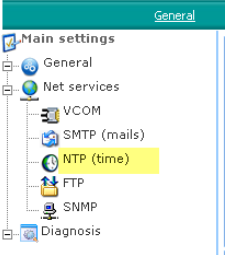
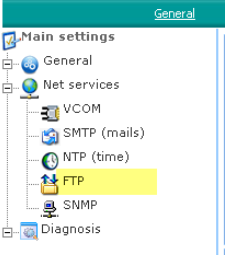
3. Access Path

The list below shows how to find the configuration web page associated with the parameters.

config.txt name	Text as on the interface	Access Path
	<h1>Identification</h1>	
Identification:	eWON Identification	Configuration > System Setup > General > Identification
Information:	General Information	" " " " " " "
HomePage:	User defined home page	" " " " " " "
HomePageType:	Home Page Type	Not found!
SecureUsr:	Enable user pages security	" " " " " " "
	<h1>Alarms</h1>	
AlRetrigInt:	Action retri. interval	Configuration > System Setup > General > Alarms
AlMaxTry:	Retry action	" " " " " " "
AlRetryInt:	Action Retry Interval	" " " " " " "
AlEmailTemplate:	Email Template	" " " " " " "
AlSMSTemplate	SMS Template	" " " " " " "
	<h1>Planner</h1>	
PlannerMaxTry:	Try Action	Configuration > System Setup > General > Planner
PlannerRetryInt:	Action Retry Interval	" " " " " " "

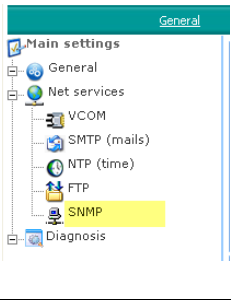
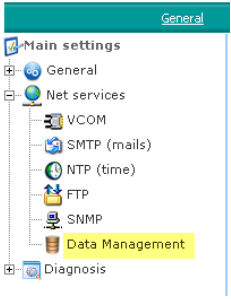
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config.txt name	Text as on the interface	Access Path
PlannerEntry1: to 10:	Entry 1 to 10 Timer Interval	Configuration > System Setup > General > Planner
	SMTP	
SmtServerAddr:	Smt Server Address	Configuration > System Setup > General > Net services > SMTP
SmtServerPort:	Smt Server Port	" " " " " " " "
SmtUserName:	Email "From" User name	" " " " " " " "
SmtAuthUser:	User name	" " " " " " " "
SmtAuthPass:	Password	" " " " " " " "
SmtAllowB64:	TBD	TBD
	NTP	
NtpEnable:	Enable NTP clock update	Configuration > System Setup > General > Net services > NTP
NtpServerAddr:	NTP Server Address	" " " " " " " "
NtpServerPort:	NTP Server Port	" " " " " " " "
TimeZoneOffset:	GMT Offset	" " " " " " " "
NtpInterval:	Update time interval	" " " " " " " "
	FTP	
FtpServerAddr:	FTP Server Address	Configuration > System Setup > General > Net services > FTP
FtpServerPort:	FTP Server Port	" " " " " " " "
FtpUserName:	User Name	" " " " " " " "

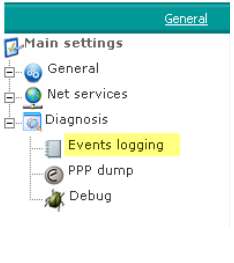
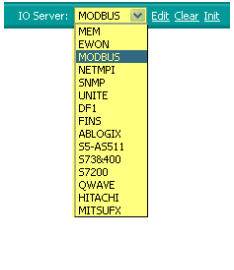
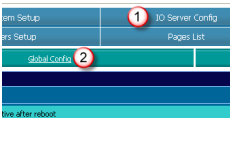
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config.txt name	Text as on the interface	Access Path
FtpPassword:	Password	Configuration > System Setup > General > Net services > FTP
FtpUsePasv:	Use Passive Mode	" " " " " " " "
	<h1>SNMP</h1>	
SnmCom1: to 5:	Community 1 to 5	Configuration > System Setup > General > Net services > SNMP
SnmR1: to 5:	Community 1 to 5 Read	" " " " " " " "
SnmW1: to 5:	Community 1 to 5 Write	" " " " " " " "
SnmAlwAll:	Accept SNMP from any host	" " " " " " " "
SnmHIp1: to 5:	Host 1 to 5 Host IP Address	" " " " " " " "
SnmHCom1: to 5:	Host 1 to 5 Community	" " " " " " " "
SnmHTrap1: to 5:	Host 1 to 5 Trap	" " " " " " " "
SnmHALw1: to 5	Host 1 to 5 Allow Access	" " " " " " " "
	<h1>Data Management</h1>	
DMClientId:	eWON Data Management ID	Configuration > System Setup > General > Net services > Data Management
DMClientPwd:	Password	" " " " " " " "
DMSrvUrl:	Server URL	" " " " " " " "
DMSyncInt:	Upload interval	" " " " " " " "
DMSyncSch:	Advanced data transfer schedule	" " " " " " " "
DMGroupA:to D:	Select tag group(s)	" " " " " " " "
DMOnAlarm:	Upload on alarm	" " " " " " " "
DMHTRel:	Hidden	NA

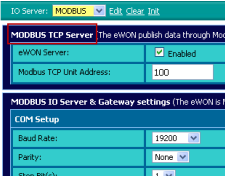
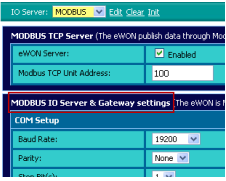
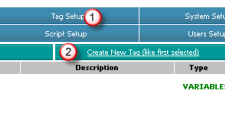
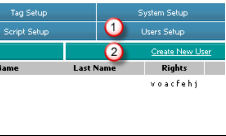
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	<h1>Events Logging</h1>	
InitCIRepLvl:	Initialisation > Reporting level	Configuration > System Setup > General > Diagnosis > Events logging
ConfigCIRepLvl:	Configuration > Reporting level	" " " " " " " " " "
IoSrvCIRepLvl:	IO Server > Reporting level	" " " " " " " " " "
ModemCIRepLvl:	Modem Communication > Reporting level	" " " " " " " " " "
IpCIRepLvl:	IP Communication > Reporting level	" " " " " " " " " "
SerialCIRepLvl:	Serial Communication > Reporting level	" " " " " " " " " "
KernelCIRepLvl:	Kernel > Reporting level	" " " " " " " " " "
WebCIRepLvl:	Web Inetface > Reporting level	" " " " " " " " " "
SecuCIRepLvl:	Security > Reporting level	" " " " " " " " " "
OthersCIRepLvl:	Other Applications > Reporting level	" " " " " " " " " "
	<h1>IO Server Config</h1>	
IOSrv0: to 9:	IO Server	Configuration > IO Server Config
	<h1>Global Config</h1>	
IpMbsSrvPort:	Modbus TCP Port	Configuration > IO Server Config > Global Config
IpEipSrvPort:	EtherNet/IP Port	" " " " " " " " " "
IpIsoSrvPort:	ISOTCP Port	" " " " " " " " " "
IpFinsSrvPort:	FINS Port	" " " " " " " " " "
TagPollMode:	Disable Tags in Error	" " " " " " " " " "
IOTcpDefTO	Default TCP RX/TX Timeout	" " " " " " " " " "

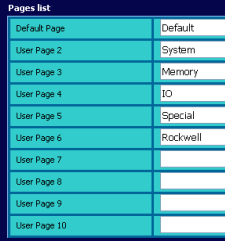
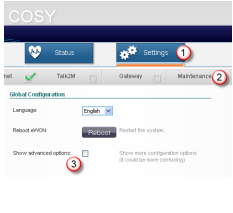
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	<h1>Modbus TCP Server</h1>	
MbsSlaveEn:	eWON Server	Configuration > IO Server Config > MODBUS > MODBUS TCP Server
MbsAddress:	Modbus TCP Unit Address	“ “ “ “ “ “ “ “
	<h1>Modbus IO Server</h1>	
MbsBaudRate:	Baud Rate	Configuration > IO Server Config > MODBUS > MODBUS IO Server & Gateway settings
MbsParity:	Parity	“ “ “ “ “ “ “ “
Mbs2StopBit:	Stop Bit(s)	“ “ “ “ “ “ “ “
HWMode:	HW Mode	“ “ “ “ “ “ “ “
MbsReplyTO:	Reply Timeout	“ “ “ “ “ “ “ “
MbsBits:	Others (Data Bits)	“ “ “ “ “ “ “ “
MbsEn1: to 3:	Enabled	Configuration > IO Server Config > MODBUS > MODBUS IO Server & Gateway settings > Topic A, B and C
MbsSMB1: to 3:	Slave Address (Unit ID)	“ “ “ “ “ “ “ “
MbsSIP1: to 4	IP Address (Blank for RTU)	“ “ “ “ “ “ “ “
MbsPR1:, PR2:, PR3:	Poll Rate	“ “ “ “ “ “ “ “
	<h1>Tag Setup</h1>	
Id; Name; Description; ServerName; TopicName, etc, etc..	NA	Configuration > Tag Setup > Create New Tag (or edit existing one) The interface location of the tag setup parameters are described in a separate document ref. KB-0053.
	<h1>User Setup</h1>	
FirstName:	First Name	Configuration > Users Setup > Create New User (or edit existing) > Identification
LastName:	Last Name	“ “ “ “ “ “ “ “

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Type	Configuration		
Since revision	NA		
KB Number	KB-0052-0	Build	59
Mod date	'06-FEB-2014		

Knowledge Base Information

config.txt name	Text as on the interface	Access Path
Login:	User Login	Configuration > Users Setup > Create New User (or edit existing) > Identification
Password:	Password	" " " " " " " " "
Information:	Information	" " " " " " " " "
Right:	Rights	Configuration > Users Setup > Create New User (or edit existing) > Rights
AccessPage:	Tag Page allowed	" " " " " " " " "
AccessDir:	User Directory allowed	" " " " " " " " "
CBEn:	Enabled	Configuration > Users Setup > Create New User (or edit existing) > Callback
CBMode:	Callback phone number value is (mandatory)	" " " " " " " " "
CBPhNum:	Callback phone number	" " " " " " " " "
	<h1>Pages List</h1>	
Page1:	Default Pager	Configuration > Pages List
Page2:	User Page 2	" " "
Page3: to 10:	User Page 3 to 10	" " "
	<h1>COSY</h1>	
WizSysDone:	WizSysDone	(COSY) Home > Config > Maintenance > Edit System Configuration
WizIOGWDone:	WizIOGWDone	" " " " " " " " "
IOGWSrvName:	IOGWSrvName	" " " " " " " " "
ShowAdvOpt:	Show Advanced Options	(COSY) Home > Config > Maintenance