

Comcfg.txt Parameters  
PRODUCT TYPE: COSY+, COSY131, FLEXY

SSH-0050-00 1.8  
Publication date 15/05/2022

## Important User Information

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# 1. Preface

## 1.1. About This Document

This document lists all parameters contained in the comcfg.txt Ewon® Cosy+ of the and Ewon Flexy.

For additional related documentation and file downloads, please visit [www.ewon.biz/support](http://www.ewon.biz/support).

## 1.2. Document history

Version	Date	Description
1.0	2018-08-28	First release.
1.1	2019-01-28	Changed: EthGW parameter.
1.2	2019-10-14	Added: Parameter for string tags.
1.3	2019-10-30	Changed: <b>WirelessNet</b> parameter
1.4	2019-12-03	Added: <a href="#">Security Improvement (page 16)</a>
1.5	2020-05-06	Changed: "VCOMTempo"
1.6	2020-09-15	Changed:
1.7	2021-12-03	Changed:
1.8	2023-05-15	Additional information per device

## 1.3. Related Documents

## 1.4. Trademark Information

Ewon® is a registered trademark of SA. All other trademarks mentioned in this document are the property of their respective holders.

## 2. COM Parameters



### NOTICE

In the tab below, the COM Parameter applies to the one or multiple devices that are flagged in the last columns.

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy								
EthIP	LAN IP address [Applied after Reboot]	10.0.0.53	IPv4 dotted decimal	X	X	X								
EthMask	LAN Subnet mask	255.255.255.0	IPv4 dotted decimal	X	X	X								
EthGW	Default WAN gateway: If there is no active WAN connection, this parameter is the default LAN gateway.	0.0.0.0	IPv4 dotted decimal	X	X	X								
UseBOOTP	Type of LAN IP address	0	<table border="1"> <tr> <td>0</td> <td>Static</td> </tr> <tr> <td>1</td> <td>BootP</td> </tr> <tr> <td>2</td> <td>DHCP</td> </tr> </table>	0	Static	1	BootP	2	DHCP	X	X	X		
0	Static													
1	BootP													
2	DHCP													
PPPServerIp	PPP server IP address	202.0.0.240	IPv4 dotted decimal		X	X								
PPPServerMask	PPP server IP mask	255.255.255.0	IPv4 dotted decimal		X	X								
PPPServerGW	PPP server IP gateway	0.0.0.0	IPv4 dotted decimal		X	X								
PPPClientIp	PPP Client IP address	202.0.0.1	IPv4 dotted decimal		X	X								
PPPCompress	PPP Enable Client Compression Protocol	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X				
0	Disabled													
1	Enabled													
PPPPhone1	PPP Server1 phone number	0	Phone Number		X	X								
PPPUserName1	APN/sPPP Server1 User name	[empty]	Text	X	X	X								
RTEnIpFwrd	Enable IP forwarding between IP interfaces	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X				
0	Disabled													
1	Enabled													
DialInOut	PPP incoming Connection and/or PPP outgoing Connection	1	<table border="1"> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Incoming only</td> </tr> <tr> <td>2</td> <td>Outgoing only</td> </tr> <tr> <td>3</td> <td>Incoming &amp; Outgoing</td> </tr> </table>	0	None	1	Incoming only	2	Outgoing only	3	Incoming & Outgoing		X	X
0	None													
1	Incoming only													
2	Outgoing only													
3	Incoming & Outgoing													
InEqualOut	PPP Connected Client is a Gateway	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X				
0	Disabled													
1	Enabled													
DialTO	Dial-out time out	360	Integer [seconds]		X	X								
CIIdle	Client mode idle time out before hangup	120	Integer [seconds]	X	X	X								
SrvIdle	Server mode idle time out before hangup	240	Integer [seconds]		X	X								
EthDns1	Ethernet DNS 1 IP address	0.0.0.0	IPv4 dotted decimal	X	X	X								
EthDns2	Ethernet DNS 2 IP address	0.0.0.0	IPv4 dotted decimal	X	X	X								
PPPSrvCompress	Enable PPP Server Compression Protocol	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X				
0	Disabled													
1	Enabled													
PPPNeedChap	Enable CHAP authentication	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X				
0	Disabled													
1	Enabled													
PPPPhone2	ISP2 Server phone number	0	Phone number		X	X								

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy																										
PPPCUserName2	ISP2 User name	[empty]	Text		X	X																										
CallAlloc	Allocated budget	24	Integer [hours]		X	X																										
CallAllocRst	Budget reset period	168	Integer [hours]		X	X																										
CBEnabled	Callback	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X																						
0	Disabled																															
1	Enabled																															
CBDelay	Callback delay after rings	30	Integer [seconds]		X	X																										
CBIdleTime	Callback mode idle time out before hangup	1200	Integer [seconds]		X	X																										
CBDDnsType	Publish IP address Dynamic DNS Type	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>No-IP.com</td> </tr> <tr> <td>4</td> <td>DynDns.org</td> </tr> <tr> <td>7</td> <td>Ods.org</td> </tr> <tr> <td>8</td> <td>Tzo.com</td> </tr> <tr> <td>9</td> <td>EasyDns.com</td> </tr> <tr> <td>13</td> <td>Dyns.cx</td> </tr> <tr> <td>15</td> <td>ZoneEdit.com</td> </tr> </table>	0	Disabled	1	No-IP.com	4	DynDns.org	7	Ods.org	8	Tzo.com	9	EasyDns.com	13	Dyns.cx	15	ZoneEdit.com		X	X										
0	Disabled																															
1	No-IP.com																															
4	DynDns.org																															
7	Ods.org																															
8	Tzo.com																															
9	EasyDns.com																															
13	Dyns.cx																															
15	ZoneEdit.com																															
CBDDnsUName	Publish IP address Dynamic DNS User Name	[empty]	Text		X	X																										
CBDDnsHName	Publish IP address Dynamic DNS Host Name	[empty]	Text		X	X																										
CBDDnsDName	Publish IP address Dynamic DNS Domain Name	[empty]	Text		X	X																										
CBType	Callback type	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X																						
0	Disabled																															
1	Enabled																															
CBNbRing	Callback detection minimum number of rings	5	Integer [rings]		X	X																										
CBTo	Phone number to use for callback	1	<table border="1"> <tr> <td>0</td> <td>User request account</td> </tr> <tr> <td>1</td> <td>Primary dialup</td> </tr> <tr> <td>2</td> <td>Secondary dialup</td> </tr> </table>	0	User request account	1	Primary dialup	2	Secondary dialup		X	X																				
0	User request account																															
1	Primary dialup																															
2	Secondary dialup																															
RTEntTransFw	Enable transparent forwarding	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X																						
0	Disabled																															
1	Enabled																															
RTEntAuthRt	Authentication for transparent forwarding required	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X																						
0	Disabled																															
1	Enabled																															
ModDetCnt	Modem detection trial count, <i>if not detected after this number Ewon reboots</i>	4	Integer [trials]		X	X																										
ModExpType	Modem expected type (software). Defines compatibility with different modems (details in <a href="#">KB-0007-00</a> ).	Depends on HW configuration.	<table border="1"> <tr> <td>-1</td> <td>Automatic</td> </tr> <tr> <td>0</td> <td>No Modem</td> </tr> <tr> <td>2</td> <td>PSTN Multitech 33k</td> </tr> <tr> <td>3</td> <td>PSTN Multitech 56k</td> </tr> <tr> <td>9</td> <td>PSTN Multitech 33k LS</td> </tr> <tr> <td>10</td> <td>ISDN Stollman</td> </tr> <tr> <td>11</td> <td>PSTN Multitech 56k LS</td> </tr> <tr> <td>12</td> <td>ISDN Altec 5068S</td> </tr> <tr> <td>131</td> <td>GSM-GPRS-QuadB Wavecom All Models</td> </tr> <tr> <td>132</td> <td>QuadBand Siemens TC63, TC65, AC65</td> </tr> <tr> <td>133</td> <td>QuadBand Siemens MC75, AC75</td> </tr> <tr> <td>134</td> <td>UMTS/GPRS Quad Telit All Models</td> </tr> <tr> <td>135</td> <td>Global HSUPA</td> </tr> </table>	-1	Automatic	0	No Modem	2	PSTN Multitech 33k	3	PSTN Multitech 56k	9	PSTN Multitech 33k LS	10	ISDN Stollman	11	PSTN Multitech 56k LS	12	ISDN Altec 5068S	131	GSM-GPRS-QuadB Wavecom All Models	132	QuadBand Siemens TC63, TC65, AC65	133	QuadBand Siemens MC75, AC75	134	UMTS/GPRS Quad Telit All Models	135	Global HSUPA		X	X
-1	Automatic																															
0	No Modem																															
2	PSTN Multitech 33k																															
3	PSTN Multitech 56k																															
9	PSTN Multitech 33k LS																															
10	ISDN Stollman																															
11	PSTN Multitech 56k LS																															
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131	GSM-GPRS-QuadB Wavecom All Models																															
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133	QuadBand Siemens MC75, AC75																															
134	UMTS/GPRS Quad Telit All Models																															
135	Global HSUPA																															

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy								
ModFrcType	Modem Forced Type (software). Defines compatibility with different modems (details in <a href="#">KB-0007-00</a> ).	-1	<table border="1"> <tr> <td>-1</td> <td>Automatic</td> </tr> <tr> <td>0</td> <td>No Modem</td> </tr> <tr> <td>#</td> <td>Modem type (see ModExpType parameter)</td> </tr> </table>	-1	Automatic	0	No Modem	#	Modem type (see ModExpType parameter)		X	X		
-1	Automatic													
0	No Modem													
#	Modem type (see ModExpType parameter)													
SSAM	Server Access Selection Mode	0	<table border="1"> <tr> <td>-1</td> <td>Use Last Valid Server</td> </tr> <tr> <td>0</td> <td>Return to Server 1</td> </tr> <tr> <td>1</td> <td>Use only Server 1</td> </tr> <tr> <td>2</td> <td>Use only Server 2</td> </tr> </table>	-1	Use Last Valid Server	0	Return to Server 1	1	Use only Server 1	2	Use only Server 2		X	X
-1	Use Last Valid Server													
0	Return to Server 1													
1	Use only Server 1													
2	Use only Server 2													
CBNbRingOH	Callback Number of Rings more than minimum	10	Integer [rings]		X	X								
RTDodType	Accept Dial on Demand Internet Connection	0	<table border="1"> <tr> <td>0</td> <td>NO ONE except</td> </tr> <tr> <td>1</td> <td>ANYONE except</td> </tr> </table>	0	NO ONE except	1	ANYONE except		X	X				
0	NO ONE except													
1	ANYONE except													
RTDodF1..#	Dial on demand exception range 1..# FROM	0.0.0.0	IPv4 Dotted Decimal		X	X								
RTDodT1..#	Dial on demand exception range 1..# TO	0.0.0.0	IPv4 Dotted Decimal		X	X								
MaxCallDur	Max Connection Time	60	Integer [minutes]	X	X	X								
HUNoAct	Hangup if No Outgoing Action after	-1	<table border="1"> <tr> <td>0</td> <td>Immediately</td> </tr> <tr> <td>-1</td> <td>After Idle Time [Cldie]</td> </tr> </table> Integer [minutes]	0	Immediately	-1	After Idle Time [Cldie]		X	X				
0	Immediately													
-1	After Idle Time [Cldie]													
DOErrRst	Dial Out - Reboot Modem after x Outgoing Call Failures	6	Integer [calls]		X	X								
DORetryInt	Dial Out – Relay between Retries	300	Integer [minutes]		X	X								
X25Net	Not used	0												
X25Usr	Not used	[empty]												
X25Facil	Not used	[empty]												
X25X121	Not used	[empty]												
ModemInitStr	Modem Init-String – Initialization AT Commands – Modem-Type Dependent (details in <a href="#">KB-0007-00</a> ).	[empty] if No Modem  Otherwise depends on Modem Type as per ModExpType parameter	<table border="1"> <tr> <td>Example PSTN: AT&amp;F&amp;FE1&amp;Q5&amp;K3&amp;D2&amp;C1</td> </tr> <tr> <td>Example GSM: AT&amp;FE0&amp;D2&amp;C1+IFC=2,2;+CSNS=4</td> </tr> <tr> <td>Example ISDN: AT&amp;FE0&amp;D&amp;C1&amp;K3B3</td> </tr> </table>	Example PSTN: AT&F&FE1&Q5&K3&D2&C1	Example GSM: AT&FE0&D2&C1+IFC=2,2;+CSNS=4	Example ISDN: AT&FE0&D&C1&K3B3		X	X					
Example PSTN: AT&F&FE1&Q5&K3&D2&C1														
Example GSM: AT&FE0&D2&C1+IFC=2,2;+CSNS=4														
Example ISDN: AT&FE0&D&C1&K3B3														
MemOrg	Memory Configuration - Storage Configuration (*) hardware dependent  [Applied after Reboot]	1	<table border="1"> <tr> <td>1</td> </tr> <tr> <td>2</td> </tr> <tr> <td>5</td> </tr> </table> See the <i>General Reference Guide</i> of the corresponding device	1	2	5		X	X					
1														
2														
5														
PdpApnUse	PDP context Definition - Packet Data Protocol Context <i>Must be enabled in order to use GPRS Connection.</i>	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X				
0	Disabled													
1	Enabled													
PdpApn	GPRS PDP: Access Point Name	[empty]	URL (if PdpApnUse is enabled)	X	X	X								
QosReqUse	GPRS Quality Of Service Profile (Requested)	0	See the General Reference Guide of the corresponding device		X	X								
QosReqPred	Precedence	0			X	X								
QosReqDel	Delay	0			X	X								

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy
QosReqRel	Reliability	0			X	X
QosReqPk	Peak	0			X	X
QosReqMn	Mean	0			X	X
QosMinUse	GPRS Quality Of Service Profile (Minimum Acceptable)	0	See the General Reference Guide of the corresponding device		X	X
QosMinPred	Precedence	0			X	X
QosMinDel	Delay	0			X	X
QosMinRel	Reliability	0			X	X
QosMinPk	Peak	0			X	X
QosMinMn	Mean	0			X	X
IpsHttpP1	Primary HTTP Port [Required Reboot]	80		Integer	X	X
IpsHttpP2	Secondary HTTP port [Required Reboot]	81	Integer	X	X	X
IpsFtpP	FTP port	21	Integer	X	X	X
EthIpAddr2	WAN IP address	10.1.0.53	IPv4 dotted decimal	X	X	X
EthIpMask2	WAN Subnet mask	255.255.255.0	IPv4 dotted decimal	X	X	X
PPPAnswRing	Number of rings before modem answers	1	Integer [rings]		X	X
PPPSrvDialInWD	Reset Ewon if no incoming connection after...	0	Integer [hours] 0    Disable watchdog		X	X
UseBOOTP2	WAN IP Address Allocation	0	0    Static 1    BootP 2    DHCP	X	X	X
VPNRedirect	Route all gateway traffic through VPN	0	0    Disabled 1    Enabled		X	X
NatItf	Apply NAT and TF to Connection (listbox)	0	0    NAT and TF disabled 1    NAT and TF on VPN 2    NAT and TF on WAN 3    NAT on LAN (Plug'nRoute)	X	X	X
TFMaxPort	Highest transparent forwarding port	10000	Integer	X	X	X
CBPubIP	Callback Publish IP Address	0	0    Disabled 1    Enabled		X	X
WANItfProt	WAN Protection Level	2	1    Discard all except VPN and initiated traffic 2    Allow all 3    Discard all except VPN, initiated traffic and ping	X	X	X
WANCnx	WAN Network Connection	2	0    No access 1    Modem 2    Ethernet 3    ADSL 4    WiFi	X	X	X
WANPubIP	WAN Publish IP Address	0	0    Disabled 1    Enabled		X	X
WANRepubInterval	WAN Re-Publish Interval	0	Integer [minutes] 0    Initial Connection		X	X
WANPermCnx	WAN Maintain Connection	1	0    Disabled 1    Enabled		X	X



Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy								
VPNCnxType	VPN Connection Type during Internet Connection	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>VPN Server Mode</td> </tr> <tr> <td>2</td> <td>VPN Client Mode ( Connection)</td> </tr> </table>	0	Disabled	1	VPN Server Mode	2	VPN Client Mode ( Connection)	X	X	X		
0	Disabled													
1	VPN Server Mode													
2	VPN Client Mode ( Connection)													
VPNSecretKey	VPN key	#_1_//8=	Text field For cosy+, not used in case of a connection.	X	X	X								
VPNSecretCert	VPN certificate	[empty]	Text field For cosy+, not used in case of a connection.	X	X	X								
VPNCACert	VPN Certificate Authority (CA)	[empty]	Text field For cosy+, not used in case of a connection.	X	X	X								
VPNDiag	VPN Diagnosis Level	1	<table border="1"> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Low</td> </tr> <tr> <td>4</td> <td>Medium</td> </tr> <tr> <td>8</td> <td>High</td> </tr> </table>	0	None	1	Low	4	Medium	8	High	X	X	X
0	None													
1	Low													
4	Medium													
8	High													
VPNPortIn	VPN Port In	0	<table border="1"> <tr> <td>0</td> <td>1194</td> </tr> </table> Integer	0	1194	X	X	X						
0	1194													
VPNPortOut	VPN Port Out	1194	Integer For cosy+, not used in case of a connection.		X	X								
VPNAlive	VPN "Keep Alive" Interval	120	Integer [seconds]  <table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> </table>	0	Disabled	X	X	X						
0	Disabled													
VPNSrv1	VPN Primary Server	[empty]	IPv4 dotted decimal For cosy+, not used in case of a connection.		X	X								
VPNSrv2	VPN Secondary Server	[empty]	IPv4 dotted decimal For cosy+, not used in case of a connection.		X	X								
PPPCINeedChap2	Dial Out Requires Secure Authentication (CHAP) - Server 2	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled		X	X				
0	Disabled													
1	Enabled													
Cryptmode	Encrypt sensitive data (passwords, etc.)	Since firmware 11.3s0 release, this parameter is no longer supported in the Cosy+, Cosy 131 and Flexy devices.		N/A	N/A	N/A								
VPNLocalIp	VPN Local IP Address	10.254.0.1	IPv4 dotted decimal		X	X								
VPNRemotelp	VPN remote IP Address	10.254.0.2	IPv4 dotted decimal		X	X								
VPNCfgFile	External VPN config file (in comcfg.txt only) Syntax examples: <ul style="list-style-type: none"> <li>+myVPNconfig.txt: Appends external parameters</li> <li>myVPNconfig.txt: overwrites existing parameters</li> </ul>	[empty]	*.txt file name (free). See <a href="#">How to connect your Ewon to Third Party OpenVPN Servers</a> for more details.	X	X	X								
VPN2PIpMode	VPN IP Addresses Config	0	<table border="1"> <tr> <td>0</td> <td>Automatic</td> </tr> <tr> <td>1</td> <td>Manual</td> </tr> </table>	0	Automatic	1	Manual		X	X				
0	Automatic													
1	Manual													
BootOp	Reboot request with Special Operation	0	<table border="1"> <tr> <td>0</td> <td>None</td> </tr> <tr> <td>1</td> <td>Modem Upgrade</td> </tr> <tr> <td>32</td> <td>Remote Wizard</td> </tr> </table>	0	None	1	Modem Upgrade	32	Remote Wizard					
0	None													
1	Modem Upgrade													
32	Remote Wizard													
ResSys	Not documented	0												
EarlySerialCfg	Serial port configuration at power on and during boot time (in comcfg.txt only)	[empty]												
RouteDestIp1	Route 1..3 - Destination	0.0.0.0	IPv4 dotted decimal		X	X								
RouteNetMask1..3	Route 1..3 - Mask	0.0.0.0	IPv4 dotted decimal	X	X	X								

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy												
RouteGateway1..3	Route 1..3 - Gateway	0.0.0.0	IPv4 dotted decimal	X	X	X												
RouteHops1..3	Route 1..3 – Hop Counts	0	<table border="1"> <tr><td>0</td><td>No hop</td></tr> <tr><td>1</td><td>1 hop</td></tr> <tr><td>2</td><td>2 hops</td></tr> <tr><td>3</td><td>3hops</td></tr> </table>	0	No hop	1	1 hop	2	2 hops	3	3hops	X	X	X				
0	No hop																	
1	1 hop																	
2	2 hops																	
3	3hops																	
CfgProtoDis	Disable Ebuddy device detection	0	<table border="1"> <tr><td>0</td><td>Disabled (Port is closed)</td></tr> <tr><td>1</td><td>Enabled</td></tr> </table>	0	Disabled (Port is closed)	1	Enabled	X	X	X								
0	Disabled (Port is closed)																	
1	Enabled																	
ProxyEnabled	Proxy Configuration	0	<table border="1"> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>Enabled</td></tr> </table>	0	Disabled	1	Enabled	X	X	X								
0	Disabled																	
1	Enabled																	
ProxyIdleTO	Proxy Idle Connection Time out	180	Integer [seconds]	X	X	X												
ProxyMaxSocks	Proxy Maximum Connections sockets	5	Integer [sockets]	X	X	X												
ProxyProto1..#	Proxy 1..# Protocol	0	<table border="1"> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>UDP</td></tr> <tr><td>2</td><td>TCP</td></tr> <tr><td>3</td><td>FTP</td></tr> </table>	0	Disabled	1	UDP	2	TCP	3	FTP	X	X	X				
0	Disabled																	
1	UDP																	
2	TCP																	
3	FTP																	
ProxySide1..#	Proxy 1..# Direction	0	<table border="1"> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>EXT to LAN</td></tr> <tr><td>2</td><td>LAN to EXT</td></tr> </table>	0	Disabled	1	EXT to LAN	2	LAN to EXT	X	X	X						
0	Disabled																	
1	EXT to LAN																	
2	LAN to EXT																	
ProxyPort1..#	Proxy 1..# Incoming Port	0	Integer max. 9 digits	X	X	X												
ProxySrvPort1..#	Proxy 1..# destination port	0	Integer max. 9 digits	X	X	X												
ProxySrvIpAddr1..#	Proxy 1..# destination IP address	0.0.0.0	IPv4 dotted decimal	X	X	X												
GprsMinCnxTime	Minimum GPRS Connection Duration	4	Integer [seconds]		X	X												
GprsCnxErrMax	Reboot GPRS Modem after X connections shorter than min. GPRS Conn (=GprsMinCnxTime).	5	Integer [connections]		X	X												
NoSmartArp	Not documented	0																
VPNDrvMode	VPN driver mode	0	<table border="1"> <tr><td>0</td><td>TUN</td></tr> <tr><td>1</td><td>TAP</td></tr> </table> <p>For cosy+, not used in case of a connection.</p>	0	TUN	1	TAP		X	X								
0	TUN																	
1	TAP																	
VPNProto	VPN Protocol	0	<table border="1"> <tr><td>0</td><td>UDP</td></tr> <tr><td>1</td><td>TCP</td></tr> </table> <p>For cosy+, not used in case of a connection</p>	0	UDP	1	TCP		X	X								
0	UDP																	
1	TCP																	
WANPxyMode	WAN Proxy Mode (detected automatically when running wizard)	0	<table border="1"> <tr><td>0</td><td>No Proxy</td></tr> <tr><td>1</td><td>Proxy with basic authentication</td></tr> <tr><td>2</td><td>Proxy with NTLM authentication</td></tr> <tr><td>10</td><td>Proxy without authentication</td></tr> </table>	0	No Proxy	1	Proxy with basic authentication	2	Proxy with NTLM authentication	10	Proxy without authentication	X	X	X				
0	No Proxy																	
1	Proxy with basic authentication																	
2	Proxy with NTLM authentication																	
10	Proxy without authentication																	
WANPxyAddr	WAN Proxy Address	[empty]	IPv4 dotted decimal	X	X	X												
WANPxyUsr	WAN Proxy User	[empty]	Text	X	X	X												
WANPxyPort	WAN Proxy Port	8080	Integer	X	X	X												
GsmBand	In <i>comcfg.txt</i> only	0 (Depends on modem type – not applicable for all GPRS modem types)	<table border="1"> <tr><td>0</td><td>Not specified</td></tr> <tr><td>1</td><td>850</td></tr> <tr><td>2</td><td>900</td></tr> <tr><td>3</td><td>1800</td></tr> <tr><td>4</td><td>1900</td></tr> <tr><td>5</td><td>850 + 1900</td></tr> </table>	0	Not specified	1	850	2	900	3	1800	4	1900	5	850 + 1900			
0	Not specified																	
1	850																	
2	900																	
3	1800																	
4	1900																	
5	850 + 1900																	

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy						
			<table border="1"> <tr><td>6</td><td>900E + 1800</td></tr> <tr><td>7</td><td>900E + 1900</td></tr> <tr><td>10</td><td>Auto-detection</td></tr> </table>	6	900E + 1800	7	900E + 1900	10	Auto-detection			
6	900E + 1800											
7	900E + 1900											
10	Auto-detection											
GsmOpId	GSM Operator Selection (Mobile Network Code)	0	<table border="1"> <tr><td>0</td><td>Automatic</td></tr> <tr><td>X</td><td>5 digit MNC</td></tr> </table>	0	Automatic	X	5 digit MNC		X	X		
0	Automatic											
X	5 digit MNC											
NetName	Network Name (FQDN)	[empty]	Text		X	X						
DhcpTO	DHCP Time Out Applied after Reboot	10000	Integer [milliseconds]	X	X	X						
EthDnsAuto	DNS Automatic Setup via DHCP	1	<table border="1"> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>Enabled</td></tr> </table>	0	Disabled	1	Enabled	X	X	X		
0	Disabled											
1	Enabled											
AutoEthSw	Not documented	0										
ProxyExtIrf	Proxy External Interface (EXT) (linked to Proxy Feature, ProxyProto1..#)	0	<table border="1"> <tr><td>0</td><td>WAN</td></tr> <tr><td>1</td><td>PPP</td></tr> <tr><td>2</td><td>VPN</td></tr> </table>	0	WAN	1	PPP	2	VPN	X	X	X
0	WAN											
1	PPP											
2	VPN											
ModDispLvl	Display Reception Level on Front Panel LED	0	<table border="1"> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>Enabled</td></tr> </table>	0	Disabled	1	Enabled					
0	Disabled											
1	Enabled											
ModemMsn	Multiple Subscriber Numbering - Phone Number (ISDN only)	[empty]	Phone number									
CBDnsDbg	Debug Dynamic DNS Connection	0	<table border="1"> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>Enabled</td></tr> </table>	0	Disabled	1	Enabled		X	X		
0	Disabled											
1	Enabled											
AdslCnxType	ADSL Connection Type (list box 1 single option)	0	PPPoE or PPPoA									
AdslPPPMoDe	ADSL PPP Mode	0	<table border="1"> <tr><td>0</td><td>PPoE LLC</td></tr> <tr><td>1</td><td>PPoA VC-Mux</td></tr> <tr><td>2</td><td>PPoA LLC</td></tr> </table>	0	PPoE LLC	1	PPoA VC-Mux	2	PPoA LLC			
0	PPoE LLC											
1	PPoA VC-Mux											
2	PPoA LLC											
AdslBridgeMoDe	ADSL Bridge Mode	0	<table border="1"> <tr><td>0</td><td>Not bridged</td></tr> </table>	0	Not bridged							
0	Not bridged											
AdslUser	ADSL User Name	[empty]	Text									
AdslVPI	ADSL VPI	8	Integer									
AdslVCI	ADSL VCI	35	Integer									
AdslCloneMac	Not documented	0										
AdslCnxTO	ADSL Connection Time Out	180	Integer [seconds]									
CBPubEMail	Publish Email Destination IP Address	[empty]	Email Address		X	X						
T2mAccSrvAddr	Access Server Address	talk2m_pro	URL		X	X						
UserDefData1	Not documented	[empty]										
VPNSrvAddrMoDe	VPN WAN Address or Name	0	<table border="1"> <tr><td>0</td><td>Defined Manually</td></tr> <tr><td>1</td><td>Defined by</td></tr> </table>	0	Defined Manually	1	Defined by		X	X		
0	Defined Manually											
1	Defined by											
T2mAccountName	Account ID	[empty]	Code		X	X						
VPNPreDNS	<b>When set to 0</b> , it allows to force the use of the Server name instead of the IP address for the connection.  <b>If set to 1</b> , Server IP Address is used except when using Internet Proxy.	1	0 and 1 Value 1 is highly advised in most cases.		X	X						
EnableChunkEncoding	Enable chunk encoding	0	<table border="1"> <tr><td>0</td><td>Disabled</td></tr> <tr><td>1</td><td>Enabled</td></tr> </table>	0	Disabled	1	Enabled					
0	Disabled											
1	Enabled											

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy														
PPPIIdleWithOut	PPP Idle Time before Hanging Up	0	<table border="1"> <tr> <td>0</td> <td>Check incoming</td> </tr> <tr> <td>1</td> <td>Check Outgoing</td> </tr> </table>	0	Check incoming	1	Check Outgoing		X	X										
0	Check incoming																			
1	Check Outgoing																			
FwrDToWAN	WAN IP Forwarding. Allow LAN and VPN forwarding to WAN	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X										
0	Disabled																			
1	Enabled																			
VPNOptPck	Not documented	0																		
KillLAN	Special mode which disables the Ewon LAN connection. Only modem connection possible on Ewon if this feature is activated.	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X										
0	Disabled																			
1	Enabled																			
eBuddyAuth	eBuddy needs Authentication	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X										
0	Disabled																			
1	Enabled																			
VpnFltEn	VPN Protection	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X										
0	Disabled																			
1	Enabled																			
VpnFSa1..3	VPN protection source IP 1..3	0.0.0.0	IPv4 dotted decimal	X	X	X														
VpnFDaS1..3	VPN Protection Destination IP Range starts 1..3	0.0.0.0	IPv4 dotted decimal	X	X	X														
VpnFDaE1..3	VPN Protection Destination IP Range ends 1..3	0.0.0.0	IPv4 dotted decimal	X	X	X														
VpnFDp1..3	VPN Protection Destination Port	[empty]	Integer	X	X	X														
WirelessNet	Wireless Network Preferences	Depends on Modem	<table border="1"> <tr> <td>0</td> <td>Automatic Mode Selection of the best technology WCDMA/GSM/ LTE (2G/3G/4G)</td> </tr> <tr> <td>1</td> <td>WCDMA only (3G only)</td> </tr> <tr> <td>2</td> <td>GSM only (2G only)</td> </tr> <tr> <td>3</td> <td>LTE only (4G only)</td> </tr> </table>	0	Automatic Mode Selection of the best technology WCDMA/GSM/ LTE (2G/3G/4G)	1	WCDMA only (3G only)	2	GSM only (2G only)	3	LTE only (4G only)	See ICX	X	X						
0	Automatic Mode Selection of the best technology WCDMA/GSM/ LTE (2G/3G/4G)																			
1	WCDMA only (3G only)																			
2	GSM only (2G only)																			
3	LTE only (4G only)																			
WizICnxDone	COSY 1-2-3 Wizard Completion Flag Connection Part	Ex-factory = 0 Afterward = 1	<table border="1"> <tr> <td>0</td> <td>Not completed</td> </tr> <tr> <td>1</td> <td>Completed</td> </tr> </table>	0	Not completed	1	Completed	X	X	X										
0	Not completed																			
1	Completed																			
WizT2MDone	COSY 1-2-3 Wizard Completion Flag Part	Ex-factory = 0 Afterward = 1	<table border="1"> <tr> <td>0</td> <td>Not completed</td> </tr> <tr> <td>1</td> <td>Completed</td> </tr> </table>	0	Not completed	1	Completed	X	X	X										
0	Not completed																			
1	Completed																			
WizVPNDone	COSY 1-2-3 Wizard Completion Flag Part	Ex-factory = 0 Afterward = 1	<table border="1"> <tr> <td>0</td> <td>Not completed</td> </tr> <tr> <td>1</td> <td>Completed</td> </tr> </table>	0	Not completed	1	Completed	X	X	X										
0	Not completed																			
1	Completed																			
InIOCfg	COSY 1-2-3 wizard completion - PLC Gateway Configuration Starting firmware v12.3, this parameter is deprecated.	Not available in Cosy+, Cosy 131 & Flexy devices.		N/A	N/A	N/A														
Language	Language configuration	-1	<table border="1"> <tr> <td>-1</td> <td>Not configured. Will ask for config at first login.</td> </tr> <tr> <td>0</td> <td>English</td> </tr> <tr> <td>1</td> <td>English</td> </tr> <tr> <td>2</td> <td>French</td> </tr> <tr> <td>3</td> <td>german</td> </tr> <tr> <td>4</td> <td>Italian</td> </tr> <tr> <td>5</td> <td>Spanish</td> </tr> </table>	-1	Not configured. Will ask for config at first login.	0	English	1	English	2	French	3	german	4	Italian	5	Spanish	X	X	X
-1	Not configured. Will ask for config at first login.																			
0	English																			
1	English																			
2	French																			
3	german																			
4	Italian																			
5	Spanish																			
HComCfg1	Internal Use	-	-			X														
HComCfg2	Internal Use	-	-			X														
HComCfg3	Internal Use	-	-			X														

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy																
HComCfg4	Internal Use	-	-			X																
HComCfg5	Internal Use	-	-			X																
HComCfg6	Internal Use	-	-			X																
HComCfg7	Internal Use	-	-			X																
HComCfg8	Internal Use	-	-			X																
HBoard1	Internal Use	-	-			X																
HBoard2	Internal Use	-	-			X																
HBoard3	Internal Use	-	-			X																
HBoard4	Internal Use	-	-			X																
HBoard5	Internal Use	-	-			X																
HBoard6	Internal Use	-	-			X																
HBoard7	Internal Use	-	-			X																
HBoard8	Internal Use	-	-			X																
T2MWizOpt	Wizard Option	0	0= No Special option 1= Force TCP	X	X	X																
LANWANConfig	Switch Configuration for both devices  <i>The bits set indicate the WAN Ports. The bits reset indicate the LAN ports. LAN Port #1 cannot be set as a WAN port</i>	8	<table border="1"> <tr> <td>8</td> <td>Port 4 in WAN</td> </tr> <tr> <td>4</td> <td>Port 3 in WAN</td> </tr> <tr> <td>2</td> <td>Port 2 in WAN</td> </tr> <tr> <td>12</td> <td>Port 4,3 in WAN</td> </tr> <tr> <td>14</td> <td>Port 4,3,2 in WAN</td> </tr> <tr> <td>6</td> <td>Port 3,2 in WAN</td> </tr> <tr> <td>10</td> <td>Port 2,4 in WAN</td> </tr> <tr> <td>0</td> <td>All 4 Ports in LAN</td> </tr> </table>	8	Port 4 in WAN	4	Port 3 in WAN	2	Port 2 in WAN	12	Port 4,3 in WAN	14	Port 4,3,2 in WAN	6	Port 3,2 in WAN	10	Port 2,4 in WAN	0	All 4 Ports in LAN	X	X	X
8	Port 4 in WAN																					
4	Port 3 in WAN																					
2	Port 2 in WAN																					
12	Port 4,3 in WAN																					
14	Port 4,3,2 in WAN																					
6	Port 3,2 in WAN																					
10	Port 2,4 in WAN																					
0	All 4 Ports in LAN																					
WifiSSID	WiFi SSID (WiFi name) of the WiFi to Connect.	[empty]	Wifi SSID	X	X	X																
WifiIpAddr	WiFi IP Address	0.0.0.0	IPv4 dotted decimal	X	X	X																
WifiIpMask	Wifi IP Subnet Mask	0.0.0.0	IPv4 dotted decimal	X	X	X																
WifiUseDHCP	WiFi DHCP Settings	2	<table border="1"> <tr> <td>0</td> <td>Static</td> </tr> <tr> <td>1</td> <td>BOOTP</td> </tr> <tr> <td>2</td> <td>DHCP</td> </tr> </table>	0	Static	1	BOOTP	2	DHCP	X	X	X										
0	Static																					
1	BOOTP																					
2	DHCP																					
UseCAL	Use of <b>Cloud Accelerated Loading</b> .  <b>CAL</b> is the feature allowing your web browser to download the Ewon Web static files from the Internet rather than from the Ewon.	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X												
0	Disabled																					
1	Enabled																					
WifiSec	WIFI Security	0	<table border="1"> <tr> <td>0</td> <td>Automatic</td> </tr> <tr> <td>1</td> <td>No Protection</td> </tr> <tr> <td>2</td> <td>WPA/WPA2</td> </tr> <tr> <td>3</td> <td>WEP</td> </tr> </table>	0	Automatic	1	No Protection	2	WPA/WPA2	3	WEP	X	X	X								
0	Automatic																					
1	No Protection																					
2	WPA/WPA2																					
3	WEP																					
DO1Init	Base Unit DO #1 init value	1	<table border="1"> <tr> <td>0</td> <td>Status 0</td> </tr> <tr> <td>1</td> <td>Status 1</td> </tr> </table>	0	Status 0	1	Status 1	X	X	X												
0	Status 0																					
1	Status 1																					
UsbIPEnable	Enable/Disable the USB over IP	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X												
0	Disabled																					
1	Enabled																					
UsbIpLogLevel	Log Level of USB IP	0	<table border="1"> <tr> <td>0</td> <td>No Log</td> </tr> <tr> <td>1</td> <td>Low Level</td> </tr> <tr> <td>2</td> <td>High Level</td> </tr> </table>	0	No Log	1	Low Level	2	High Level	X	X	X										
0	No Log																					
1	Low Level																					
2	High Level																					
UsbIpStartPort	TCP Port used for accessing the first USB device connected to your Ewon.	6000	Port Number	X	X	X																

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy						
NAT11Itf	NAT1:1 Interface	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>VPN</td> </tr> <tr> <td>2</td> <td>WAN</td> </tr> </table>	0	Disabled	1	VPN	2	WAN	X	X	X
0	Disabled											
1	VPN											
2	WAN											
NAT11InX (X = 1...10)	NAT 1:1 LAN IP for entry 1...10	0.0.0.0	IPv4 dotted decimal	X	X	X						
NAT11OutX (X = 1...10)	NAT 1:1 MAPPED IP for entry 1...10	0.0.0.0	IPv4 dotted decimal	X	X	X						
NAT11NickX (X = 1...10)	NAT 1:1 Nickname for entry 1...10	[empty]	Any name	X	X	X						
WifiGW	WiFi Gateway IP Address	0.0.0.0	IPv4 dotted decimal	X	X	X						
WifiDns1	WiFi DNS1 IP Address	0.0.0.0	IPv4 dotted decimal	X	X	X						
WifiDns2	WiFi DNS2 IP Address	0.0.0.0	IPv4 dotted decimal	X	X	X						
WifiDnsAuto	WiFi DNS automatic setup via DHCP	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X		
0	Disabled											
1	Enabled											
WifiNetName	WiFi network name (FQDN)	[empty]	Text	X	X	X						
T2MKey	Global Registration Key used when registering the Ewon on through SD card.	[empty]	Cannot be set without SD card or USB key.	X	X	X						
T2MNote	Description used when registering the Ewon on through SD card.	[empty]	Cannot be set without SD card or USB key.	X	X	X						
GeolocEnable	Enable/Disable the Geo-localization	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X		
0	Disabled											
1	Enabled											
SDConfigEnable	Enable/Disable the SD card configuration	1	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X		
0	Disabled											
1	Enabled											
LANDHCPSEnable	Enable/Disable DHCP Server on LAN	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X		
0	Disabled											
1	Enabled											
LANDHCPSStartIP	Start IP address of the Dynamic IP address pool. This IP address must be in the range of Ewon	0.0.0.0	IPv4 dotted decimal	X	X	X						
LANDHCPSEndIP	End IP address of the Dynamic IP address pool	0.0.0.0	IPv4 dotted decimal	X	X	X						
LANDHCPSLogLevel	Log level of the DHCP Server (0,1 or2)	0	0, 1 or 2	X	X	X						
LANDHCPSDns1	Primary DNS IP address attributed to DHCP Clients  Do not set the Ewon LAN IP address since Ewon is not a DNS gateway. Use a public DNS server or the corporate LAN DNS Server.	0.0.0.0	IPv4 dotted decimal	X	X	X						
LANDHCPSDns2	Secondary DNS IP address attributed to DHCP Clients. Same as above.	0.0.0.0	IPv4 dotted decimal	X	X	X						
DNSREnabled	Enable DNS relay	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X		
0	Disabled											
1	Enabled											
BroadcastForwarder	Enable PLC Discovery	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X		
0	Disabled											
1	Enabled											

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy								
	Check warning on page 4 of <a href="#">AUG - 0070-00 - PLC Discovery Through Talk2m</a>													
DHCPRT0	DHCP client retries timeout. The time interval before a DHCP request is sent again inside the interval.	1000	Integer [milliseconds]	X	X	X								
T2MCheckCnxMinT	Minimum time interval considered to test the VPN connection and switch port (TCP or UDP) accordingly. This time interval is doubled after each test failure until maximum time interval is reached.	120	Integer [seconds] <table border="1" data-bbox="762 533 1169 656"> <tr> <td>0</td> <td>Deactivate the check</td> </tr> <tr> <td>120</td> <td>Minimum possible value</td> </tr> <tr> <td>Integer [seconds]</td> <td>Custom value</td> </tr> <tr> <td>3600</td> <td>Maximum possible value</td> </tr> </table>	0	Deactivate the check	120	Minimum possible value	Integer [seconds]	Custom value	3600	Maximum possible value	X	X	X
0	Deactivate the check													
120	Minimum possible value													
Integer [seconds]	Custom value													
3600	Maximum possible value													
T2MCheckCnxMaxT	Maximum time interval considered to test the VPN connection and switch port (TCP or UDP) accordingly.	3600	Integer [seconds]	X	X	X								
WiFiAutoscan	Automatic scan of Wi-Fi network / hotspots in order to connect to the strongest signal.	1	<table border="1" data-bbox="762 853 1169 913"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled	X	X	X				
0	Disabled													
1	Enabled													
DI1AlarmSMSMsg	DI1 SMS body. Between 1 and 134 ASCII characters	[empty]	String	X	X									
DI1AlarmSMSRecipients	DI1 SMS notification recipient list. Separated by comma (,) if multiple recipients; no "+" allowed, between 4 and 40 characters.	[empty]	String	X	X									
DI1AlarmEmailBody	DI1 email notification message body. Maximum 140 characters.	[empty]	String	X	X									
DI1AlarmEmailRecipients	DI1 email notification recipient list. Separated by comma (,) if multiple recipients.	[empty]	String	X	X									
DI1AlarmEmailSubject	DI1 email notification message subject. Maximum 44 characters.	[empty]	String	X	X									
DI2AlarmSMSMsg	DI2 SMS body. Between 1 and 134 ASCII characters	[empty]	String	X	X									
DI2AlarmSMSRecipients	DI2 SMS notification recipient list. Separated by comma (,) if multiple recipients; no "+" allowed, between 4 and 40 characters.	[empty]	String	X	X									
DI2AlarmEmailBody	DI2 email notification message body. Maximum 140 characters.	[empty]	String	X	X									
DI2AlarmEmailRecipients	DI2 email notification recipient list. Separated by comma (,).	[empty]	String	X	X									
DI2AlarmEmailSubject	DI2 email notification message subject.	[empty]	String	X	X									

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy										
	Maximum 44 characters.															
DI1Cfg	COSY 1-2-3 Wizard Completion. Contains the DI1 Configuration as a bit field	0	<table border="1"> <tr><td>0</td><td>Not used</td></tr> <tr><td>1</td><td>Internet control</td></tr> <tr><td>2</td><td>VPN control</td></tr> <tr><td>4</td><td>SMS notification</td></tr> <tr><td>8</td><td>Email notification</td></tr> </table> <p>Values can be summed except for 1 with 2. For eg: 1+4+8 = 13 : Internet control with SMS and email notification.</p>	0	Not used	1	Internet control	2	VPN control	4	SMS notification	8	Email notification	X	X	
0	Not used															
1	Internet control															
2	VPN control															
4	SMS notification															
8	Email notification															
DI2Cfg	COSY 1-2-3 Wizard Completion. Contains the DI2 Configuration as a bit field	0	<table border="1"> <tr><td>0</td><td>Not used</td></tr> <tr><td>4</td><td>SMS notification</td></tr> <tr><td>8</td><td>Email notification</td></tr> </table> <p>Values can be summed. For eg: 4+8 = 12 : SMS and email notification</p>	0	Not used	4	SMS notification	8	Email notification	X	X					
0	Not used															
4	SMS notification															
8	Email notification															
WizDIDone	COSY 1-2-3 Wizard Completion Flag DI part	Ex-factory = 0 Afterward = 1	<table border="1"> <tr><td>0</td><td>Not done</td></tr> <tr><td>1</td><td>Completed</td></tr> </table>	0	Not done	1	Completed	X	X							
0	Not done															
1	Completed															
WANFbckHostNamesToCheck	List of hosts used to check if the WAN connection is still active (for WAN fallback purpose). Separated by comma (,) with a maximum of 96 characters.	tcp:// device.api.talk2 m.com:443	PROTOCOL://HOST:PORT	X	X	X										
RetriesWANFbckMaxCnxRetries	Number of retries used to check the WAN connection before falling back to secondary WAN interface.	3	<p>Integer</p> <table border="1"> <tr><td>1</td><td>No retry</td></tr> </table>	1	No retry	X	X	X								
1	No retry															
WANFbckMaxDuration	Maximum time duration the secondary WAN interface will stay active before switching back the primary WAN interface.	60	Integer [minutes]	X	X	X										
WANFbckMinInterval	Minimum time interval before another WAN fallback can occur after a previous one has already been triggered.	75	Integer [minutes]	X	X	X										
WANFbckCnx	Defines the secondary WAN interface (in case of WAN fallback).	0	<table border="1"> <tr><td>0</td><td>None</td></tr> <tr><td>1</td><td>Cellular</td></tr> <tr><td>2</td><td>Ethernet</td></tr> <tr><td>4</td><td>WiFi</td></tr> </table>	0	None	1	Cellular	2	Ethernet	4	WiFi	X	X	X		
0	None															
1	Cellular															
2	Ethernet															
4	WiFi															
WANFbckCheckPeriod	The time interval between two WAN connectivity checks on the primary WAN interface (for WAN fallback purpose).	60	Integer [seconds]	X	X	X										
PDPContext	3G and 4G modem advance settings				X	X										
PDPTType	3G and 4G modem advance settings				X	X										
PdpAutoApnCount ry	3G and 4G modem advance settings				X	X										



Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy								
PDPAutoApnProvider	3G and 4G modem advance settings				X	X								
PdpAutoApnItem	3G and 4G modem advance settings				X	X								
USBConfigEnable	Enable/Disable the USB card configuration	1	<table border="1"> <tr> <td>1</td> <td>Enable</td> </tr> <tr> <td>0</td> <td>Disable</td> </tr> </table>	1	Enable	0	Disable	X	X	X				
1	Enable													
0	Disable													
USBEnable	Enable/Disable the USB card commissioning		<table border="1"> <tr> <td>1</td> <td>Enable</td> </tr> <tr> <td>0</td> <td>Disable</td> </tr> </table>	1	Enable	0	Disable	X	X	X				
1	Enable													
0	Disable													
VCOMTempo	Configure the frequency/ bandwidth method of the VCOM connection	1	<table border="1"> <tr> <td>0</td> <td>Disable</td> </tr> <tr> <td>1</td> <td>Enable the TCP fragmentation</td> </tr> <tr> <td>2</td> <td>Enable DMA mode (Enabling it might cause reconnection issues. Use it only if you know what you do)</td> </tr> <tr> <td>3</td> <td>Enable both TCP fragmentation and DMA mode</td> </tr> </table>	0	Disable	1	Enable the TCP fragmentation	2	Enable DMA mode (Enabling it might cause reconnection issues. Use it only if you know what you do)	3	Enable both TCP fragmentation and DMA mode			X
0	Disable													
1	Enable the TCP fragmentation													
2	Enable DMA mode (Enabling it might cause reconnection issues. Use it only if you know what you do)													
3	Enable both TCP fragmentation and DMA mode													
BoltCfgEnabled	Enables the detected Bolt as a WiFi access point.	0	<table border="1"> <tr> <td>0</td> <td>Bolt/AWB disabled</td> </tr> <tr> <td>1</td> <td>Bolt/AWB enabled</td> </tr> </table>	0	Bolt/AWB disabled	1	Bolt/AWB enabled	X	X	X				
0	Bolt/AWB disabled													
1	Bolt/AWB enabled													
BoltCfgSSID	The name of the WiFi network (SSID) generated by the Bolt.	N/A	String	X	X	X								
BoltCfgSecurityEnabled	The security level of the WiFi network generated by the Bolt	1	<table border="1"> <tr> <td>0</td> <td>No Security</td> </tr> <tr> <td>1</td> <td>WPA/WPA2 Security</td> </tr> </table>	0	No Security	1	WPA/WPA2 Security	X	X	X				
0	No Security													
1	WPA/WPA2 Security													
BoltCfgMACs	List of Bolt Ethernet Mac addresses connected to the Ewon, separated by comma [,]. Maximum 3 Bolts connected	N/A	String	X	X	X								
BoltCfgHostnames	List of Bolt Names connected to the Ewon, separated by comma [,]. Maximum 3 Bolts connected	N/A	String	X	X	X								
BoltCfgAccessPointIPs	List of Bolt LAN IPs addresses connected to the Ewon, separated by comma [,]. Maximum 3 Bolts connected	N/A	Integer [IP address]	X	X	X								
PPPCIPassword1	PPP Server 1 password (ISP1)	#_1_/8= or [empty]	Text	X	X	X								
PPPCIPassword2	PPP Server 2 password (ISP2)	#_1_/8= or [empty]	Text	X	X	X								
CBDDnsPass	Dynamic DNS Password	#_1_/8= or [empty]	Text		X	X								
DefAdmPass	DefAdmPass (in comcfg.txt only)	#_1_/8= or [empty]	Text	X	X	X								
WANPxyPass	WAN Proxy Password	#_1_/8=	Text	X	X	X								
AdslPass	ADSL Password: Not used	#_1_/8= or [empty]	Text	N/A	N/A	N/A								
PIN	Modem PIN Code	#_1_/8= or [empty]	4 Digit Code	X	X	X								
WifiPSK	PSK Key for WiFi connection	[empty]	WiFi PSK	X	X	X								
UsblpPwd	Password Protection for accessing your USB device. Not supported by .	[empty]	Password	X	X	X								
BoltCfgPassword	Bolt Wi-Fi password (only used if the Bolt	N/A	String	X	X	X								

Name	Description	Default Value	Acceptable Values	Cosy+	Cosy 131	Flexy						
	security is set on WPA/WPA2)											
MemStrHistEnabled	Enable historical logging of string tags. Modification of this parameter may result in a complete format of the Ewon. [Applied after Reboot]	0	<table border="1"> <tr> <td>0</td> <td>Disabled</td> </tr> <tr> <td>1</td> <td>Enabled</td> </tr> </table>	0	Disabled	1	Enabled			X		
0	Disabled											
1	Enabled											
MemStrHistPercentage	Percentage of the recording size used for the historical logging of string tags. Modification of this parameter may result in a complete format of the Ewon. [Applied after Reboot]	10	Integer (10 to 90)			X						
APSSID:Ewon_Wifi_AP	Network Name (SSID)	[empty]	Text	X								
APPassphrase	<b>Password</b> to access WiFi Access Point	[empty]	Text and integer	X								
APEnabled	The <b>Enable</b> box is used to activate WiFi Local Access Point	[empty]	<table border="1"> <tr> <td>Disabled</td> </tr> <tr> <td>Enabled</td> </tr> </table>	Disabled	Enabled	X						
Disabled												
Enabled												
APBroadcastSSID	Enable or disable <b>SSID broadcast</b> to display or hide the name of your network for the WiFi clients	[empty]	<table border="1"> <tr> <td>Disabled</td> </tr> <tr> <td>Enabled</td> </tr> </table>	Disabled	Enabled	X						
Disabled												
Enabled												
APChannel	The <b>Channel</b> number of your WiFi network. Keep it on 0 (auto) if you don't know which frequency is the best for your network	0	Integer	X								
LANDHCPSLeaseTime	The amount of time an IP address will be reserved for a specific device.	3600	Integer [seconds]	X								
IcxModemConnectivityType	Connectivity type	0	<table border="1"> <tr> <td>0</td> <td>Auto</td> </tr> <tr> <td>1</td> <td>4G only</td> </tr> <tr> <td>2</td> <td>3G only</td> </tr> </table>	0	Auto	1	4G only	2	3G only	X		
0	Auto											
1	4G only											
2	3G only											
ModemWanAdapterMTU	MTU used for the Cellular Connection	0	Auto	X								
LANDHCPSFilter	If <b>DHCP LAN filtering</b> is enabled, DHCP server will be applied only on devices connected through the access point but not on devices connected on the LAN switch	[empty]	<table border="1"> <tr> <td>Disabled</td> </tr> <tr> <td>Enabled</td> </tr> </table>	Disabled	Enabled	X						
Disabled												
Enabled												

## Appendix A. Security Improvement

Since firmware 13.3, the encryption of sensitive parameters in the Ewon has been highly increased.

The following parameters have a different encryption pattern depending if your Ewon is running a firmware lower or equal/higher than 13.3:

- **VPNSecretKey**
- **PPPCIPassword1**
- **PPPCIPassword2**
- **CBDDnsPass**
- **DefAdmPass**
- **WANPxyPass**
- **AdslPass**
- **PIN**
- **WifiPSK**
- **UsblpPwd**
- **BoltCfgPassword**

This has an incidence if you restore a **comcfg.txt** file coming from an Ewon running firmware  $\geq 13$  that is destined to go in to an Ewon running firmware  $<13$ . More information in the *“Restore an Ewon backup through eBuddy”* document from [Related Documents \(page 1\)](#).