

Castle Bulletin 19

If you are new to our products we hope that this bulletin will give you a little insight into the workings of our panels, their flexibility, and capabilities. If you are familiar with our Euro-MERIDIAN range then we hope you will find a few hints and tips to help your installations. To help you keep up-to-date with Castle developments, we produce a monthly newsletter. If you would like to receive a personal copy of this newsletter regularly, please send an email to newsletters@castle-caretech.com.

Best wishes

Castle

News from Tony

A number of changes have been made recently to the roles of staff within Castle. Tony Lamb is taking up the new role of Company Chairman, and Andrew Knights joins the company in the role of Managing Director.

Tony, former MD, says "I am thrilled to take up the position of Chairman because this will allow me to devote more time to developing the innovative products of the future." Of the appointment of Andrew Knights, Tony says "I have known Andrew for many years and I'm looking forward to working with him to ensure that the new products we launch will keep Castle at the forefront of the industry and ensure that Castle continues to grow."



Andrew brings a wealth of experience having held very senior positions within the security industry over the last decade. He previously held the role of Chief Executive of Smokecloak and more recently, Sales and Marketing Director at control panel manufacturer, Cooper Security.

Andrew says of this new challenge, "I am delighted to be joining Tony and the Castle team, especially at this exciting time with the launch of the EURO ONE plus IP control panels offering fully integrated TCP/IP communication. I hope that my previous experiences and my knowledge of the players in the market will enable Castle to continue to provide the innovative products and excellent customer service to both new and existing clients. "

We have further increased our existing sales team of Phil Allen and Gary Rogers by the appointment of Bryan Evans to Northern England and Scotland Area Sales Manager. He has been representing the company in a series of NSI Roadshows. Bryan says of these events, "These roadshows presented me with the ideal opportunity to meet NSI members in a professional forum and I hope that I can continue to offer these companies the support which they have come to expect from Castle Care-Tech."



EMIZON 21 Service Coming Soon

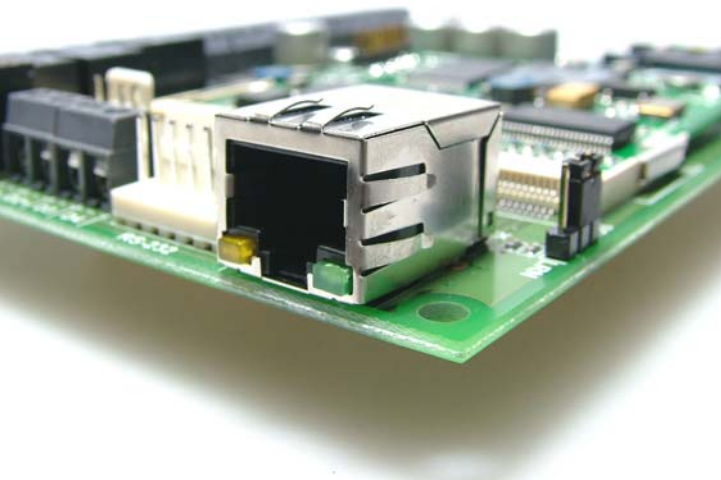
We would like you to be one of the first to know about our exciting new product development; the EURO ONE and EURO ONE plus panels with fully integrated IP communication using the EMIZON 21 service. And you can be one of the first to see the new panels at this year's IFSEC exhibition at the Birmingham NEC, 21-24 May, Hall 18 Stand Number 21210.

Over the last 18 months, extensive development has been undertaken in partnership with EMIZON so that you and your customers can exclusively embrace the benefits of IP technology.



'EMIZON 21' is the first secure, managed, messaging service designed and developed specifically for IP Networks. The service works by actively securing the message delivery, rather than the various paths that the message travels over, unlike other IP services currently on the market.

The EURO ONE / ONE plus IP panels will be supplied 'IP ready' with the TCD (Telemetry Communications Device) including the IP and GPRS modules already fitted in the panel. Programming and installation is simple with a step-by-step guide provided and of course, the usual technical support you would expect from one of the leading UK panel manufacturers. For those EURO ONE and EURO ONE plus panels you have already installed, a stand-alone IP Module is available, the IP SmartCom TCD.



This new addition to the EURO-MERIDIAN range means that you and your customers can benefit from advances in technology, be ready for BT's 21CN roll out and at the

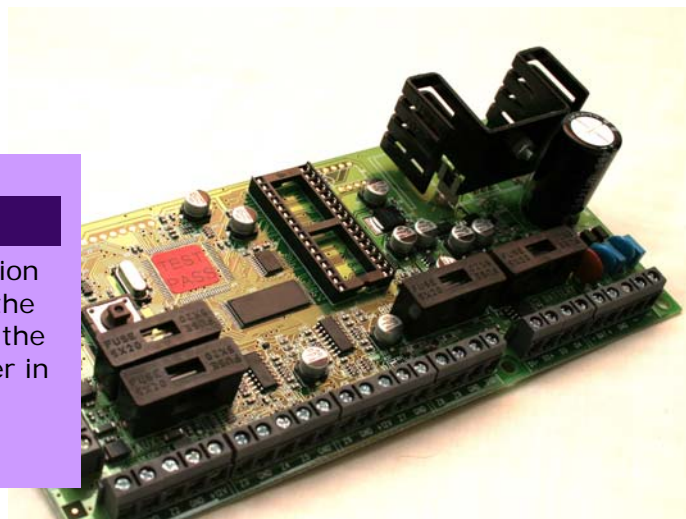
same time, maintain the highest security standards to face the challenges of the 21st Century.

You can view a video tutorial on our website at www.castle-caretech.com/emizon.

For further information, please email your details to marketing@castle-caretech.com

IFSEC Launches

We hope to see you at this years IFSEC exhibition at the NEC, Birmingham. As well as launching the TCP/IP panels, you'll also get a first glimpse of the new Euro Mini panel which will be available later in the year. We will be in Hall 18, Stand Number 21210.



Advice from Technical Support

How do you programme a Plug-on 3GSTU

- **Make sure the Jumpers are in the following positions on the ATE UTILITY board.** (Failure to do put PGM 9 jumper in correct position will result in Tamperers being signalled on the Low Battery Channel. Failure to put PGM 8 jumper in the correct position will result in Global Fault 2 not being signalled)



- **On the 3GSTU, place jumper in position 5 or 7 on LK2. This will select whether you send channels 5 or 7 on the STU.**

Go To Site Options Menu in Engineering and ensure the following is programmed correctly:

```
ATE Inputs
STU          001
Type 0 and press 'Yes'
```

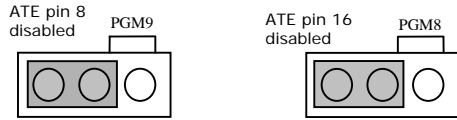
Summary:

Programming a STU (Excluding VERSUS GSM STU)

STU Channel	Default Output Type	Panel Programmable Output No.	PCB Pin No.
1	Fire (0001)	ATE OP 1	1
2	HU Device Any (0009)	ATE OP 2	2
3	Unconfirmed (0018)	ATE OP 3	3
4	Set All + (0004)	ATE OP 4	4
5 or 7	Input Omit at Rearm (0017)	ATE OP 5	5
6	Confirmed (0006)	ATE OP 7	14
8	Global Fault 2	ATE OP 8	16
Inputs			
	RedCare Reset Input	Enabled in Site Options	6
	Line Fault Input	Enabled in Site Options	15
Supply			
	+12v supply		9
	0v supply	-	10

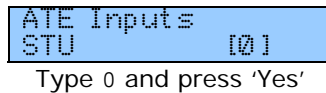
How to programme a Plug-on GSM STU

- **Make sure the Jumpers are in the following positions on the ATE UTILITY board.** (Failure to do put PGM 9 jumper in correct position will result in Tamperers being signalled on the Low Battery Channel. Failure to put PGM 8 jumper in the correct position will result in Mains Fail being signalled on the Test ATS Channel)



- **Link PGM 8 terminal on ATE UTILITY Board to Terminal 'F' on the STU (Mains Fail).**
- **Link PGM 9 terminal on ATE UTILITY Board to Terminal 'T' on STU (Tamper).**
- **On the GSM-STU, place jumper in position P11 on LK3.** (Failure to do this will result in the STU not picking up the TEST ATS output)

Go To Site Options Menu in Engineering and ensure the following is programmed correctly:



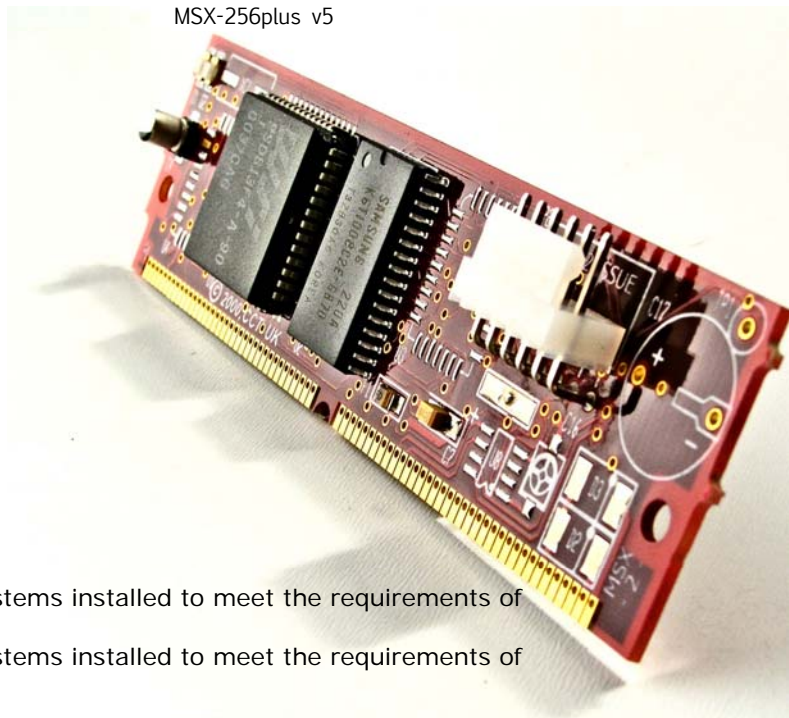
Summary:

Programming a GSM STU			
STU Channel	Default Output Type	Panel Programmable Output No.	PCB Pin No.
1	Fire	ATE OP 1	1
2	HU Device Any	ATE OP 2	2
3	Unconfirmed	ATE OP 3	3
4	Set All	ATE OP 4	4
5	Input Omit	ATE OP 5	5
6	Global Fault	ATE OP 6	13
7	Confirmed	ATE OP 7	14
13	Mains Fail	ATE OP 8	(16) F
12	Tamper	ATE OP 9	(8) T
	Test ATS (0064)	ATE OP 10	11
Inputs			
	RedCare Reset	Enabled in Site Options	6
	Line Fault	Enabled in Site Options	15
Supply			
	+12v supply	-	9
	0v supply	-	10

MSX Card Upgrading

The following table indicates compatibility of MSX cards across the Euro-MERiDIAN range since 1999.

	Version 2	Version 3	Version 4
Euro 22	N/A	N/A	MSX-44EoL v5 MSX-134EoL v5 MSX-256EoL v5
Euro 28	N/A	N/A	MSX-44iD v5 MSX-134iD v5 MSX-256iD v5
Euro 44	MSX-134 v4 MSX-256 v4	MSX-134 v4 MSX-256 v4	MSX-134 v4 MSX-256 v4 MSX-134plus v5 MSX-256plus v5
G2 EoL	Version 5 MSX-44EoL v5 MSX-134EoL v5 MSX-256EoL v5		
G2 iD	MSX-44iD v5 MSX-134iD v5 MSX-256iD v5		
G3plus	MSX-134 v4 MSX-256 v4 MSX-134plus v5 MSX-256plus v5		
Euro ONE	Version 6 MSX-76 v6 MSX-280 v6		
Euro ONE plus	MSX-280 v6		



Version 3 software and later is suitable for systems installed to meet the requirements of DD243.

Version 5 software and later is suitable for systems installed to meet the requirements of PD6662.

Grade 2 and 3 Defaults

Due to popular demand, on our next release of software we will have two clean start codes, one for defaulting to Grade 2 settings, and one for defaulting to Grade 3 settings. Thus, Clean Start Code 2000 will give you a panel set to Grade 3 requirements, and Clean Start Code 2002 will give you all the programming settings for Grade 2 compliance. Of course, this doesn't apply to panels which are Grade 2 only.

We are also pleased to give you advanced notice of a new addition to the Euro ONE range which we hope will help installers fill the domestic market more economically. The Euro ONE 44 panel will give zone capacity up to 44, options of level or area setting, and ARM (Automatic Remote Maintenance).

EN50131 Corner

The BSIA Industry statement issued in 2006 indicated that EN50131-1:2006 would be implemented in the UK from October 1st 2007, and that PD6662 would be revised and updated well in time for this to take place.



The late publication of EN50131-1:2006 cast this into some doubt last year, and work has not yet started on the revision of PD6662.

It is anticipated that the revised implementation date for EN50131-1:2006 (and other related changes) will be October 1st 2008. This is expected to be confirmed by a meeting of the industry parties involved at Ifsec during May.

Watch this space for further information...

Junction Box Tamper

The same BSIA industry statement referred to above identified that the EN50131 requirement for tamper detection on junction boxes would be enforced from 1st April 2007.

It should be noted that prEN50131-1:2004 (currently in use) specifies tamper detection as mandatory at grades 2, 3 and 4 – whereas EN50131-1:2006 (when implemented) makes it optional at grade 2.

It was agreed by the industry that the grade 2 requirement would be treated as OPTIONAL with immediate effect. Unfortunately this was not clarified in the industry statement. It is anticipated that an amendment to BSIA Form 171 will be issued shortly to confirm this.

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Castle Care-Tech Ltd is registered in England with company number 2443937. Vat Reg No. GB 212 986 358.

Castle Care-Tech Ltd, North Street, Winkfield, Windsor, SL4 4SY, Berkshire.

tel: sales: 01344 887788 tech support: 0870 1211632

fax: 01344 890024

e: newsletters@castle-caretech.com

w: <http://www.castle-caretech.com>