RoHS Compliant

extrium :: dt42

RENEWED DESIGN AND PROGRAMMING FOR THE EXTRIUM LINE.
EXTRIUM::dt 42 is the new extreme. No Alarm Receiver gives you as much power over alarm signals.

Unique features like Embeded web site, Push notification to Android phones make E42 the Paramount alarm receiver.

E42 receives Alarm over IP from multiple brands making it the most universal of Alarm receivers. It can also handle signals coming from a legacy phone receivers.

E42 is loaded with features: integrated 4000 accounts database to decode and display account and alarm descriptions, Embedded web server to view alarm traffic.. All this in a small form factor made to work stand alone.

Power management:
3 power inputs from automatic fall-over. First from 5V DC input, secondary from USB, Third from optional internal lithium polymer battery..

E42 power consumption is minimal. By design it's made without lcd display and the absence of mechanical parts makes adapter, from an external 12 V battery or from internal lithium-ion battery, when one power source goes down, the other ones can automatically take over without any interruption to EXTRIUM::DB functioning making Edb one of a kind receiver for remote installations.

Maximize uptime

E42 development is made on a proven platform. Extrium receivers are in action around the world with MCDI Cognitum Framework. E42 is the direct descendant ot MCDI'S D5 and EXTRIUM::DB.**E42** is made around a proven hardware platform and ARM Cpu. Embedded Linux brings utmost stability and enhanced security. No buttons and no LCD makes it hard to temper with E42.

2 way supervision tells you if communcation between monitoring software and E42 is down.

Push notification to Android app: more redundancy and control **E42** sends every signal to E42 Android app. Notification are popping on the phone even if closed for up to 5 staff members. Every incoming or internal signals is sent.

Getting old receivers back in the game E42 can bring a new life to an old receiver. E42 is equipped with a port for handling outputs from older receivers reporting in Sur-Gard, Ademco 685 and MCDI formats (MCDI SA-TLR+, EXSA, D1, D2, D3, D4,). E42 input can extend E42 capacity up to 30 lines.



E42 extends display features to connected receivers giving you legible alarms and account info from a legacy receiver along with E42 unique alarm routing capability.

SMALL FORM FACTOR NO MECHANICAL PARTS
E42 was made with rackspace in mind. We know it's a premium. E42 form factor is small so you can package a lot of units in 1U rack cabinet. It counts when space is expensive.

Like all MCDI products, design was though out. Even the bright orange is intentional. It helps find a unit easily in a dark server cabinet.



Heat signature is kept to minimum with absence of mechanical parts and low consumption ARM CPU. Steel chassis protects components and also acts as heat sink.

Remote configuration and traffic viewing available from most recent browsers using webkit or html 5 on all OS. PC not required for alarm receiving or viewing. Account provisionning from web pages in several languages.

Automation software E42 is designed for integration with SECURITHOR from MCDI Security Products. E42 reports to SECURITHOR directly over IP.

E42 is supplied with a plug-in for any SECURITHOR that allows direct connexion to SECURITHOR ST1 or STnet at no extra cost (SECURITHOR license required).

E42 is reporting to most Automation Software on the market including SAMM, WinSAMM, SECURITHOR, Patriot., A-traq, Bold, MAS, SIS, SIMS, Softgard and Centralworks. Direct IP connection to third part software available with supplied component. E42 is reporting to Automation software in standardized alarm industry formats.



Technical Specifications and Features

Alarm codes you can read
EXTRIUM::dt42 is equipped with an internal 4000 accounts database you can enter via a browser from a PC or iPad type tablet. Accounts info such as name, address, phone of the person to contact are all loaded along with a text field for actions to take for each account. Operator can enter comments and notes for each alarm using a USB keyboard or from web browser. Database can be uploaded and maintained by a Central IT or admin department at will.

Extend database with SECURITHOR EXTRIUM::DB units can be connected to a SECURITHOR'S SQL database instead of EXTRIUM's internal database. Each alarm signal is then matched to ST database so each signal gets account, alarm codes and action information from ST virtually unlimited SQL database. IT department will find it easy to manage.

Alarm events reaching you! E42 is equipped with a web server to push events to handheld devices such as iPad or Android tablets. Guards, Nurses or key staff can see events on handheld devices using 3G or wi-fi networks. Supervisors can access E42 remotely to configure or view live traffic.



Each alarm code and account are displayed with full details in text. No more cryptic codes. Multiple languages supported including English, French, Spanish, Russian, Português. Any languages can be added by simply sending translation to MCDI.



Alarms over IP E42 is open to all protocols definition tendered to MCDI. Currently handling alarms over IP from any panels using Formats SIA DC-09 (up to 256 encryption), Paradox, 3i NX1, Nanocomm, Nav87XX, Roel, Telesignaal, TELL. In preparation: VDS, EBS, Pyronix, JR XML, CSV IP.

Memory 12,000,000 events are stored in Edb. Equipped with a removable microsSD card for backup and logging. Logs can be downloaded to PC over ethernet.

Local or remote operation **E42** is designed for both type of operation. Embedded watch dog will restart E42 should it loose power. Remote configuration over the web.

Remote troubleshooting With its embedded linux and IP access, you just need to grant MCDI support staff access to update your Edb remotely. Troubleshooting and updating made easy.

Warranty
EXTRIUM is backed by MCDI SP 2 years limited warranty and MCDI SP legendary support. RoHS compliant. MCDI SP offers first line support in English, French and Spanish. EXTRIUM is designed for troubleshooting over internet by MCDI SP and programming upgrades are free during the warranty period.

Available Q3 2014 at selected MCDI SP power centres
Informatin preliminary. Contact MCDI for more information..