The intelligent DALI Emergency Lighting Monitoring System with ‘One Click’ Commissioning
Introducing the RAPiX intelligent DALI Emergency lighting solution with ‘One Click’ Commissioning

- Total integration with DALI lighting system
- Intuitive ONE CLICK commissioning solution
- Simple to use software & hardware components
- Scalable solution for any size project

RAPiX Emergency ensures the safety and integrity of your emergency system with its revolutionary automated monitoring and reporting solution.
DALI components make it possible to create a flexible, cost-effective and decentralised lighting system. DALI deals only with lighting system components. This limitation is not a disadvantage; it simplifies planning and installation.

DALI is simpler than building management systems and less expensive. Interfaces and converters can combine DALI components with any building management system. DALI can function as a stand-alone system or as a subsystem.

For more information about DALI visit: www.dali-ag.org

RAPIX Emergency is a monitored emergency system that simply integrates with DALI on the same lighting network, or on a dedicated DALI emergency network.

RAPIX Emergency software runs on a PC with Windows™ 7 or above.

Diginet Ethernet to DALI interface device and Diginet DALI power supply.

DALI is fast becoming the global standard protocol for lighting control.
The complete piece of mind DALI emergency software solution.

RAPIX Emergency is a complete emergency monitoring solution that is simple to use, provides ease of operation and ensures compliance obligations are fulfilled.

‘ONE CLICK’ Commissioning
Identify, activate & monitor your system automatically.

- **Groups Fixtures**: Identifies fixtures on the network and creates test groups using intelligent patented algorithms.
- **Sets Maintenance Schedule**: Automatically schedules tests and detects schedule conflicts to ensure best practice.
- **Generates Reports**: Reports on all passed or failed devices with the type of failure and sends an alert to your contacts.
- **Complies with Standards**: Automated compliance testing ensures your emergency lighting system meets current standards.
Discover NEW Ethernet DALI interfaces
Scan for Ethernet DALI interface devices and emergency DALI devices.

Discover ALL NEW Devices
Organise emergency DALI devices into test groups. Identify emergency DALI devices and give them meaningful names.

Search & find DALI lines and DALI devices by alive text filter.

Start Execute the test plan.

Dashboard
Visual graphics showing devices that passed or failed the test. Breakdown of failures by lamp or battery type.

Overall test plan status
Green if ALL devices in the test plan are OK. Red if ANY device in the test plan is not OK. Blue if a function or discharge test is currently being run.

Test PDF reports email automatically
Remind emails 1 day or 1 week prior to a discharge test. Weekly reminder emails, if there are failed DALI devices that remain unfixed.

Re-configure a test plan
Exit the current test plan mode to modify or create a new test plan.

Device Presence Check
Runs a weekly or on demand check to detect any missing DALI devices.

Re-configure a test plan
Exits the current test plan mode to modify or create a new test plan.

Current date & time
Always shows the current date, time and time zone for the site location.

Scheduled tests
Schedule of ON-DEMAND and PERIODICAL discharge and function tests on emergency DALI devices.

Email alert for when the test plan is being run and at completion of test.

Contact Information
Set up emergency contact information of key personnel.

Scheduled Tests
Create discharge schedules and function schedules, and set their frequency and next run dates.
**TEST REPORTING**
Automatic generation of PDF reports.

**Full Test Report**
Reports are generated via test schedules or on demand.

**Repair Report**
Reports can be automatically emailed to the appropriate maintenance contacts.

**Pie Chart**
Represents the number of passed and failed devices.

**DALI Device info**
Each row represents a DALI device grouped by DALI lines.

**Pass or Fail**
Failed devices are highlighted in red with the error information.

**Maintenance Section**
Provides area for building maintenance to log work details.

**Supervisor sign-off**
Allows for completed work to be signed off.

**Repair Schedule**
A summary of all failed DALI Devices from a discharge or function test.

**Failure Mode**
Failed devices are highlighted in red with the error information.

**AUTO EMAIL**
Reports delivered electronically.

**Email Control**
Automatic functions save time and can be actioned quicker.

**Test Email**
Send a test email to ensure delivery to your recipients is established and can be confirmed.

**Notification options**
- 1 WEEK prior to discharge test run
- 1 DAY prior to discharge test run
- WEEK reminder regarding failed devices

**Auto Notification**
Results of scheduled discharge and function tests are automatically emailed in PDF format.

**Multiple Recipients**
Setup a list of recipients who must be advised of test results.

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Rapix Emergency is totally scalable for small, medium and large installations.

Diginet’s simple hardware components can be easily multiplied in any installation for a reliable and stable emergency lighting system. Optional PSUs can be added if the DALI lighting control system does not supply DALI line power.

**EDID**
**Ethernet to DALI Interface Device**
The EDID provides an isolated communication path between Ethernet and DALI lines.

**PSU**
**DALI Power Supply Unit**
Each DALI line requires a dedicated power supply for correct operation.

**SMPS**
**Switched Mode Power Supply**
Powers up to 4 or 6 EDIDs.

**RAPIX**
**Emergency Monitoring Software**
Complete monitoring and reporting software for your DALI emergency lighting system using Ethernet networks.

Rapix Emergency hardware components simply connect to the DALI line. 2 DALI lines can be connected to each EDID. This solution can be expanded to accommodate up to 500 DALI lines.

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DIGINET LEDEmergency driver.
The optimised LED driver to complete
your Rapix emergency solution.

The high performance DALI Emergency LED driver designed
to drive a designated emergency lighting LED or array when
the normal mains AC power has failed.

**Fully Compliant**
All DALI features are fully supported and
officially compliant.

**Battery Detection**
Automatically detects and re-configures itself to
suit available battery.

**Rated Duration**
Different durations can be pre-set at the factory for
local standards. Example - 2hrs, 3hrs, 4hrs or greater.

**Single Plug**
One single battery plug ensures simpler installation.

**No-Jumpers**
Automatically detects operating conditions.

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**LED Driver capabilities**
- Logging data on vital battery operating statistics
- Logging data on vital unit operating statistics
- In-service firmware upgradable
- Automated fault notification

**Factory Configuration**
LED drivers can be configured to suit any of the
compatible battery types with a specific rated
duration time to suit local regulations.

**Compatible Batteries**
- NiMH - Nickel Metal Hydride
- NiCd - Nickel Cadmium
- LiFePO4 - Lithium Ferro Phosphate

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**Discover the Xi advantage,**
a new layer of DALI extended intelligence.

DIGINET’s Xi-extended intelligence is the next generation
layer of digital intelligence. It provides advanced features
and functionality for both hardware and software. Learn
more about this new technology at www.diginet.net.au
RAPIX
Total DALI Commissioning Software Suite Solution

DIGINET
DALI SHORT ADDRESSING
FAST. SIMPLE. MOBILE.

DIGINET EMERGENCY
INTELLIGENT MONITORING SYSTEM
WITH “ONE CLICK COMMISSIONING”

DIGINET INTEGRATOR
COMPLETE DALI CONFIGURATION
SMARTER. EASIER. INTUITIVE.

Diginet
State of the Art Simplicity

Diginet is a premium lighting control systems company.
Extensive engineering, development and technology innovation is provided by the Gerard Lighting Group.
Products include hardware, software & core technology for both networked and standalone lighting control systems.

BUILDING DESIGN BY MATTHEWS ARCHITECTS. PHOTOGRAPHY BY TONY LEWIS