

iCANnet System Integration

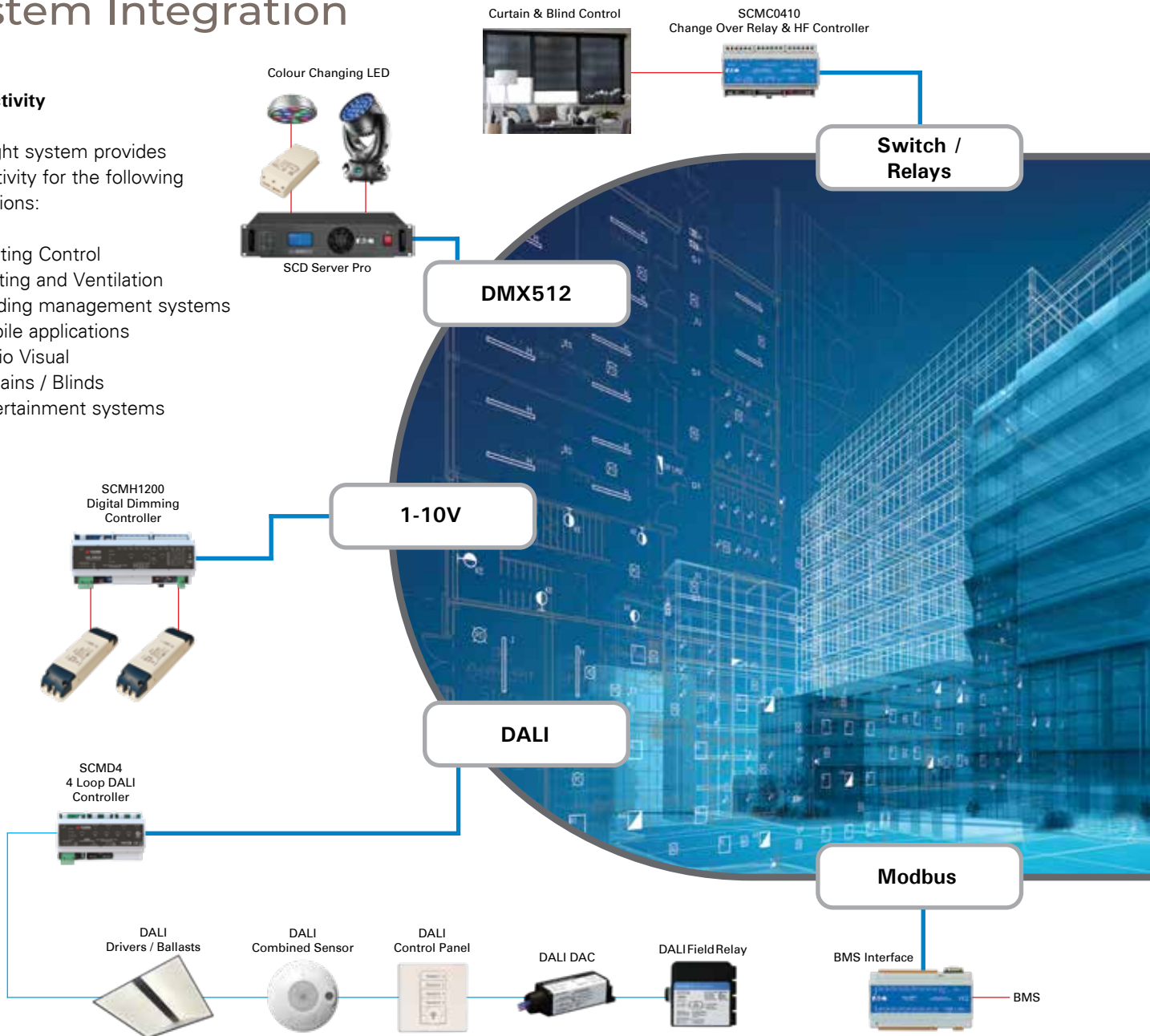
System integration devices for
wider network capabilities

System Integration

Connectivity

The iLight system provides connectivity for the following applications:

- Lighting Control
- Heating and Ventilation
- Building management systems
- Mobile applications
- Audio Visual
- Curtains / Blinds
- Entertainment systems



System Components

Heating & Cooling



HVAC-1



TSG40

HVAC-1 is ideal for individual room heating and cooling control. Each unit connects directly to iCANnet and may be configured for the site application to control fan coil settings as well as underfloor heating. HVAC-1 also links directly to a TSG40 touchscreen to provide simple, intuitive room control for lighting, blinds, curtains, heating and cooling.

- Analogue and digital inputs to support multiple sensors.
- HVAC-1 may also be installed directly in many fan coil enclosures
- Separate 24V PSU available

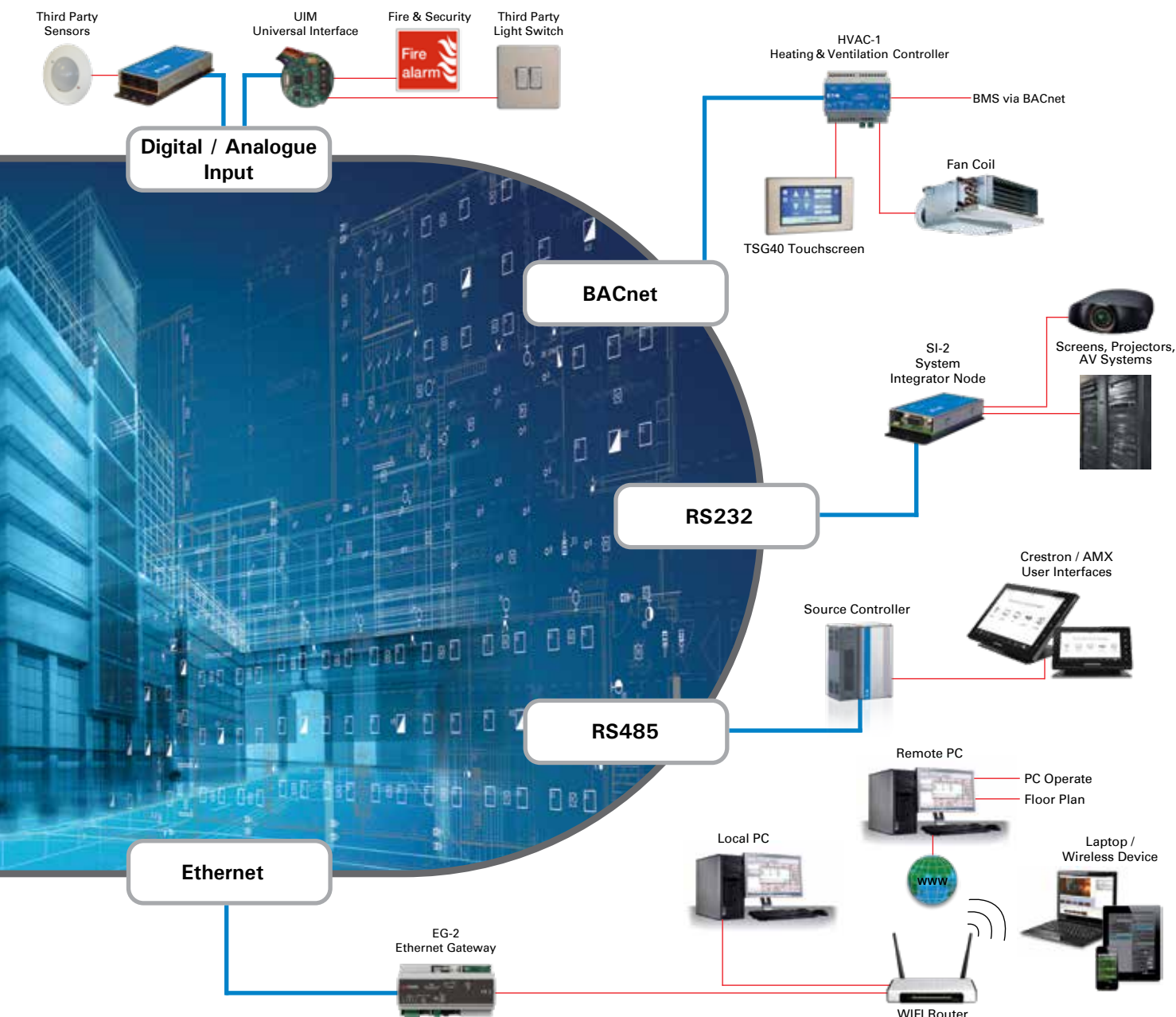
BMS Interface



BMS-1F

The BMS Interface supports a wide range of control protocols to act as a bridge between iCANnet intelligent lighting control network and a central BMS management system.

- Connectivity: LON, BACnet, Modbus, IP, RS232
- 200 areas/points supported (Refer for extension)
- Configurable using built in web server
- Connects to the iLight lighting control system via IP using an EG2 or via RS232 using an SI-2.



The Ethernet Gateway provides a connection between iCANnet and an Ethernet LAN for configuring the iLight system with a LAN network PC or via the internet. Where a wireless LAN is in place (or by connecting a wireless router to the Ethernet Gateway) the user can access the network with a Wi-Fi enabled PC running iLight software.

- Configurable IP address.
- Supports iLight applications via mobile devices. (iPhone®/ iPod touch®/ iPad®)
- Supports ASCII control strings.
- 16 Sequences, each with a maximum of 128 actions.

Ethernet Gateway



Mobile Apps



EG2

The bi-directional System Integrator Node allows control of a wide range of RS232 compatible third party equipment through the iLight user interfaces including audio systems, TVs, projectors, blinds, curtains, heating & HVAC systems, security & fire alarms.

- Adjustable baud rates of 1200 to 115200
- 100 RS232 Output Strings, up to 255 bytes each (ASCII or Hex)
- 100 Output Actions, triggered by a "trigger" CAN message. Each action can send an RS232 string, a CAN message, or control a sequence
- 100 RS232 Input Filters, up to 255 bytes each (ASCII or Hex)
- 100 Input Actions, triggered by a match on an input filter
- 16 Sequences, each with a maximum of 128 actions

Audio Visual Integration



SI2

System Components

Curtains, Blind & Motor Control



RI-2



SCMC0410

Relay Interfaces provide a versatile range of controls in DINrail or wall cabinets. The units may be programmed to perform switching functions for motor, curtain or blind control, AV and presentation equipment or drive contactors for heavier power applications.

RI-2

- 8 x 3 Amp change over relay outputs
- 8 inputs - programmable as analogue or digital used for volt free switches or motion detectors
- 16 sequences each with a maximum of 128 actions
- Audio Visual RS485 port, 2 alarm inputs

SCMC0410

- 4 x 10 Amp change over relays for 1-10V, DSI or Broadcast DALI
- 4 x Independent low voltage outputs
- Requires MPM2400 Master Controller

Entertainment & Effects Systems



SCD24 & SCD96



SCD SERVER PRO

The SCD range provides a bridge between an architectural lighting control network and a DMX performance lighting system for dynamic colour change and effects making it ideal for themed attractions, facades, shopping centres and other public building applications. SCD units are designed to provide scene set dimming output for any DMX512 controlled load.

SCD 24

- 24 channels of DMX control
- 8 sequences with a maximum of 30 actions

SCD 96

- 96 channels of DMX control
- 8 x 3A general rating change over relays
- 16 sequences with a maximum of 128 actions

SCD Server Pro

- 2048 channels (upgradable to 4096)
- A stand alone or remotely controlled event replay controller for complex permanent installations such as facades, landscapes or theme parks.
- 19" Rack mounting

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