# delmatic metro lighting management - system schematic

Delmatic lighting management systems transform physical lighting installations into virtual networks, managed and monitored through powerful graphical software.

The system architecture is based upon a modular network comprising lighting control modules, local control devices, network PC and routers.

## Network PC and routers

## Lighting Control Modules

### Hard-wired multi-circuit module
(no Dali addressing required)

### Dali Broadcast module
(no Dali addressing required)

### Plug-in module
(no Dali addressing required)

### Dali Buswire module

IT network to other floors

lighting circuit(s) from DB

Switched, 1-10V, DSI, Dali or phase dimmed outputs to luminaires

lighting circuit(s) from DB

Dali bus

lighting circuit from DB

Switched, 1-10V, DSI or Dali outputs to luminaires

lighting circuit(s) from DB

Dali bus

**IP Lon Router**

Dali relay

Dali relay

Lon buswire

Intelligent switch

Intelligent presence detectors and multisensors

Intelligent emergency test & monitoring unit

Lon multisensor

Dali multisensor

Dali switch

Dali emergency test & monitoring unit

Local switch

Emergency monitoring photocell

Presence detector

Multisensor

Dali multisensor

Dali switch

Dali emergency test & monitoring unit

Infra-red transmitter

Infra-red transmitter

Infra-red transmitter

Infra-red transmitter

Multifunction infra-red desktop controller with temperature sensor

IP telephony control

Web browser control

IT network

Network PC with graphical software

IT network

## Local Control Devices

## Lon integration

## Scene setting

Network access

Remote access and WAP alerts

Lon access control device

Lon fire detection device

Lon window blind controller

Lon fan-coil or VAV controller

Infra-red transmitter

Lon scene-set switch

Lon LCD control panel

AV interface

Dali scene-set switch

AV touchpanel

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