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Niagara System Integrator Community - the next major force in delivering Open Standards smart lighting controls into the Public and Commercial Property sector?

The traditional lighting controls industry is based on upon, at least, a two decade old model which essentially says only they supply everything you need including the delivery of their substantially proprietary solutions.

Even when there is a global standard for intelligent lighting control known as DALI® (Digital Addressable Lighting Interface) or IEC 60929 they still develop proprietary solutions based around it, which only they deliver.

Intelligent lighting control remains the last silo of control in today's modern buildings but this is changing and it is a multi hundreds of billion dollar global business and growing rapidly.

Today, modern building automation solutions are being delivered based upon web convergent technology platforms.

These platforms enable multiple building systems particularly, but not limited to, those based upon Open Standards to be seamlessly interconnected in order to share data, engineering tools, controls strategies, logging, alarming, scheduling and visualisation all within a common web environment.

- Further these platforms by virtue of their web interconnectivity enable a building "End User" to share data to and from their business and enterprise systems with the data from such connected building systems, in real-time for highly optimised control, management and reporting.

Think if these web convergent technology platforms much you like you think of the current generation of Smart phones/Pads when compared to what came before.

- They are available from growing numbers of global building controls OEMs.



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- They allow Third party product and solution developers to create new features and capability much like the Smart/iPhone phone app's world.
- Building automation solutions based upon these web platforms are already installed in more than 100,000 buildings globally by the next generation of System Integrator and Energy Management companies.
- There are many 100's of such organisations already in existence globally and growing.

So to answer the question, today Systems Integrators have the tools too easily, directly and seamlessly connect the intelligent world of DALI lamp networks to these latest web convergent technology building automation platforms.

Thus they deliver what is a traditional lighting controls market disruptive solution, as it –

- enables smart and intelligent lighting solutions to be delivered by building automation system integrators directly
- is substantially vendor independent, both in terms of components and who delivers being only open standards dependent
- requires less lighting controls equipment to be installed and offers lowest CO2 emissions in operation, according to EU assessment
- is a native web convergent technology platform solution, providing seamless access to all available data which can be shared with other similarly connected building automation subsystems and the clients business and enterprise applications

For a video on web converged building automation, [click here](#)

For information about web convergent technology, [click here](#)

For information on the world's first native web convergent DALI lighting solution, [click here](#)

Control Network Solutions Ltd is an M2M product and solutions innovation company. It is the creator of elitedali for Niagara AX® the world's first web based DALI lighting solution delivered by System Integrators. Though not entirely, most of our products and solutions have found their way into the SMART and Intelligent built environment of public and commercial buildings.



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