



INTELLIGENT ENERGY MANAGEMENT

As technology evolves, the need for unified communications increases, and the desire to combine resources, and establish a centralised hub for medium to large businesses is called for. There is a tapestry of options out there for specific monitoring of devices but what is required is the implementation of a total building solution to bring the various resources together in each location, creating a global view of how the business is performing, be it Crestron's Fusion EM / Lutron's Quantum to AMX's RMS.

Green and sustainability efforts are much more complex than just harvesting daylight and dimming lighting levels. Managing and controlling ambient lighting is only one small piece of the puzzle. Meaningful reductions in energy usage and utility costs can only be achieved by integrating all building systems on a single, intelligent building management platform.

In commercial office buildings, hotels and resorts, college campuses, stadiums and arenas, hospitals, convention centres and modern homes, all the technology throughout the entire facility, both centrally and globally, can be monitored, managed and controlled from one dashboard.

For example, in the Higher Education market, institutions spend a significant portion of their annual operating budgets on utility services, diverting funds from valuable programmatic and community-building activities. These institutions are feeling pressure to reduce maintenance and operations



budgets caused by difficult economic conditions and rising costs – especially energy and this situation is expected to escalate as total world consumption of marketed energy is projected to increase by 44% from 2006 to 2030. This problem applies to the commercial and residential market, as the costs of energy are shared throughout, and the benefits can increase the ability for your business to perform in a competitive commercial environment.

Imagine that “at a glance” you could view every light setting, Audio Visual status and usage, environmental device's throughout your facility, keeping you informed of each room in a real-time platform that unifies all energy-consuming systems, including the HVAC, shades, voice & data, security, room scheduling and more. Graphically view these levels precisely from any touch screen or web-enabled device. Track current and historical energy consumption and intelligently manage room resources. Monitor the power grid and renewable energy sources, and automatically draw from the most cost-effective source.

That's intelligent, fully integrated building management from Liquid Automation.

Liquid Automation is currently celebrating its 10 year anniversary in business, where it has seen its two directors Stephan Goodhue and Bruce Cox build the company into an internationally award winning power house in the custom building automation business, both in the domestic and international market place. Liquid Automation specialises in Control System integration, Power Management, Audio Video, Security and Window Treatments.

To compliment Liquid Automation, they have two subsidiary businesses:

Liquid Electrical, specialising in large scale residential and commercial projects, and **Liquid Solar** which imports, designs and builds solar alternative power systems.

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