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IMS The Installation Management Server

Convergence without question will be the buzzword of 2005, but what does it mean? Simply that two previously parallel and unique disciplines start to overlap.

In entertainment technology we have seen two key areas of convergence begin over the last couple of years. Most visible is the convergence of video wall technology with that of lighting. The second is perhaps more esoteric, the convergence of architectural lighting control and building management.

Over recent years there has been significant growth in the use of 'entertainment' technology in architectural applications. Where previous installations concentrated on functional white light, recent projects integrate feature and effects lighting. This convergence has spawned the term 'Architainment'.

As project sophistication grows, so does the need address integration of control and long term maintenance.

Artistic Licence has been leading the way with the Colour-Tramp product line. At first glance Colour-Tramp is simply a lighting control system, albeit optimised for architainment and feature lighting. However, there is much more within!

The most powerful of the new concepts is the Installation Management Server or IMS. IMS allows a lighting installation to be monitored remotely, vastly reducing ongoing maintenance costs and maximising up time. So how does it do this?

IMS leverages the new control protocol technologies available from RDM (Remote Device Management) and Art-Net, the ethernet control protocol. RDM and Art-Net allow modern lighting fixtures to communicate back to the lighting controller. A wide range of information is available from lamp hours to operating voltage, temperature and even light sensors.

The control system, Colour-Tramp, collates the bulk information and forwards it via the Internet to the Installation Management Server operated by Artistic Licence. The IMS analyses the data and takes automatic action based on the results. If a fault situation is diagnosed, the IMS can send an emergency email, text message or pager call as designated by the client. The IMS can also produce statistical analysis of data trends and automated daily or weekly maintenance reports.

Colour-Tramp also provides linkage to existing building management systems, allowing show triggering and synchronisation via a wide range of protocols. Perhaps the most interesting of which is via email command.

Please visit our website for more information: www.ArtisticLicence.com

If you would like a copy of our Brochure or CD, please email your contact details to Sales@ArtisticLicence.com