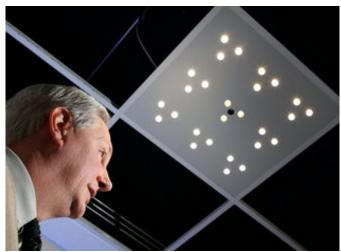
Written by Marco Attard 29 December 2010

LVX System relieves wireless congestion through what's normally thought of as a nuisance-flickering ceiling lights.



LED clusters in a ceiling light fixture transmit messages by flickering faster than the eye can see. Special modems "read" the messages and flicker messages back to the fixture's sensor-connecting a computer to the internet.

The system's first generation transmits data at around 3 Mbps.

So far the US-based company is just about to install its first light fixtures in 6 municipal buildings.

LVX says its second generation should roll out in 2011-- and have speeds comparable to commercial wifi networks. It will also lead to colour- and intensity-changing lights, with "smart" fixtures dimming according to sunlight intensity.

What makes the system attractive is electricity and maintenance cost-- with LEDs being very energy efficient and more durable than regular than standard lighting.

Go LVX System

Data Through Flickering Office Lights

Written by Marco Attard 29 December 2010

Go Ceilings Lights Send Coded Internet Data