



Office Meeting Room APG

Shenzhen, China

“The wireless control of LED lighting is the most energy efficient lighting system we’ve ever experienced. This is particularly true when the lights can be grouped as needed at any time, so that we can have different levels of dimming control at different times or light conditions. Through the flexible dimming system, we can save 50-60% on energy, screws and maintenance costs, and create an optimum sense of comfort.”

By Mr. Nelson Yung, APG General Manager

“The most impressive thing about this wireless control system is that it reacts very fast, synchronously. Of course, as it’s wireless, it is very easy to install. I’ll definitely recommend this wireless system to my customers if they ask about networked control.”

By Mr. Da Shen, Beijing Delta Lighting CEO

The Project

Due to China’s nationwide focus on energy saving, the APG of NXP wanted to upgrade its lighting facilities whilst maintaining and strengthening the historic factory. An important step was the phased redevelopment and renovation of the office building. Phase one was limited to the renovation of this meeting room, while phase two was for the whole building. In the meeting room, there were 16 tubes and 29 down lights, with TL or CFL solutions. “In the specifications we included an attractive lighting plan for the meeting room,” says Stephen Ho, Engineering Director, on behalf of Nelson Yung. “The idea was to use LED fixtures interconnected with a control system to achieve an optimal lighting effect.” When Nelson Yung got in touch with NXP marketing VP Andrew Russell via the project contractor Mr. Shen, everything changed. “The wireless JenNet-IP solution makes everything simple and easy to control. This meant the JenNet-IP IoT module can do dimming and grouping more efficiently, without the issue of installing wires.”

The Solution

One Router



One gateway





APG 会议室

中国 深圳

APG总经理Nelson Yung先生表示：

“无线控制LED照明是我们所见过的最节能高效的照明系统。特别是可随时根据需要组合灯光，让我们能够在不同时间或不同照明条件下实施不同水平的调光控制。通过这种灵活的调光系统，我们可以节约50%-60%能源、安装和维护成本，并打造最佳舒适感。”

北京Delta照明公司首席执行官沈达先生表示：

“这种无线控制系统最突出的是反应速度极快，实现同步响应。另外，由于无线控制，所以安装非常方便。如果客户询问关于网络控制的问题，我肯定会向他们推荐这款无线系统。”

项目

由于全中国都在关注节能，恩智浦APG项目希望升级照明设施，同时维护并加强具有历史意义的工厂。其中重要的一步就是办公楼的阶段性重建和修复。第一阶段仅限于修复该会议室，第二阶段则是整栋办公楼的修复。该会议室中有16支灯管和29个射灯，采用TL或CFL解决方案。工程总监Stephen Ho先生代表Nelson Yung表示：“在规格方面，我们为该会议室选用一种有吸引力的照明计划，我们的想法是使用与控制系统互连的LED设备，实现最佳照明效果。当Nelson Yung先生通过工程承包人沈先生，与恩智浦营销副总裁Andrew Russel先生取得联系后，JenNet-IP解决方案使一切都变得简单而且易于控制。这意味着JenNet-IP IoT模块可以更有效地进行调光和重组，而不会产生线路安装问题。”

解决方案

一个路由器



一个网关

