

Illuminating Savings:

How the SurgeX SQUID Drives Energy Efficiency in Educational Settings



In educational environments, optimizing power consumption is not only about financial savings but also about fostering sustainability and responsible power quality management. This case study explores the transformative impact of the SQUID, a revolutionary solution tailored to enhance energy efficiency in classrooms, ultimately leading to significant cost reductions.



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Challenge

A mid-sized classroom grappled with the complexities of managing power quality in a bustling academic environment. Each of these classrooms had several technological devices hooked into one installation and the lack of visibility into power consumption patterns hindered the installers' abilities to implement effective measures. As a result, schools faced severe power quality challenges that led to higher electrical bills, unbeknownst to them.

Solution

The SQUID provides these mid-size classrooms with everything they'll need in an individual package for use throughout the entire educational site and allows for monitoring and control from one Network Operations Center. By deploying the SQUID across the entire institution, these classrooms gained real-time visibility into energy usage, allowing the IT team to make data-driven decisions to optimize consumption and reduce costs.

Results

The impact of the SQUID's performance on the educational site's finances was profound. The successful implementation of the SQUID in these mid-size classrooms demonstrates the potential for technology to drive positive change in educational settings. By harnessing the power of data and automation, the school achieved significant cost savings. This case study underscores the transformative impact of the SQUID in empowering educational institutions to pave the way towards a more financially sustainable future.