

SMART TECHNOLOGY
BETTER SPACES >

CoreSync Smart Building Platform



molex

MAKING WORKSPACES INTELLIGENT >

Intelligent buildings are an effective means for to increase efficiency, reduce costs and improve workspace environments. This is a “smart” approach to reducing operational expenses and facilitating a flexible growth model. So, what powers the connectivity of an intelligent building in the early 21st century?

\$43.79
/ sq ft

The average cost per year per to operate office space



On average 44% of work seats are not utilized



LED retrofits can achieve 30% energy savings. Fully integrated lighting systems could achieve energy savings up to 90%



CORES SYNC

ECOSYSTEM ALLIANCE >

The Molex CoreSync EcoSystem Alliance brings together a range of companies to provide network connected services in commercial buildings and everyday life. Alliance members are committed to elegant, high-quality design, bringing their expertise to create better-lit, contemporary spaces and digital experiences.



CASE STUDY

GEORGIA PACIFIC >

The Georgia-Pacific Tower is a landmark skyscraper in Atlanta, at one time the city's second tallest skyscraper. The building comprises 52 stories overall, of which 23 are occupied by GP, covering 500,000 sq ft. This iconic building was in need of a refit to improve the working environment and modernize, maximizing functionality, efficiency and integration, and minimize operating costs.



Automatically modulated HVAC systems

Sensor data is shared with Building Automation System (BAS) control temperature



Integration with the AV system

enables equipment to be automatically switched off when not in use



Human-centric lighting

tailors the light to circadian rhythms for enhanced productivity



PoE motorized shades

automatically controlled to assist with lighting and temperature control



Automatic room scheduling

Rooms are automatically marked reserved if occupied, and released if a meeting is a "no show"

molex

CASE STUDY

BICSI >

The world-class BICSI Learning Academy has served thousands of individuals across the globe. In order to ensure they would be equipped to serve thousands more going into the future, substantial remodeling was required, including an overhaul of their network infrastructure. Covering about 30,000 sq ft in total, the project was completed in two phases.



Wireless relays for plug load control

reduce unnecessary electricity use by shutting off equipment when zero occupancy is detected



Temperature and humidity sensors

provide additional data from across the campus, enabling facilities managers to monitor different locations and identify trends about workspace conditions



Power over Ethernet (PoE) cameras

Upgrades strengthen site security for enhanced safety



400+ PoE fixtures

and over 300 gateways implemented

molex

CASE STUDY

NYC LAW FIRM >

This New York City-based law firm will occupy 640,000 sq ft over 22 floors that will incorporate Power over Ethernet (PoE) technology. By square footage, this is the largest PoE project completed in New York City.



Wide scale data collection

with wired multi sensor modules for more detailed information and better decisions



Integration with AV

turns equipment off under vacancy, saving energy and money



Integration with LED beacons

Occupancy notifications maximize effective utilization of space



Largest PoE project

completed in New York City to date



molex



MOLEX CORESYNC

SMARTER BUSINESS ASSETS

Next Generation Networks

For over 50 years Molex has been recognized worldwide for its high performance products. From structured cabling to smart buildings, we develop and deploy intelligent connectivity solutions which provide tangible business benefits.

With over 3.3 million sq ft already installed, CoreSync systems are already reducing costs, saving energy and empowering employees for businesses around the country.

Market Leading Technology

The CoreSync Alliance draws on the expertise of some of the biggest names in lighting, automation, sensors, and PoE technology. A wide range of cutting edge fixtures, functions and designs can be seamlessly combined to create dynamic, self-optimizing environments.

The result is a solution that's powerful, multifaceted, and customized to the user's unique requirements.

Trusted Relationships

Molex works with a number of leading designers, technicians and integrators to ensure the highest standards are maintained throughout the installation and working life of your CoreSync implementation. All Business Associates are hand selected, trained and certified in our own CoreSync Academy.

Our comprehensive 25-year warranty and local technical support teams give you the confidence that your system will be supported throughout its lifetime.

molex



molex

Connected Enterprise Solutions

www.molexces.com/contact-us

molexces.com