Powering high-performing, future-ready buildings

Bee'ah Environmental Management Company, Sharjah, United Arab Emirates

Bee'ah's mission was to create a sustainable future using its headquarters as a showcase for how technology helps to create experiences that improve productivity. We powered this mission by delivering the most advanced building technology solutions, so that the site will leverage new capabilities enabled by IoT, Big Data, Cloud, AI, and natural language processing (NLP).

Improved Efficiency	Goals of 0% carbon emissions, 20% less water use and 5% less energy use.
Increased productivity	Using AI expertise to unify security, building management and employee systems.
Enhanced occupant experiences	Using technology to enable and power a 20% improvement in employee satisfaction.

Portfolio of Smart Buildings – North America

DENVER INTERNATIONAL AIRPORT

ESKENAZI HOSPITAL

LONG BEACH CIVIC CENTER

MUSEUM FINE ARTS HOUSTON

CORNING HQ

JOHNSON CONTROLS HALL OF FAME VILLAGE

MARIN GENERAL HOSPITAL

EDUCATION

FISERV FORUM & BUCKS PRACTICE FACILITY

HUDSON YARDS

HARTSFIELD JACKSON AIRPORT

TRINITY HOSPITAL

We are in **90 percent of** the world's most iconic buildings.

Our global team of more than 100,000 experts innovate and deliver in 150 countries providing services from over 2,000 worksites.

Powering safer, smarter, more engaging learning environments.

University of Hawaii Community Colleges, Hawaii, USA.

The Hawaii Community Colleges mission was to reduce their energy rates and set their focus on sustainability. We powered this mission by providing customized solutions such as improved energy use through solar shade canopies, lighting and other facility transformations. They now have the largest distributed energy storage project in the U.S. as the first campuses to generate and store 100 percent renewable energy on site.

Increased revenue impact	Saved $80 million through an energy retrofit and renewable energy solutions.
Improved efficiency	Reduced energy use by an average of over 80% across four campuses.
Enhanced occupant experiences	Deliver sustainability education programs to support student learning.

Helping patients heal and doctors cure.

Ng Teng Fong Hospital, Singapore.

This urban medical complex sought to create a flexible, modular and integrated healthcare service that was patient-centered – from the facilities and the medical processes to the emergency services. (They wanted to create a sustainable urban medical center that would earn them the Singapore BCA Green Mark certification.)

We powered this mission by creating optimally-managed healing environments that would lead to measurable, improved patient experiences.

Enhanced occupant experiences	Shortened response time to Code Blue activation resulting in 3X increase in survival rate of patients with cardiac arrest.
Increased productivity	Seamless integration to optimize day-to-day workflow and emergency response capabilities.
Increased revenue impact	Close to $4 million energy savings and 68,000 cubic meters of water are saved each year.

Powering advanced digital learning environments.

Oxford High School, Oxford, Mississippi, USA.

Oxford High School administrators had a bold mission: to deliver a one-to-one digital learning environment to help students achieve. They also faced high student population growth and chose to deliver a high-tech, energy-efficient high school to accommodate all students while enhancing learning.

We powered this mission by combining sustainable solutions with advanced building management technologies and efficient lighting, heating and air-conditioning systems.

Increased revenue impact	$6 million saved in energy and operational costs over 15 years.
Increased productivity	Standardizing on one building management system throughout the district drove efficiencies across all schools in the district.
Improved efficiency	Reduce energy use by the equivalent of more than 200 homes annually.

Powering safer, more operationally efficient airports.

London Heathrow Airport, London, UK

The world's busiest international airport serves 184 destinations in 80 countries. Their mission being to keep travelers, immigration police, retailers and employees safe.

We power this mission with technology solutions that deliver enhanced security, smoother traveller experiences and more cost-effective operations. A fully integrated security solution is employed for managing access throughout the airport and preventing unauthorized access to secure areas. In addition, it manages the flow of passengers, visitors and baggage through access points inside the airport.

Increased revenue impact	Customized a powerful and seamlessly integrated access control system to serve the mission critical security challenges of airports.
Increased productivity	Installed 24/7 critical security features which protects travelers and aids in the efficient flow of 30 million passengers each year.
Improved efficiency	A system of 14 interlocked doors designed to control the flow of travelers, while maintaining security and separation of international and domestic passengers.

Powering smart, more efficient and resilient data centers.

In mission-critical environments, security, efficiency and responsiveness are everything. Our global engineering Centers of Excellence work with the world's leading technology companies to power faster deployments, cutting edge cooling, and specialized security. Our integrated solutions help deliver the data centers for today and tomorrow – powering our customer's efficiency, cyber security and sustainability goals.

Increased revenue impact	Driving ROI means actualizing peak operating performance and prioritizing speed and standardization.
Improved energy efficiency	Industry-leading HVAC technology saves up to 30% on energy and offers a pPUE of less than 1.1.
More protection	Converged and cyber-physical security solutions protect against insiders, intruders, cyber and other security risks.

Powering more connected experiences for fans.

Fiserv Forum, Milwaukee, Wisconsin, USA.

This world class arena has one mission: to increase engagement and operational efficiencies through technology innovations. We power this mission through our integrated solutions that feature a state-of-the-art digital experience for fans to keep them engaged with everything from on-demand video streaming of instant replays to apps that let fans order food or locate the shortest restroom lines.

We also designed a network infrastructure within the arena that supports the building systems and business applications creating an environment that is safe, comfortable and operates efficiently.

Increased productivity	The arena, entertainment plaza, Bucks' training facility and parking structure are seamlessly converged improve building performance and efficiency.
Enhanced occupant experiences	Simultaneous connectivity for a full arena and entertainment district of fans, including Wi-Fi and high-capacity DAS networks.
More protection	Security cameras stream video to protect fans inside and out using enterprise video management software.