

Case study: Dubai Silicon Oasis Shape and lead energy solutions



Comprehensive energy solution for optimized performance and energy savings

About

Name:
Dubai Silicon Oasis

Country:
United Arab Emirates

Location:
Dubai

Dubai Silicon Oasis (DSO) is a special economic zone for knowledge and innovation and a member of the Dubai Integrated Economic Zones Authority (DIEZ).

Challenges

Since its inception, DSO has achieved significant progress in the integration of smart building management systems. Notably, its flagship iconic headquarters stands as a pioneering example, securing a prominent position as one of the first LEED Platinum buildings in the United Arab Emirates. This accomplishment is further augmented by a notable portfolio for DSO, encompassing over 21 LEED Platinum certified buildings. Moreover, in its capacity as one of the five urban centers within the Dubai Urban Master Plan 2040, DSO has oriented its objectives towards higher echelon levels.

The emphasis is placed on directing efforts towards focal initiatives that seamlessly align with the Dubai Clean Energy Strategy 2050, aimed at enhancing energy efficiency and cutting down on operational costs

Solutions

Johnson Controls provided DSO with comprehensive energy conservation solutions. By doing this, DSO has enriched the array of sustainability projects that are in alignment with its overarching objective of delivering one of the most eco-friendly infrastructures in the UAE. The essence of these solutions revolves around maximizing energy efficiency, reducing operational costs, and providing a solution that meets DSO's sustainability goals, while maintaining uninterrupted and reliable cooling for the facility.