

# Airport facility management insight

- Malaysia Airport Sdn Bhd - Penang International Airport

**Penang International Airport (PIA)** seeks way for cost efficiency. One of the key factor to save the utility cost, by implementing an efficient **Building Automation System (BAS)**. There are several costs such as energy, operation and maintenance cost need to be managed every year.



The impact of BAS system goes beyond reduced energy use and utility savings. It also relates to productivity and workers efficiency. One of key benefits to the airport passengers, BAS system automatically adjusts the building temperatures and lightings, maintaining an ideal level of comfort within the facility. By optimising comfort levels, the BAS system will also reduces constraints and complaints from occupants and increase the productivity. Since the building's facility and equipment will reduce wear and tear, this will definitely require a minimum repairs. Moreover, our team will always ready and regularly carry out service maintenance from time to time. In the previous, PIA BAS system was completed during the project expansion in 2010. However due to limited resources, the system was not well maintained and had no proper services til 2016.

Today, BAS system has been restored accordingly. The operator has full control, manage and monitor the system as required. Visi Dinamik will continue to provide a technical support, service and maintain the main facility as:

- **Main control room**
- **Chiller**
- **BMS Metal Enclosure, Input Output & Sensors**
- **Network infrastructure for BAS**

**System solution**  
**Pegasus Building Automation System**

