

# Mi-Suria

## Universal PVMS

Mi-Suria is a Smart Photovoltaic Monitoring System (PVMS) for predictive maintenance, centralised control and real-time monitoring. Being platform-independent, the PVMS can be used with multiple brands of string or microinverter making it more flexible than commercial PVMS.



### Overview

**Mi-Suria** is a Universal PVMS developed by MIMOS which can be used with multiple brands of string or microinverter making it more flexible than commercial PVMS. It provides a single interface to monitor and consolidate consistent information across multiple brands of photovoltaic inverters installed.

### Features

Mi-Suria provides the following features:

- Performance Dashboard**  
 Mi-Suria provides real-time monitoring, performance optimisation, fault diagnosis, alarm, notifications, and asset management at a glance.
- Asset Control and Security**  
 Mi-Suria also provides historical data storage, weather monitoring, plant management, and security and asset control. The data captured never leaves Malaysia – maintaining data sovereignty.
- Power Utilisation Monitoring**  
 Power utilisation i.e. real-time power, usage, total/monthly/yearly yield, today's alarms, work order issued/closed, and alarm list is available for each plant.

### Technology Benefits

The main impacts of Mi-Suria are:

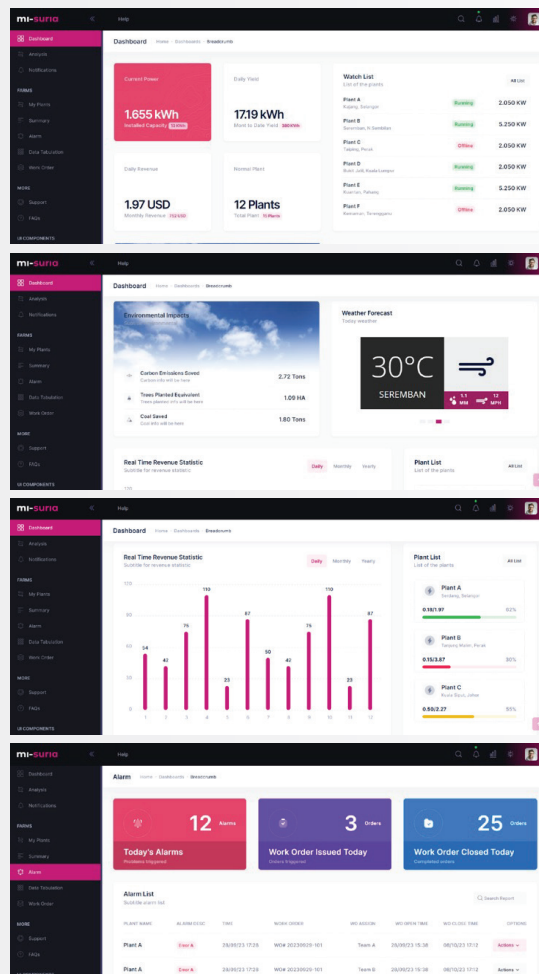
- Insights on Environmental Impacts**  
 Mi-Suria's user interface displays environmental impacts such as carbon emissions saved, trees planted equivalent, and coal saved.
- Plant Portfolio and Drilldown**  
 Mi-Suria allows viewing of plant list i.e. view of active plants and portfolio summary, and drill down for each plant in terms of capacity.

- Value-added Statistics**

Additional information, such as weather forecast and real-time revenue statistics can be viewed instantly.

### Applications

Hybrid Power Systems, Large Scale Power Plants, Residential or commercial solar system



Mi-Suria GUI

