



Acloud

Smart Cloud Platform

Product Introduction

AdvanSol Acloud Smart Cloud Platform is an operation service platform with the integration of solar system and AI technology to provide services such as safe generation, maintenance support, and clean energy assets management throughout the life cycle.

Different from the traditional solar software platform, the Acloud platform is continuously improved and iterated based on the big data of system O&M, becoming a "Smart Brain" for the renewable energy systems.

The Acloud platform provides services of module-level data monitoring, big data analysis, early warning mechanism and active system maintenance. Thus, the operation of the equipment can be monitored and controlled anytime and anywhere.



The Acloud can fully ensure the safety of the personnel and the equipment thanks to monitoring and control of module-level micro controller.



Based on the massive module-level data acquisition and analysis, the Acloud can realize the system diagnosis and synchronous display, thus truly realizing the comprehensive visualization of power station operation, and smart O&M process.



The seamless connection between the Acloud and the O&M team can efficiently realize: accurate and fast fault positioning, fast O&M response, and traceable O&M history.

Contents	Function	Web Page	APP
List of Power Stations	Overview of Power Plant	✓	✓
	Power Plant Views	✓	✓
	Device Monitoring	✓	✓
	Evaluation Analysis	✓	
	Alarm Display	✓	
	Report Forms Management	✓	
Large-screen Display	Weather Warnings	✓	
	KPI Display	✓	
Operation and Maintenance Management	Safe Shutdown	✓	
	Alarm Statistics	✓	✓
	Work Order Management	✓	✓
	Route Planning	✓	✓
	Video Display	✓	
System Settings	Power Station Modeling	✓	
	Power Station Management	✓	

