

分布式光伏电站系统

电站监控运维平台

Power Station Monitoring and Operation System



电站监控运维终端

Power Station Operation and Monitoring Terminal



提高电站收益:

Improve Power Station Revenue:

- 大数据分析, 短板优化, 提高效率
- Data analysis, optimization, improve efficiency
- 风险预测, 快速排除故障, 降低损失
- Risk prediction, quick troubleshooting and loss reduction
- 远程运维、降低成本
- Remote operation and maintenance, cost reduction

保障资产安全:

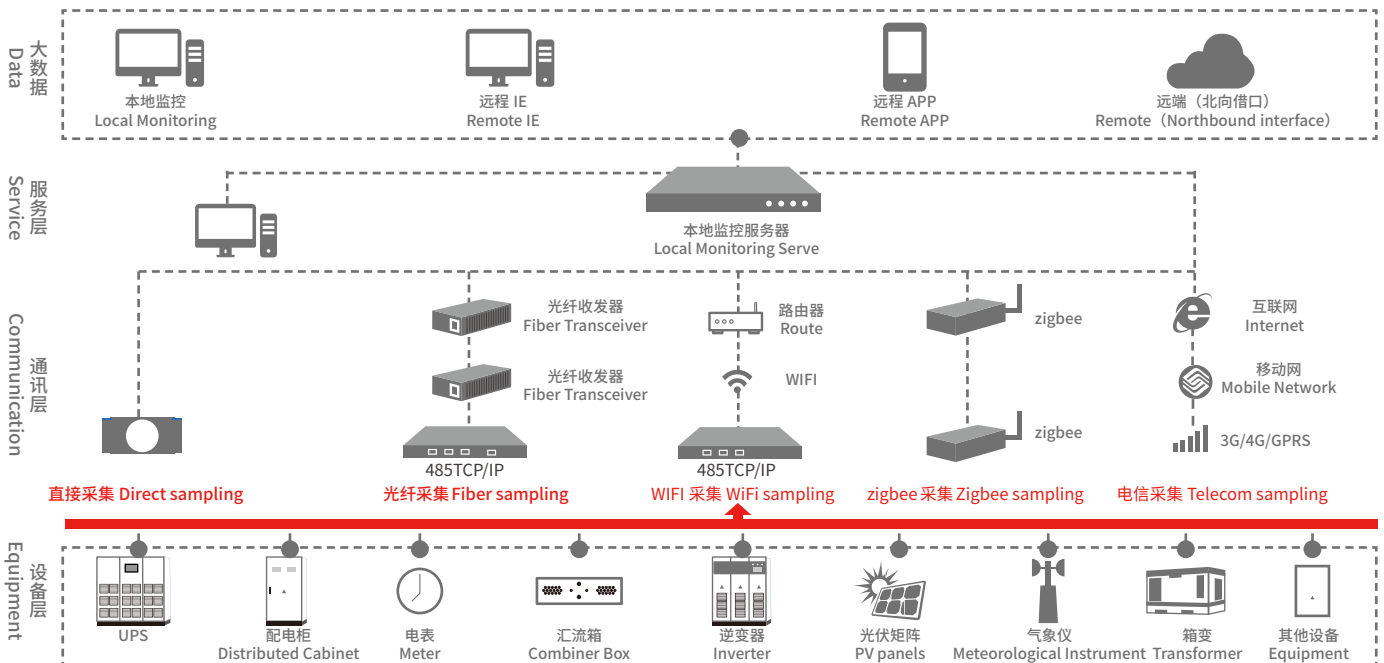
Security of Assets:

- 高可用性双机冗余备份, 服务无缝接管
- High availability dual machine redundancy backup
- 24X7 小时不间断, 监控电站运行, 保障电站安全
- 24*7 hours uninterrupted monitoring, ensure the safety
- 数据冗余备份, 保障数据安全
- Data redundancy backup to ensure data security

兼容多种应用:

Multiple Applications Compatibility:

- 满足多应用场景需求
- Meet the needs of multiple applications
- 兼容性强, 支持第三方厂商设备
- Strong compatibility, support third-party vendor equipment
- 按需定制, 可集成分布式光伏系统、微网系统、离网系统等多系统
- Customized on demand, integrated with multi-system of distributed PV power system, micro-grid system, off-grid system etc



Distributed PV Power Station System

分布式光伏电站系统 Distributed PV Power Station System

关键功能 Key functions	监控系统 Cloud Service Terminal	生产管理系统 Management System	运维 APP Operation APP
电站 KPI 指标监控 (KPI of Power Station)		●	
运行、对比报表管理 (Compare Report Management)		●	
全电站 PR 分析对比 (PR Analysis)		●	
配置管理 (Configuration Management)		●	
组串智能分析 (Cluster Intelligence Analysis)		●	
全电站资产管理 (Power Station Asset Management)		●	
远程专家诊断 (Remote Expert Diagnosis)		●	
缺陷管理 (Defect Management)		●	
巡检管理 (Checking Management)		●	
子站资产管理 (Sub-station Asset Management)		●	●
逆变器监控 (Inverter Monitoring)	●		●
组串监控 (Strings Monitoring)	●		●
气象站监控 (Weather Station Monitoring)	●		

储能 / 微电网系统 ESS/micro-grid System

关键功能 Key Functions	监控系统 Monitoring System	生产管理系统 Management System	EMS 系统 EMS System	运维 APP Operation APP
电站 KPI 指标监控 (KPI of Power Station)		●		
运行、对比报表管理 (Compare Report Management)		●		
全电站 PR 分析对比 (PR Analysis)		●		
配置管理 (Configuration Management)		●		
组串智能分析 (Cluster Intelligence Analysis)		●		
运维分析 (Operational Analysis)		●		
全电站资产管理 (Power Station Asset Management)		●		
远程专家诊断 (Remote Expert Diagnosis)		●		
缺陷管理 (Defect Management)		●		
巡检管理 (Checking Management)		●		
子站资产管理 (Sub-station Asset Management)		●		●
运行报表 (Operating Report)		●		
统计分析 (Statistic Analysis)		●		
逆变器监控 (Inverter Monitoring)	●			●
汇流箱监控 (Combiner Box Monitoring)	●			●
电池监控 (Battery Monitoring)	●			●
离网控制器监控 (Off-grid Controller Monitoring)	●			●
储能逆变器监控 (PCS Monitoring)	●			●
充电桩监控 (EV Charger Monitoring)	●			●
气象站监控 (Weather Station Monitoring)	●			
AGC/AVC			●	
功率平滑 (Smoothing Power)			●	
调度目标跟踪 (Target Tracking)			●	
电压无功控制 (Reactive Control)			●	
削峰填谷 (Peak shaving Function)			●	
调频响应 (Reaction of Frequency Adjustment)			●	