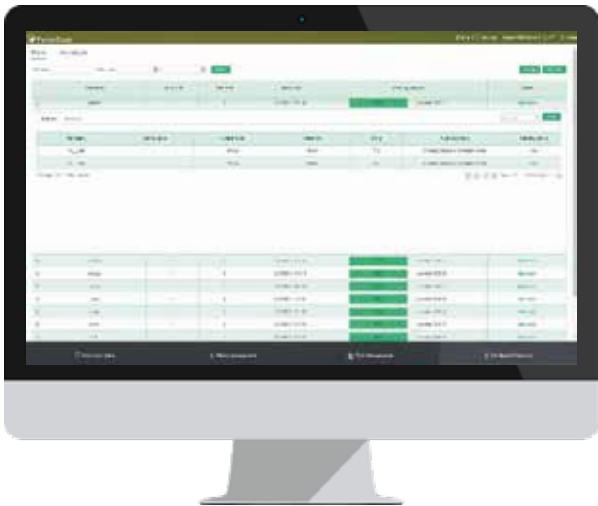


Smart I-V Curve Diagnosis is able to carry out online I-V curve analysis on entire strings with advanced diagnosis algorithm . The scanning would help to find out and identify the strings with low performance or faults, which would help to achieve proactive maintenance, higher O&M efficiency and lower operation cost.



Smart

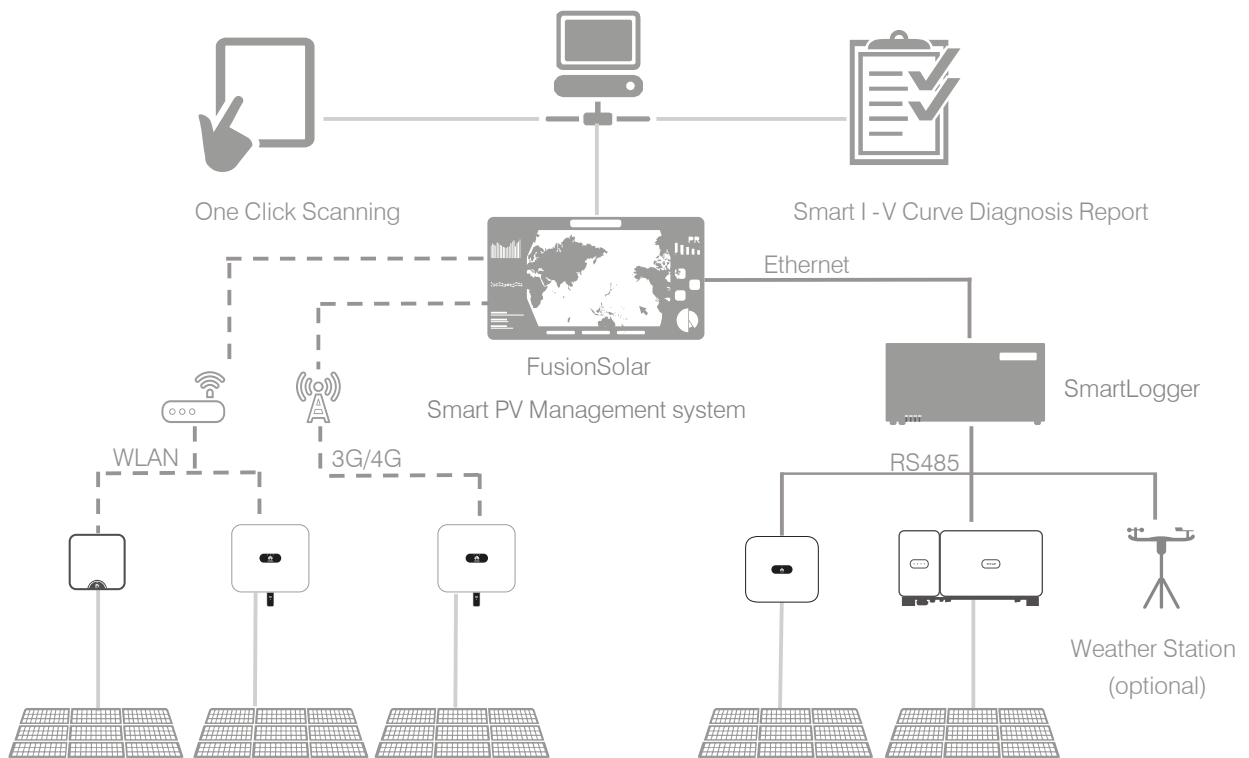
- Support plant -level, array -level and inverter -level analysis and diagnosis
- Automatically identify different failure types and provide recovery suggestion




Efficient



- One-click scanning without onsite experts or equipment
- Online I-V curve scanning on entire strings of 5 MW plant within 5min
- Automatic report generation of 5 MW plant within 15min

Network



Technical Specifications	Smart I-V Curve Diagnosis
Smart PV Inverter	SUN2000 L-2/3/3.68/4/4.6/5KTL *, SUN2000-3/4/5/6/8/10KTL -M0/M1 *, SUN2000-12/15/17/20KTL -M0/M2 *, SUN2000-33KTL-A/36KTL, SUN2000-60KTL-M0
Communication	SmartLogger2000, SmartLogger1000A, SmartLogger1000, Smart Dongle
Management System	FusionSolar Smart PV Management System , NetEco1000s
Scanning Time	< 1s (1 string)
Sampling Points per I -V Curve	128
Certification	 TÜV

\* I-V curve diagnosis is not supported when inverter is connected with power optimizer.

String-level Management	Smart I-V Curve Diagnosis
 <p>Real time monitoring</p>	 <p>Fault Analysis</p>

### String I-V Curve Comparison

