

NetEco1000S



Smart

- Easy data accesses on mobile devices
- Auto faults alarming and reports issuing
- Smart I-V Curve Diagnosis supported

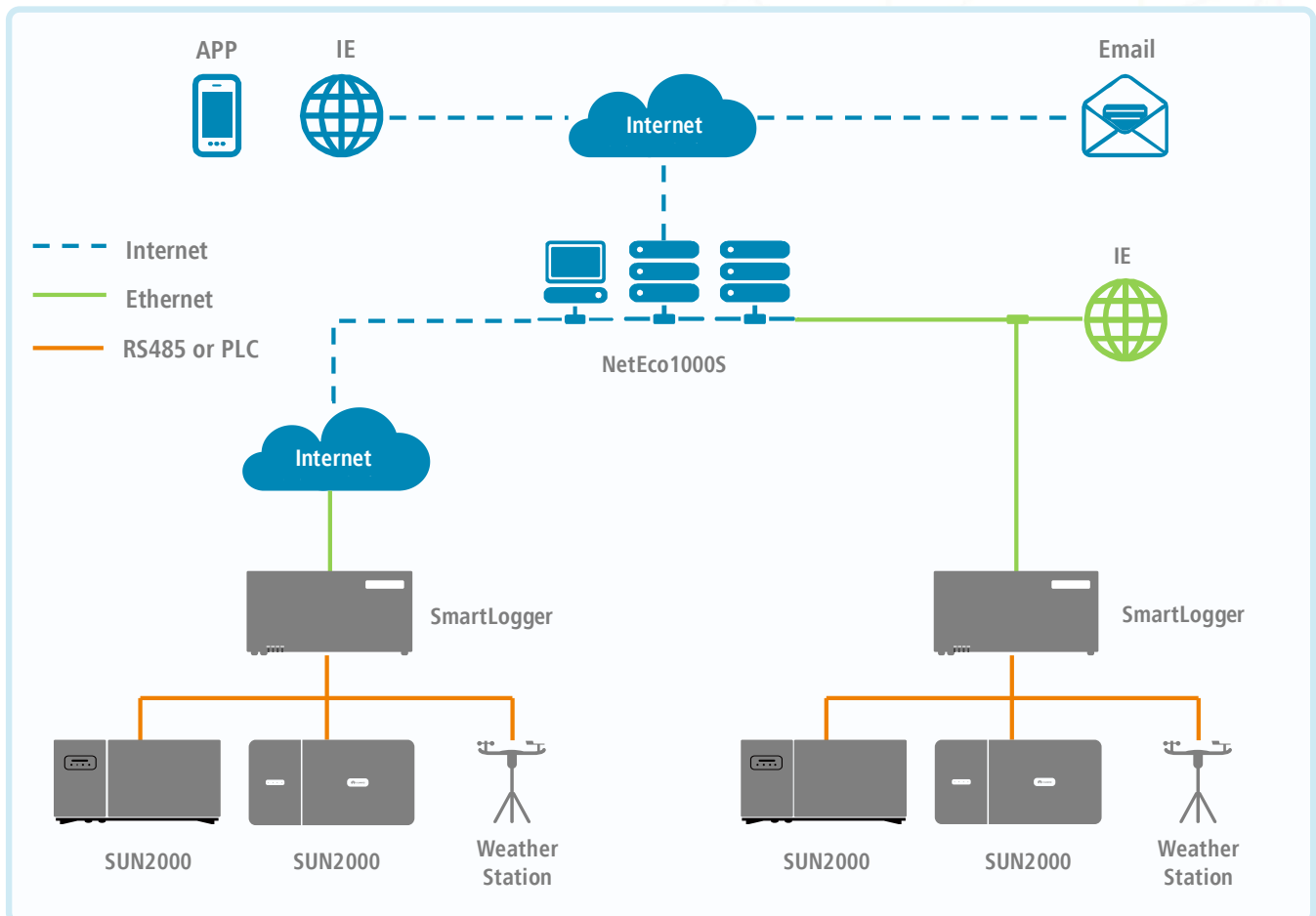
Simple

- One-click installation on PC
- Fault alarms via SMS and E-mail

Reliable

- Hierarchical management
- Up to 25 years data storage

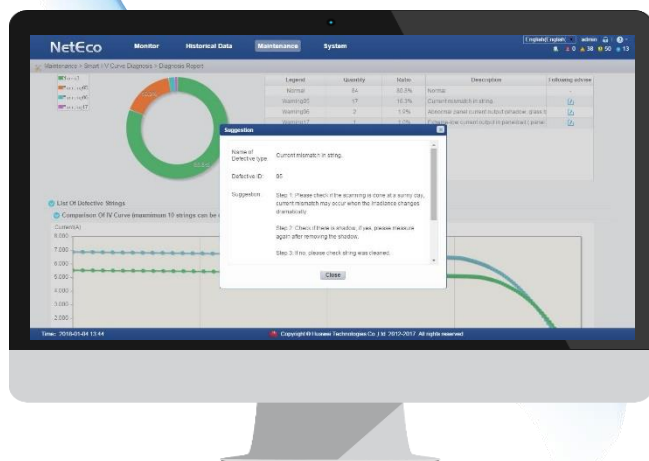
Network Structure



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Smart I-V Curve Diagnosis

Smart I-V Curve Diagnosis is based on string I-V curve pattern analysis with advanced diagnosis algorithm, conducting PV plant complete string I-V curve analysis. The online scanning and analysis can help in achieving higher O&M efficiency, proactive maintenance and lower operation cost.

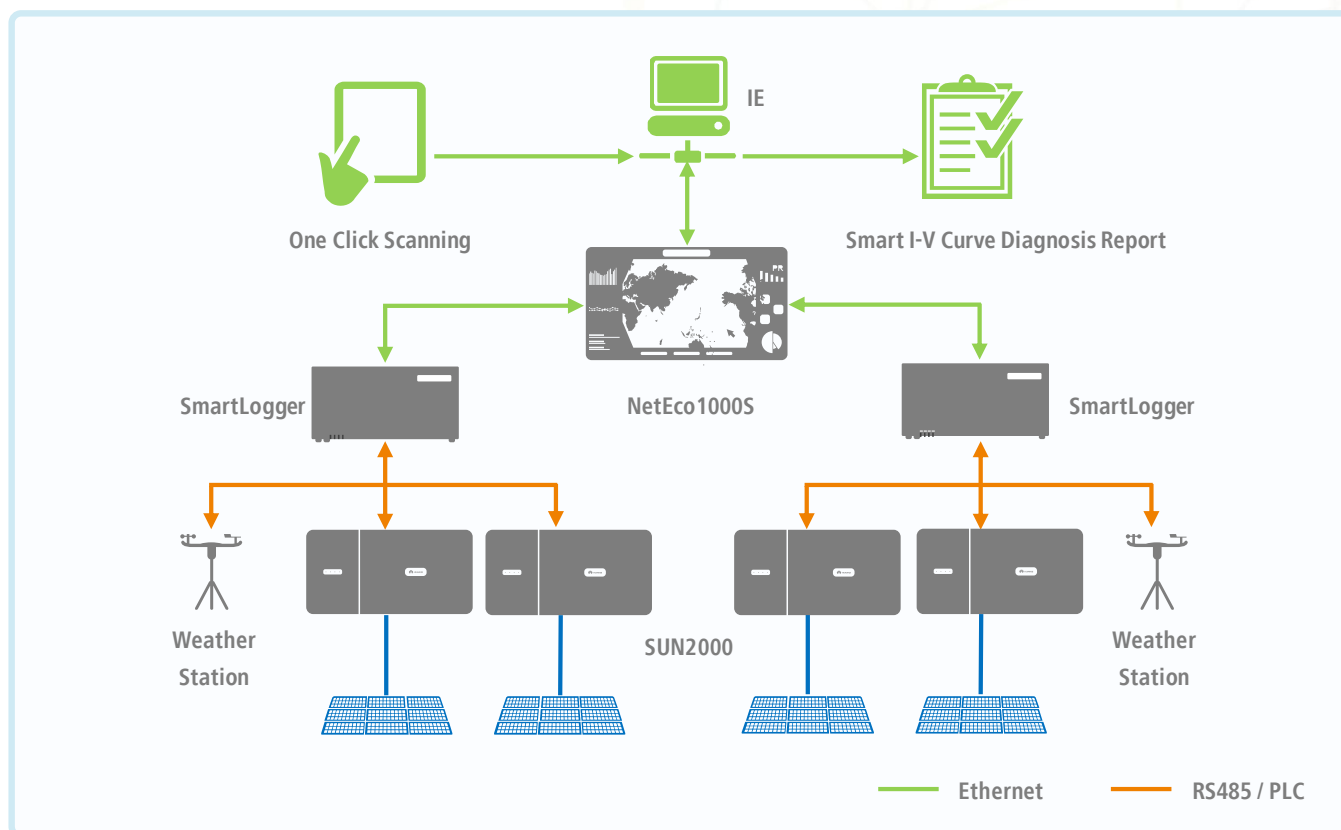


Smart

- Supports plant-level, array-level or inverter-level I-V curve analysis and diagnoses
- Identifies module faults with automatic report generation

Efficient

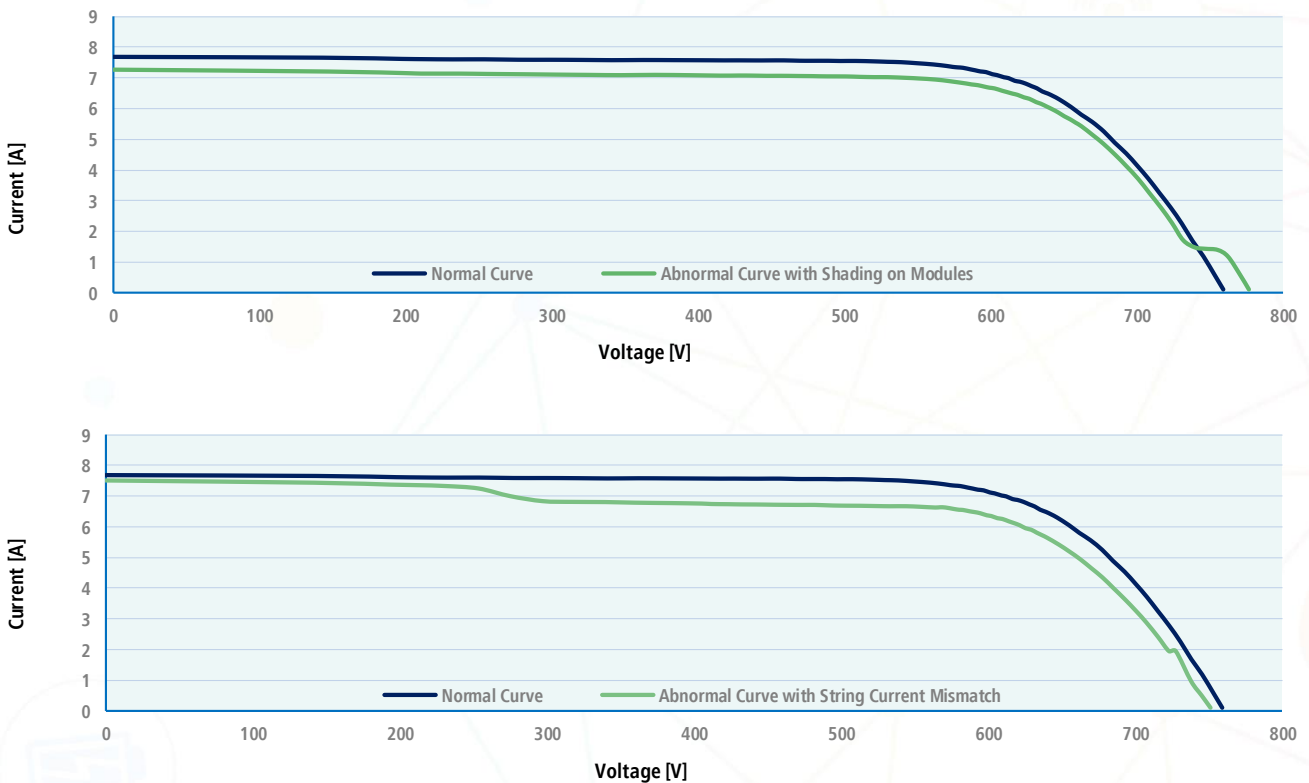
- One click scanning without onsite experts or equipment
- Online I-V curve scanning on entire strings of 5 MW within 4 ~ 5min
- Automatic report generation of 5 MW within 10 ~ 15min



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Technical Specifications	Smart I-V Curve Diagnosis
	Configuration
Smart PV Inverter	SUN2000-36KTL and new version
Data Logger	SmartLogger2000, SmartLogger1000
Management System	FusionSolar Smart PV Management System, NetEco1000S
	Performance
Scanning Time	< 1s
Sampling Points per I-V Curve	128
Voltage Accuracy	0.5%rdg. + 1dgt. (rdg.>5, dgt.=0.3)
Current Accuracy	0.5%rdg. + 2dgt. (rdg.>0.3, dgt.=0.006)
TÜVRheinland® Smart I-V Curve Diagnosis is TUV Verified	
String-level Management	Smart I-V Curve Diagnosis
<p>Real time monitoring</p>	<p>Fault Analysis</p>

String I-V Curve Comparison



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