

# NetEco1000S



## Smart

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

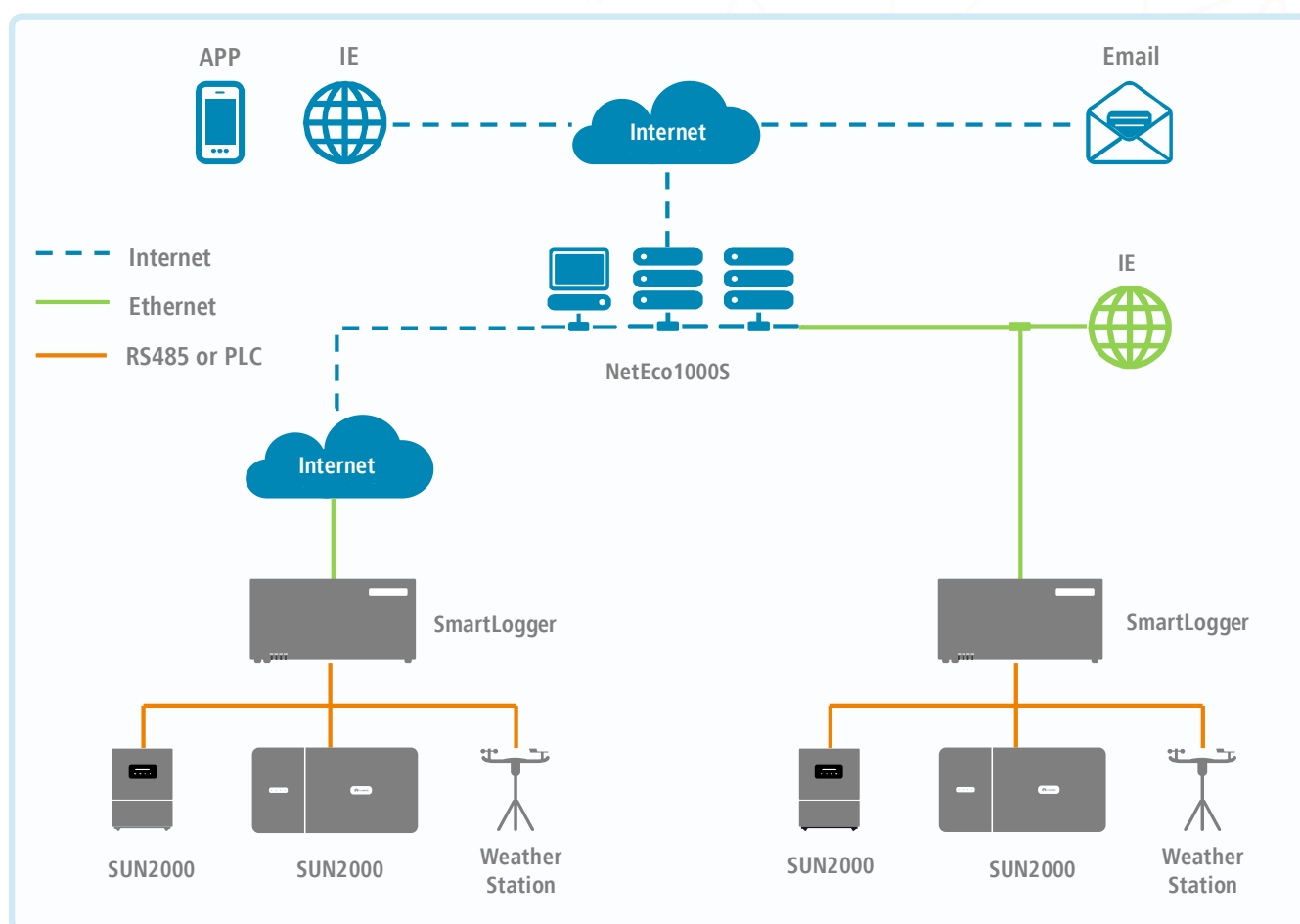
## Simple

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

## Reliable

- Hierarchical management
- Up to 25 years data storage

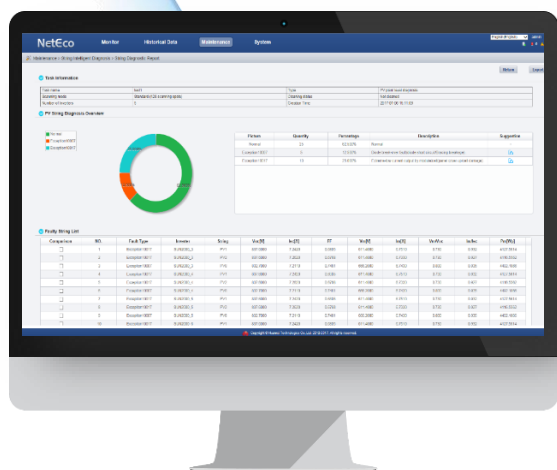
## Network Structure



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# Smart I-V Curve Diagnosis

**Smart I-V Curve Diagnosis** is 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 and malfunction, which would help to achieve proactive maintenance, higher O&M efficiency and lower operation cost.

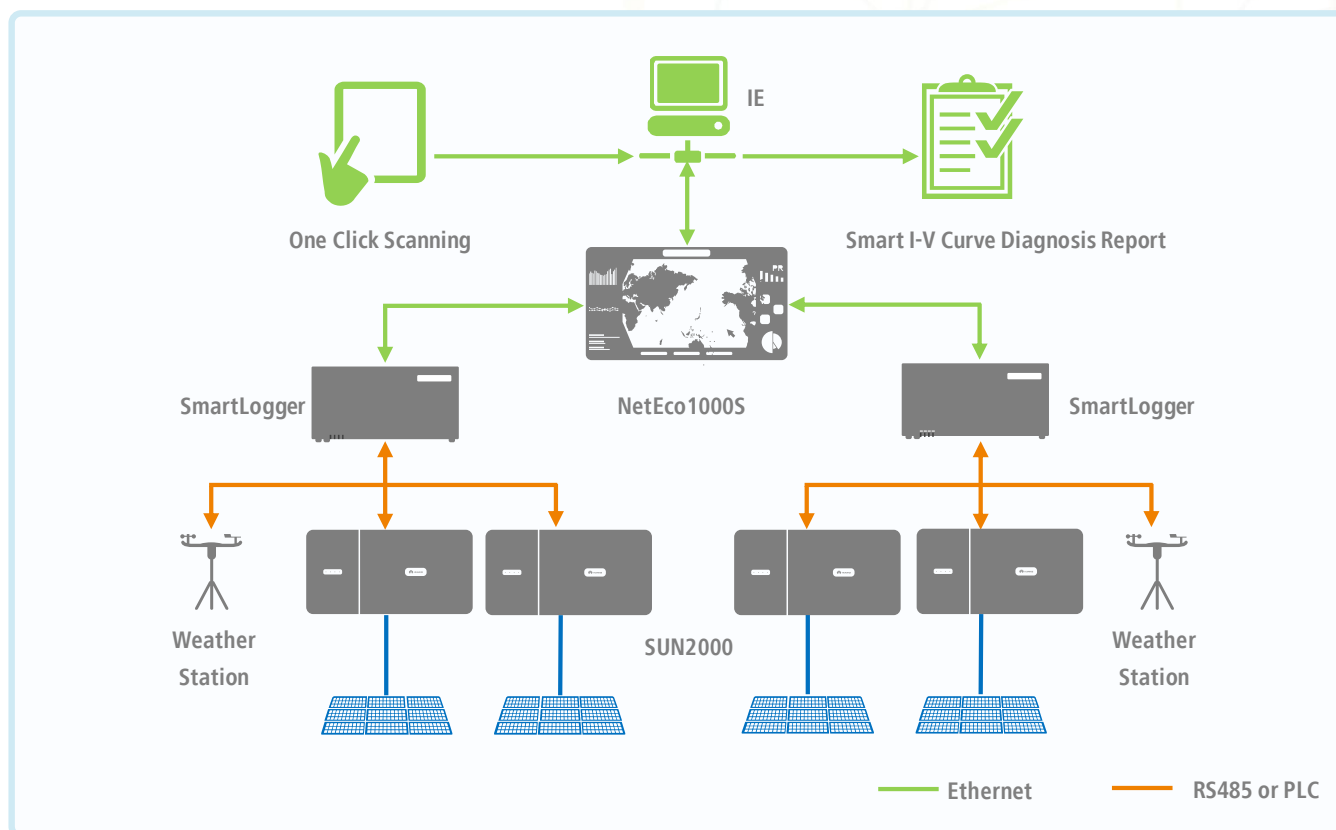


## Smart

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

## Efficient

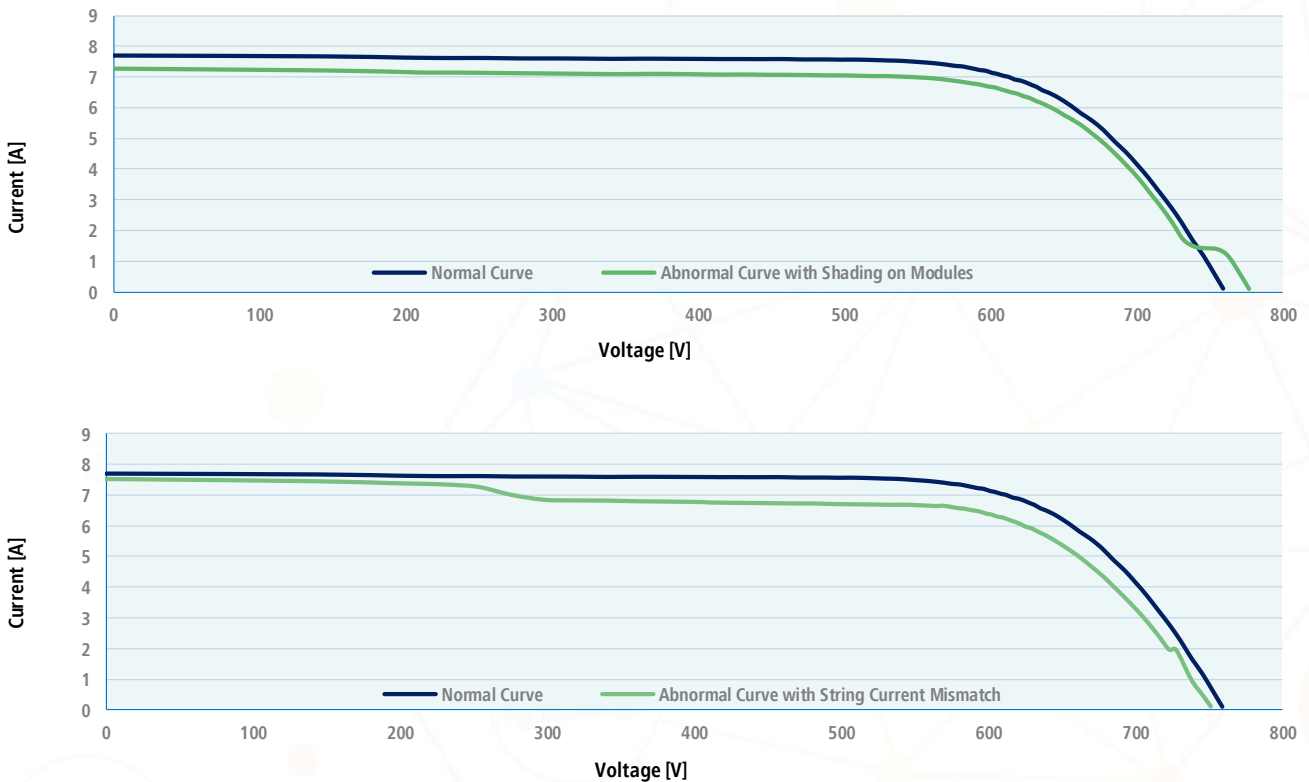
- One-click scanning without onsite experts or equipment
- Online I-V curve scanning on entire strings of 5 MW plant within 5min
- Automatic report generation of 5 MW plant within 15min



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Technical Specifications	Smart I-V Curve Diagnosis
	<b>Configuration</b>
Smart PV Inverter	SUN2000V2R2 Series or later
Data Logger	SmartLogger1000, SmartLogger2000
Management System	FusionSolar Smart PV Management System, NetEco1000S
	<b>Performance</b>
Scanning Time	< 1 s
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)
<b>Smart I-V Curve Diagnosis is TUV Verified</b>	
<b>String-level Management</b>	<b>Smart I-V Curve Diagnosis</b>
<p>Real time monitoring</p>	<p>Fault Analysis</p>

## String I-V Curve Comparison



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