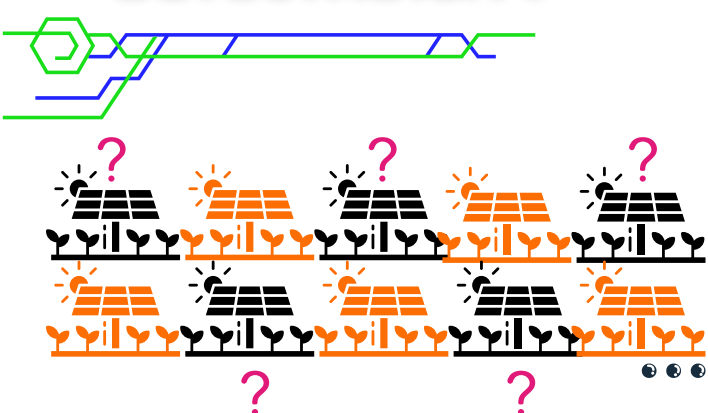


# PHOTOVOLTAICS 4.0

## 1 Clever Dx per PV module?

THE ONLY WAY OF KNOWING WHAT HAPPENS TO A FULL PV PLANT IS TO DIAGNOSE EACH AND EVERY PV MODULE

### DETECTABILITY



If we have 100 modules and we only put a Clever Dx in half of them, there are **50% UNCERTAINTY**. What is happening to the rest of the modules?

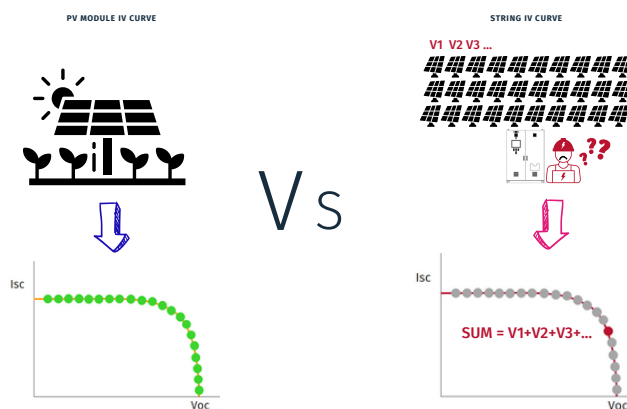
### 100% PLANT DIAGNOSE



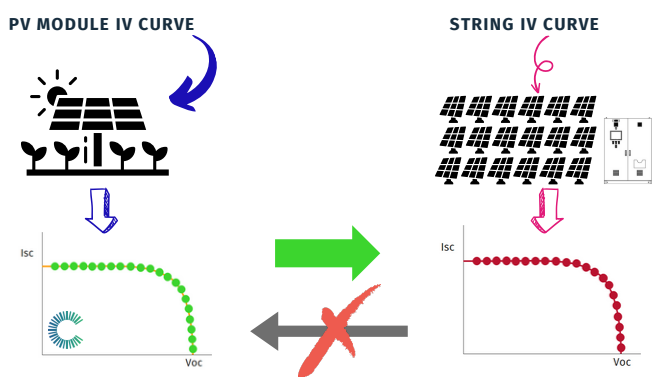
1 Clever Dx device in each module provides full plant diagnose, continuously, with the most quality data (the IV curves). 100% of faulty PV modules detected remotely.

### ACCURACY

Monitoring at String level do not provide full information about the issues in the plant and always requires a manual inspection to find the problems. String measurements are the aggregation of all the production points of each PV modules attached to it. One measure mixes good and bad modules.



### GRANULARITY



With the IV Curve at PV module level you can extract the IV Curve at String level BUT NOT the other way around! Only with the IV Curve at String level you don't know what is happening to each PV module and manual intervention to find the problem is required.

## 1 DEVICE PER MODULE PROVIDES:



Which modules are failing ✓

What is the type of failure ✓

Where are they within the plant ✓

IN JUST 3-CLICKS! ✓