



# PVI MODULES

⊛ REPAIR ⊘

⊘ REFURBISH ⊛

⊛ SWAP ⊘

**AURORA  
POWER-ONE**

**ABB**

**FIMER**

# CIRCULAR INVERTER STRATEGY

## PVI Modules Continuity Solutions



Today it's possible to manage your **POWER ONE central PVI** with a different approach, based on **PVI Modules Repair, Refurb & Swap Solutions**.

**Repair instead replace** make sense both from an economic and environmental point of view; it's **cheaper, faster** and **reliable**.

With value added solutions such as **Advanced Swap**, moreover, you can **maximize inverter availability** when faults arise.

Forget to replace your **POWER ONE central**, now you've got a **different option: Repair, Refurb & Swap** your **PVI modules!**

**1.200** Pcs REPAIRED

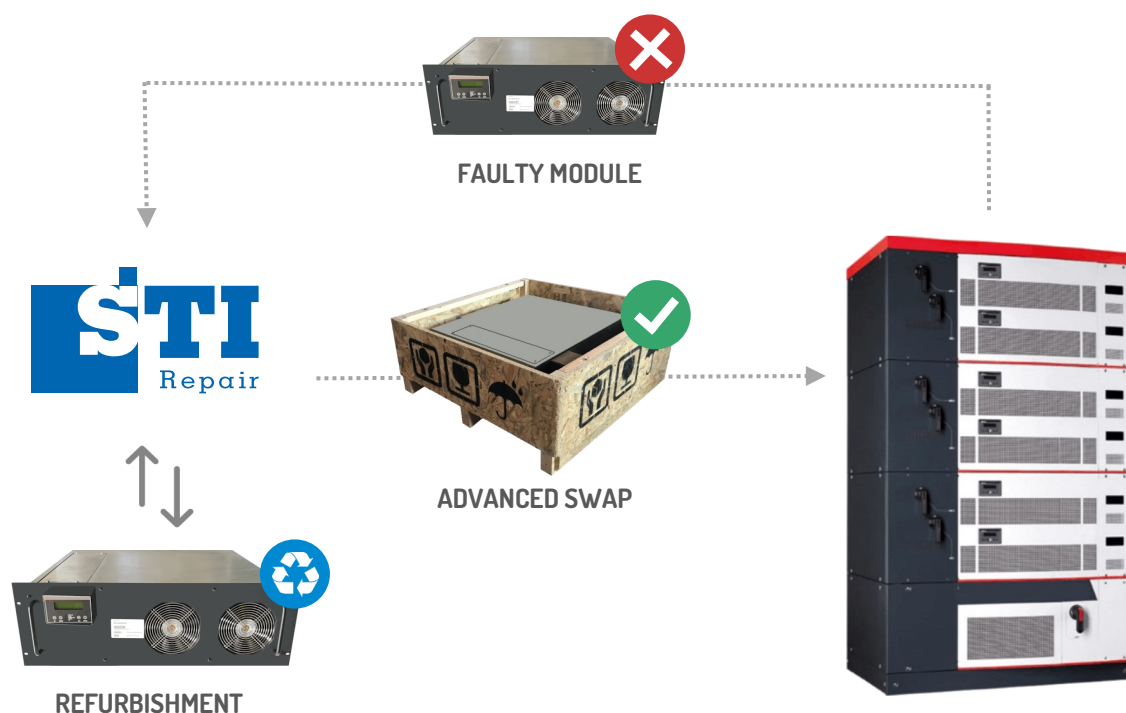
**99,6%** REPAIRABILITY RATE

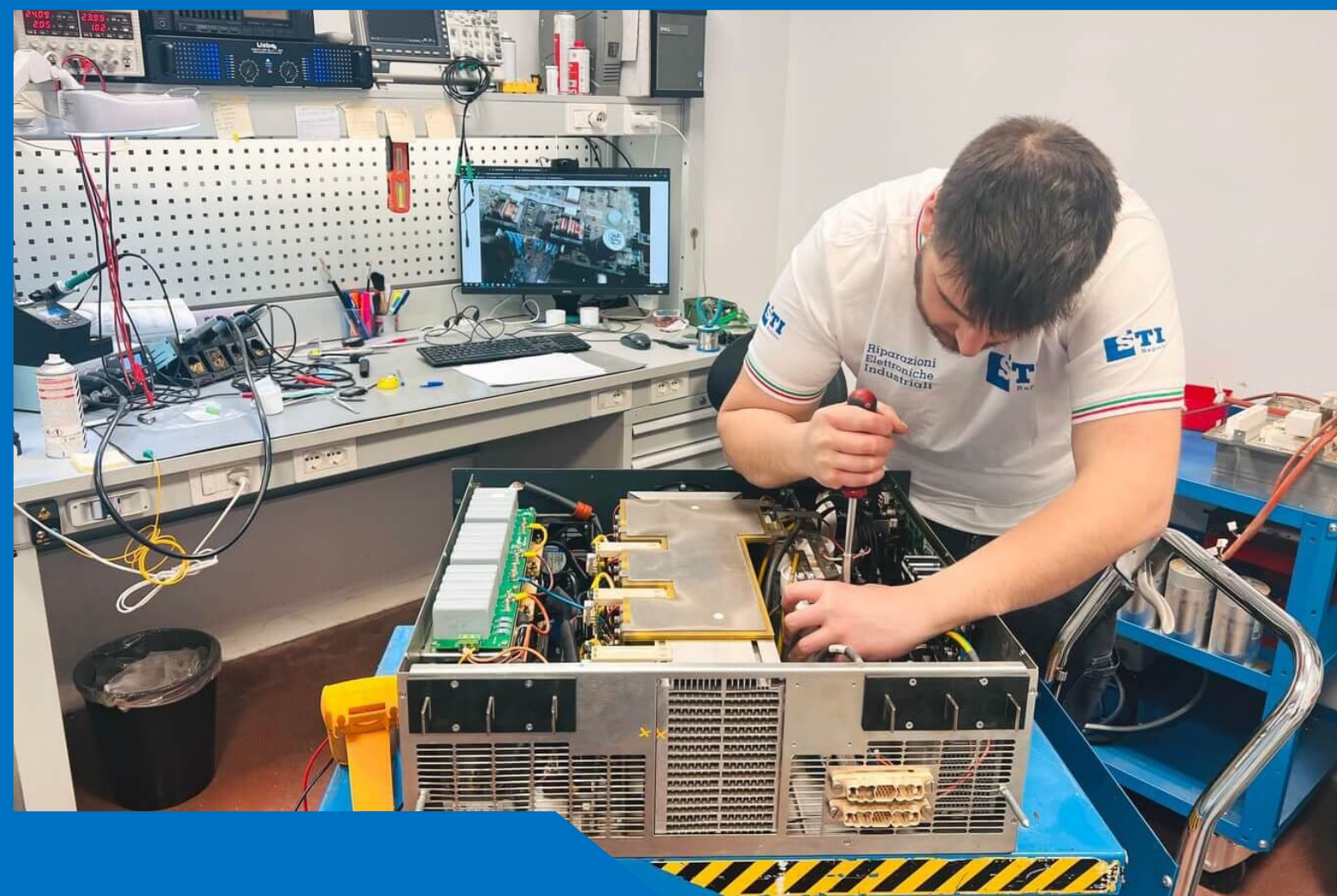
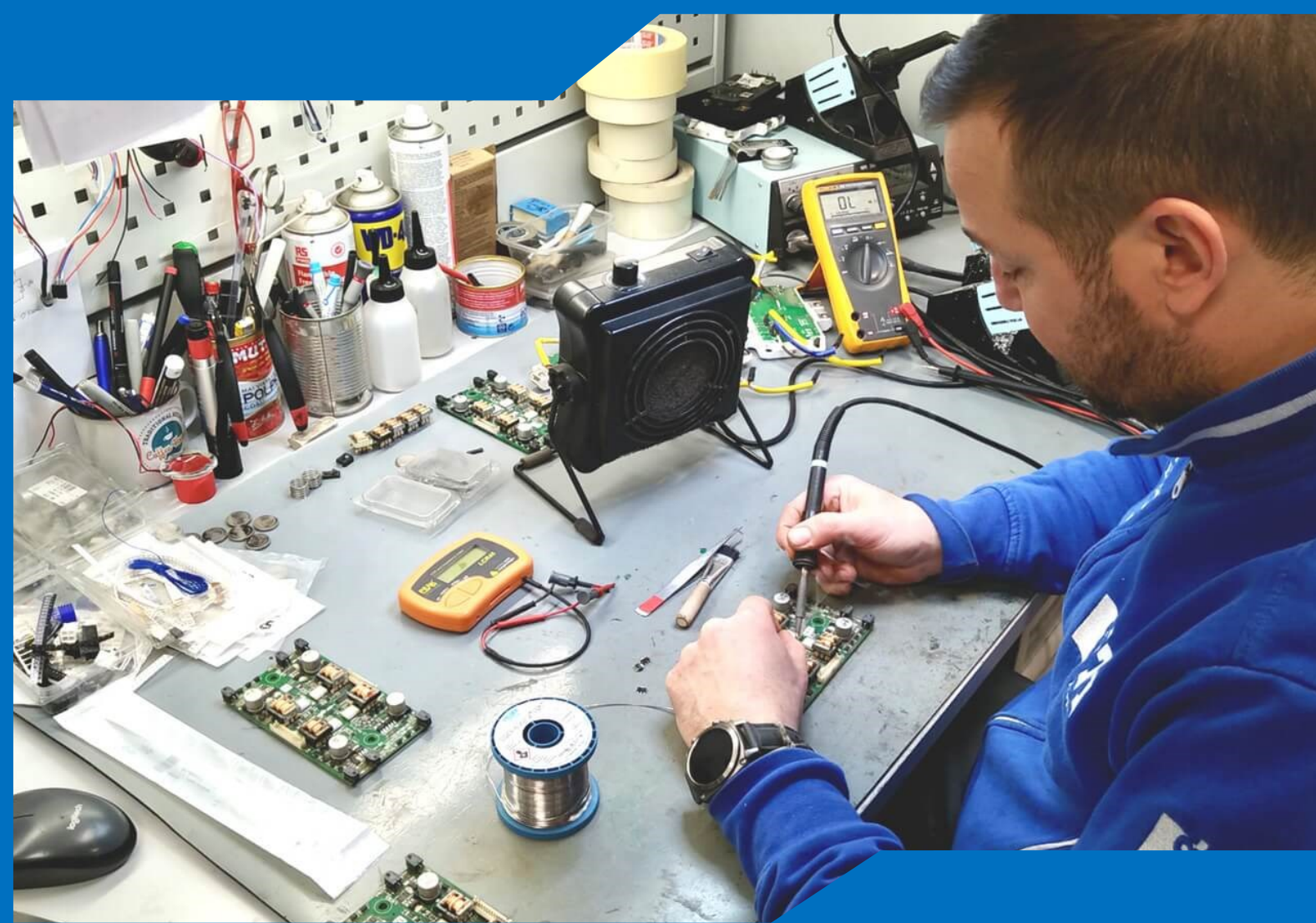
**1,83%** WARRANTY CLAIMS

Based on Internal database - STI

## How Circular Inverter Strategy Works

A faulty PVI Module will be quickly switched with a refurbished one to minimize downtime and restore central inverter full availability; damaged part will be refurbished in LAB and get ready for next round.





# REFURBISHMENT

## New life for Your PVI MODULE.



Refurbishment is a **preventive maintenance technique** aimed to extend solar inverters lifespan.

**POWER-ONE PVI MODULES** refurbishment consist in converter's main component overhaul/replacement, such as IGBTs, Capacitors, Fans, etc. to bring back solar inverter at its own original performance.

Decide to switch from a classic **"linear"** approach to a **"circular"** one allow to **minimize downtime**, dramatically **increase availability rate** and **maximize plant energy yield**.

**60%** COST SAVING  
AGAINST NEW ONE

**50%** DOWNTIME  
REDUCTION

**25%** PRODUCTIVITY  
IMPROVEMENT

Based on Internal database - STI

**"Every Kilowatt-Hour un-produced is forever lost".**

### Check List: REPAIR Vs REFURBISHMENT

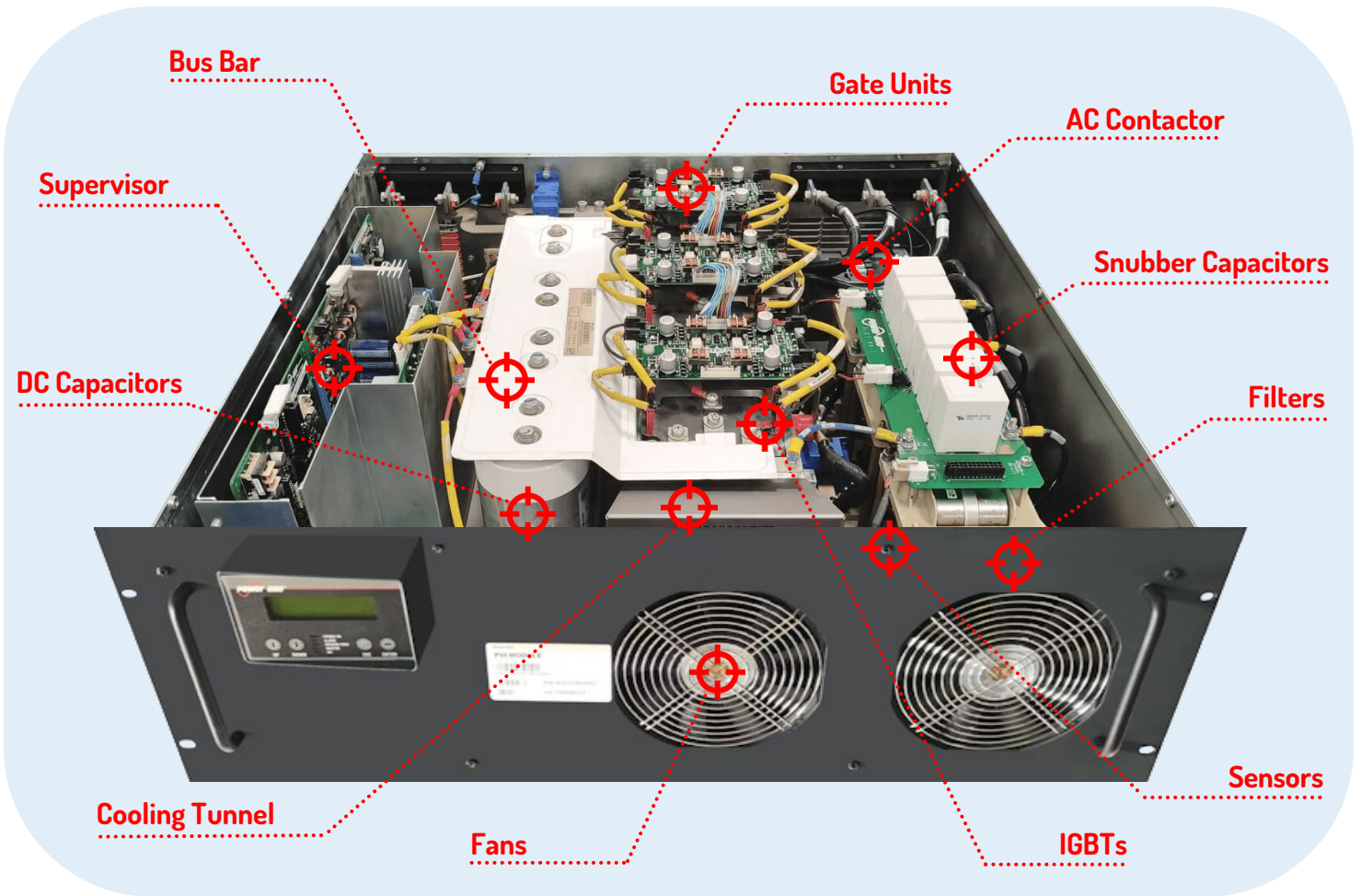
	REPAIR	REFURB
Diagnosis & Troubleshooting	✓	✓
IGBTs thermal dissipation restoration	—	✓
Faulty Component Replacement	✓	✓
DC Link Capacitors Replacement	—	✓
SNUBBER Capacitors Replacement	—	✓
AC Contactor Replacement	—	✓
Cleaning	✓	✓
PCBs Overhaul & Tropicalization	—	✓
Fans Replacement & Filters Overhaul	—	✓
Full Test (Bespoke Ring)	✓	✓

**12**  
MONTHS  
WARRANTY

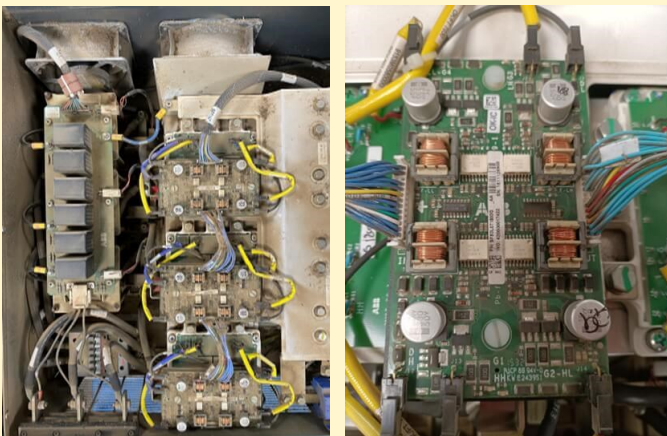
**24**  
MONTHS  
WARRANTY

# POWER-ONE PVI MODULE REFURB

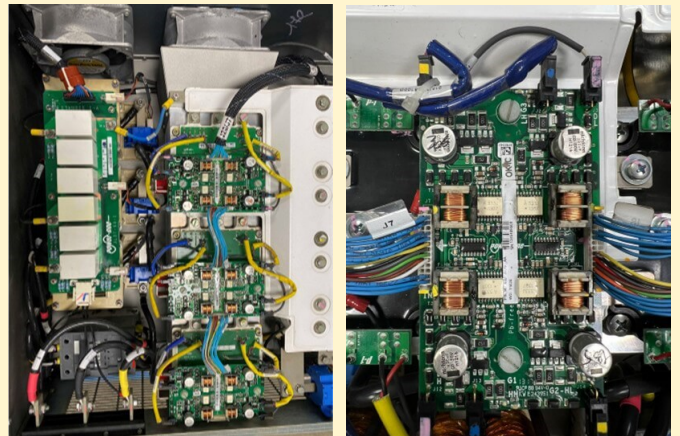
## Target Main Components



**BEFORE**



**AFTER**





**PRODUCED BY ANYONE,  
REPAIRED BY US.**

**STI s.r.l.**

**HEADQUARTER**

**Via dell'Artigianato IV Traversa, 5 · 63076 Monteprandone (AP) · Italy**

**P.IVA 01515300448**

**[www.stirepair.com](http://www.stirepair.com)**