SVG

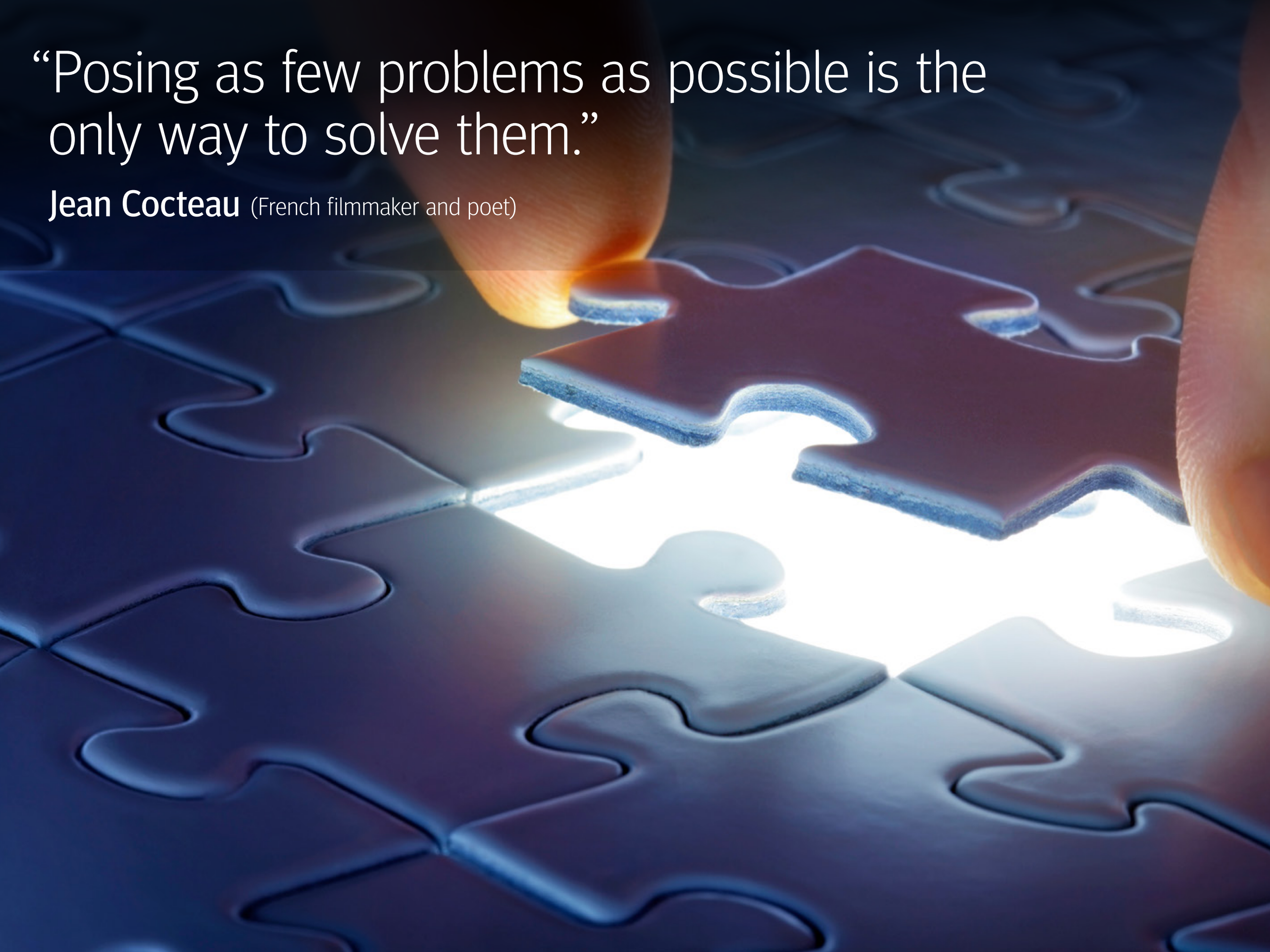
Static Var Generator

The most versatile compensation system

CIRCUTOR

SVG

Static Var Generator



“Posing as few problems as possible is the only way to solve them.”

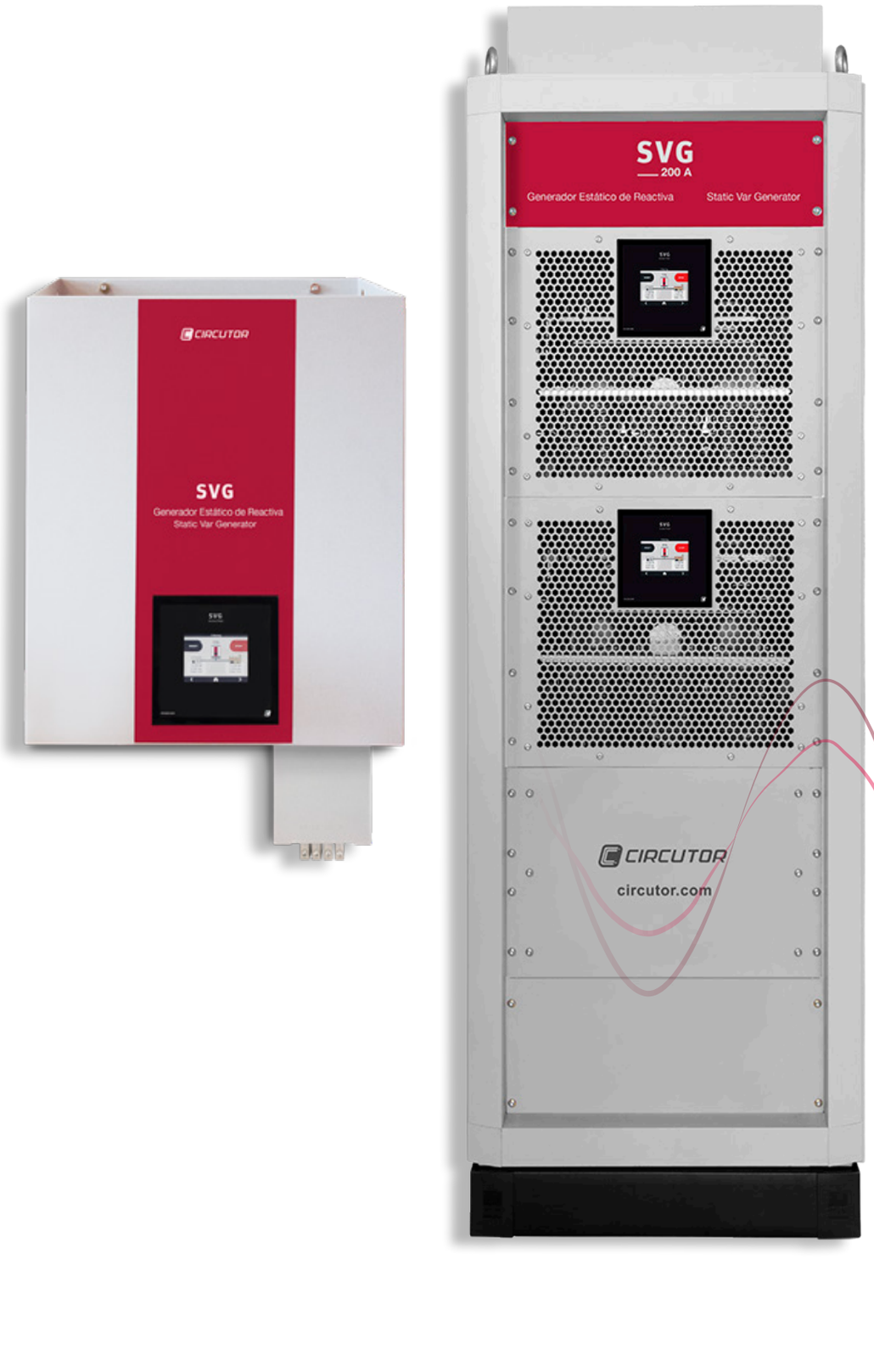
Jean Cocteau (French filmmaker and poet)

Penalty problems?

There are very specific cases where conventional systems are unable to compensate all reactive energy.

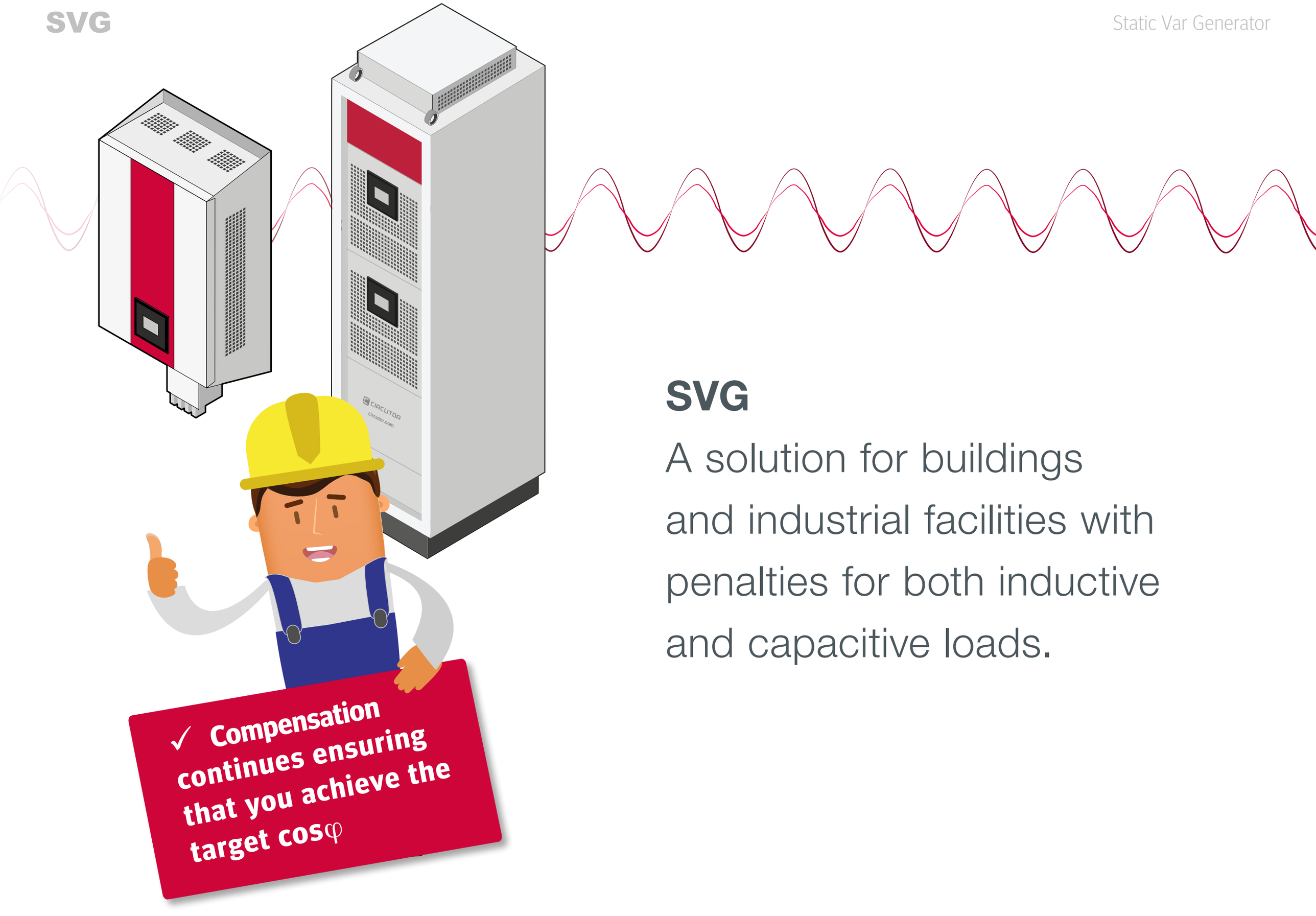
Penalties on the energy bill

Systems capable of performing instant and modular compensation are required to resolve this problem.



A solution:

SVG



SVG

A solution for buildings and industrial facilities with penalties for both inductive and capacitive loads.

Benefits

cosφ=0,8

S=50 kVA
Q=30 kVAr
P=40 kW

TARGET
cosφ=1

S=40 kVA
Q=0 kVAr
P=40 kW

0 penalty for reactive power

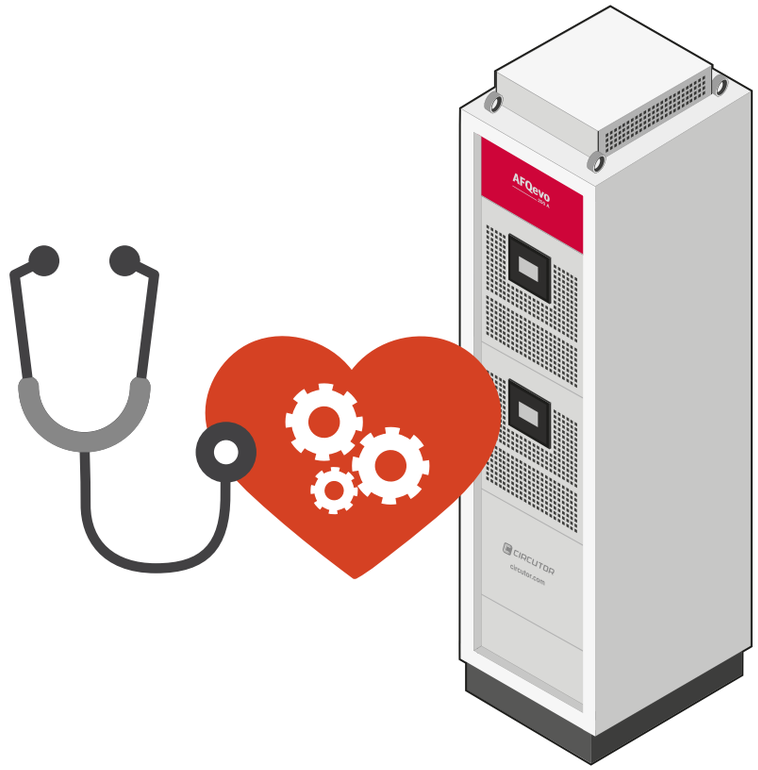
Reduces reactive power, always ensuring that the cosφ cos is achieved, both for inductive and capacitive loads.

Instant compensation

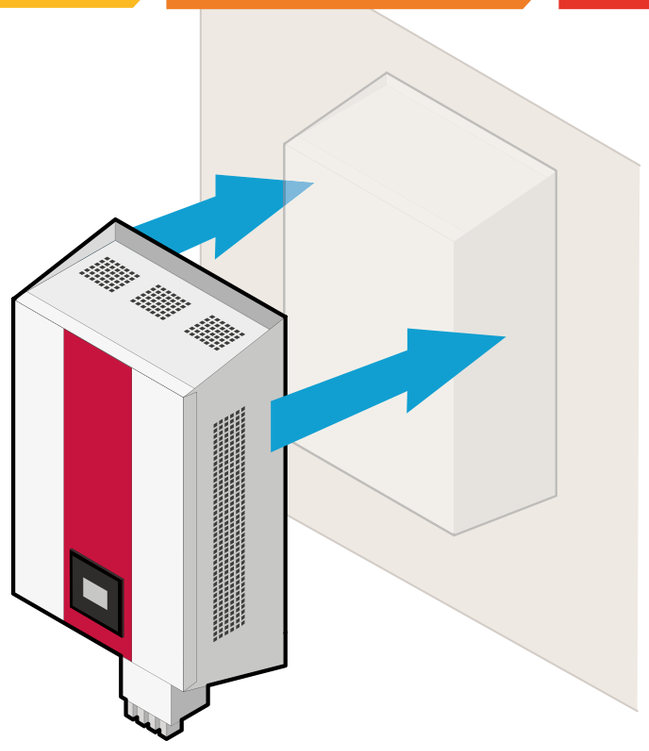
Response time below 20 ms, offering highly efficient operation thanks to the development of IGBT technology.

Minimal maintenance

It has no electromechanical components, so no spare parts are required.



CONNECT SET UP START

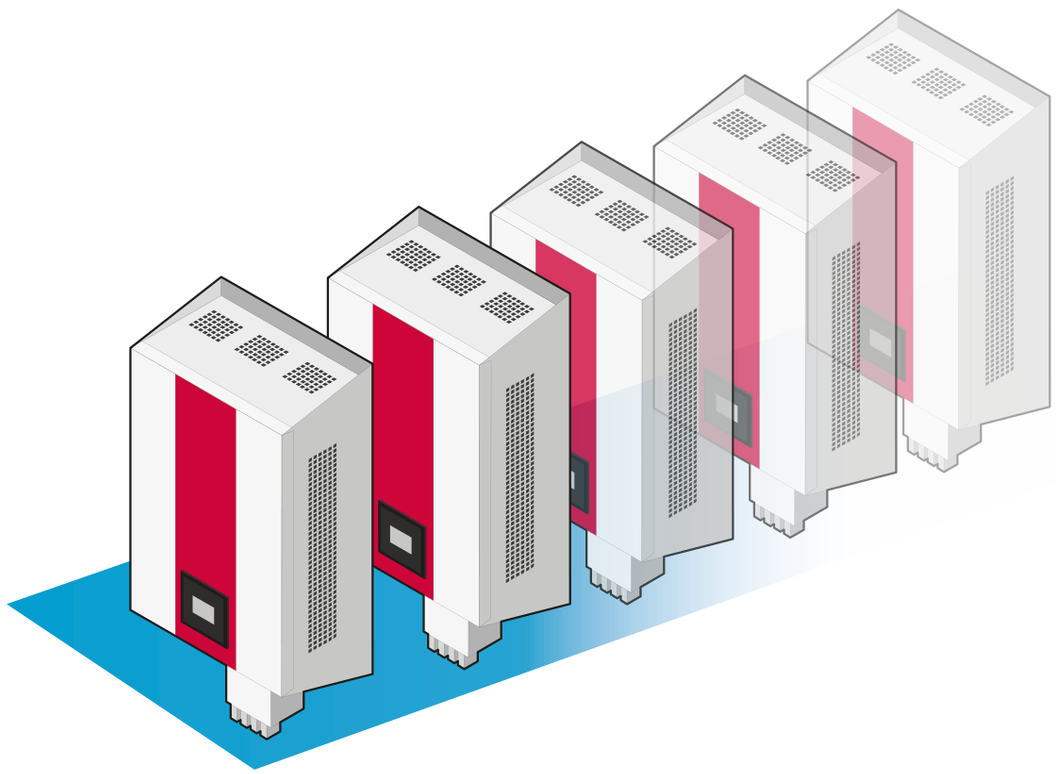


Auto-diagnosis

Internal
auto-diagnosis system during start-up, guaranteeing the correct operation of the system.

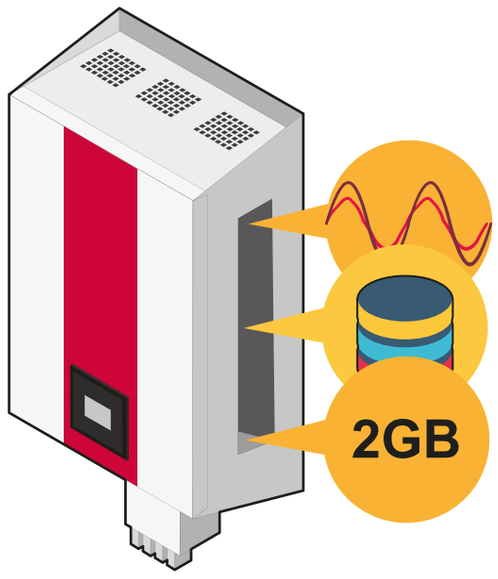
Easier to install

› Start-up the unit in only 3 steps.
› Wall-mounted installation.



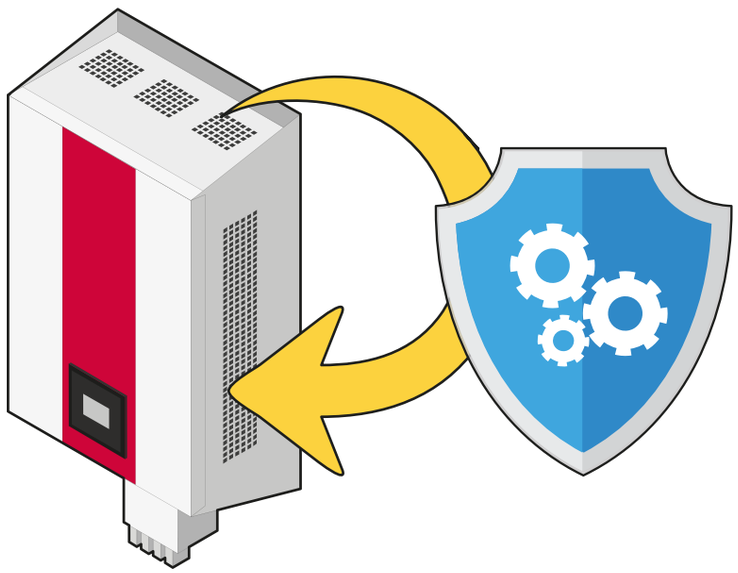
Expandable

Parallel installation of up to 100 filters.



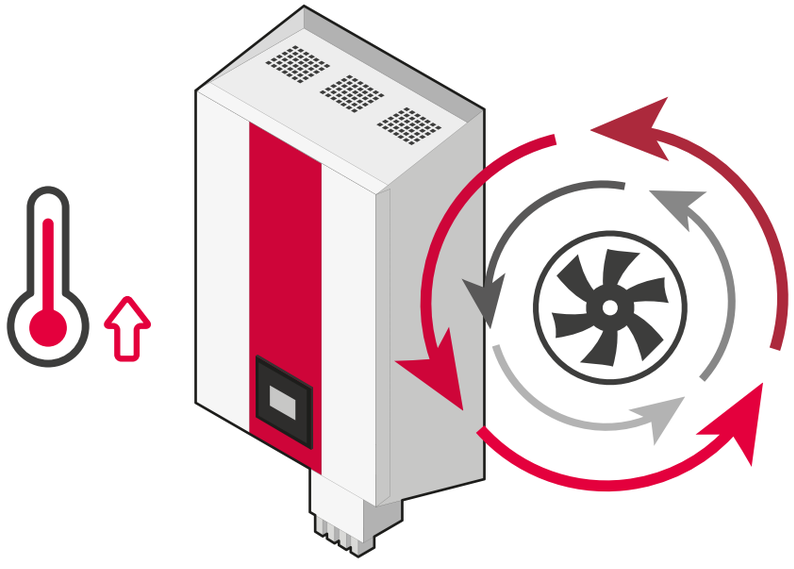
Datalogger

2 gb internal memory to record the load curve.



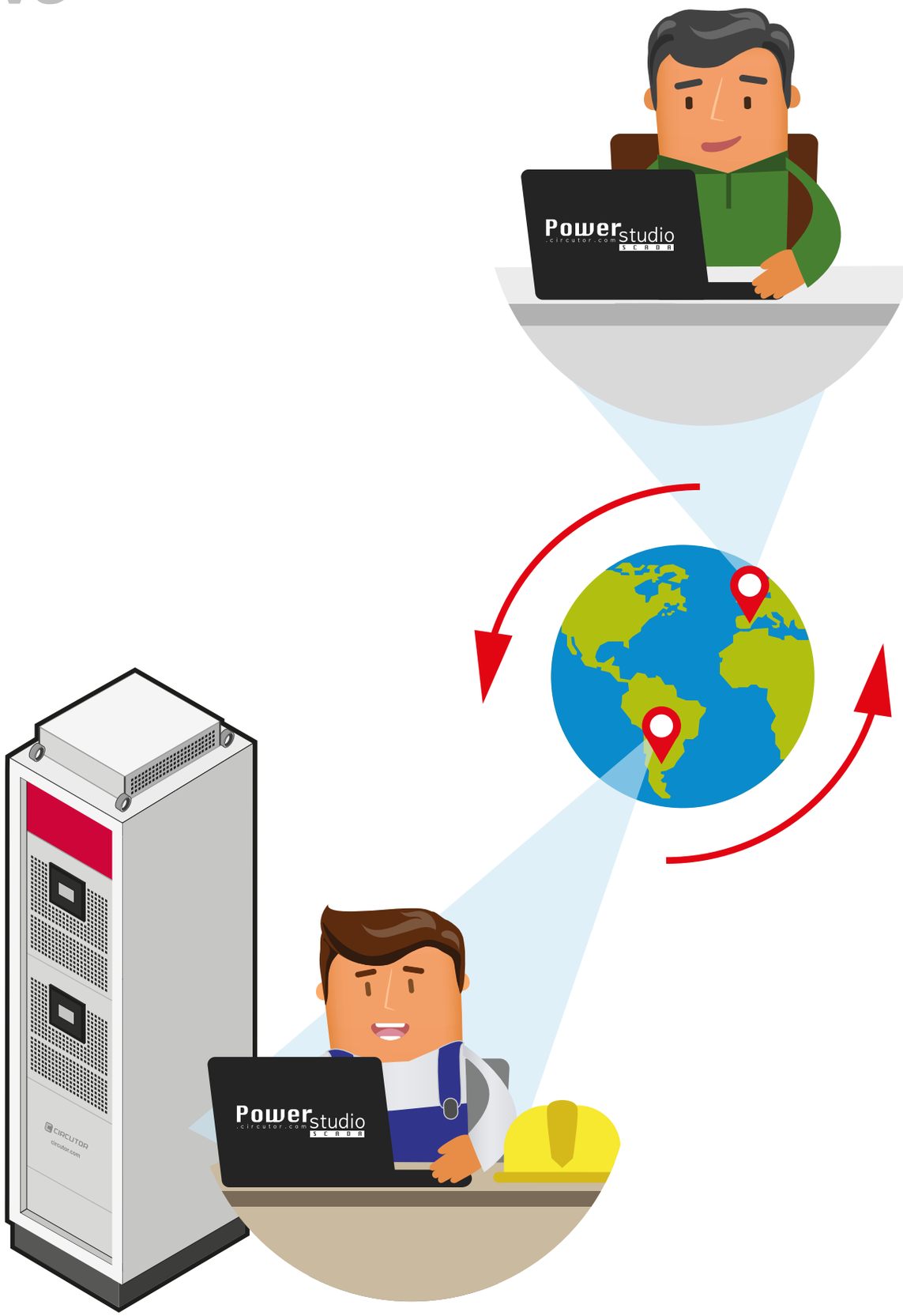
Installation safety

› Secure firmware.
› The system operates in Safe Mode if a fault is detected.



Smart thermal management system

› It adjusts the turning speeds of its fans.
› Maximum functionality.
› Preventive maintenance.



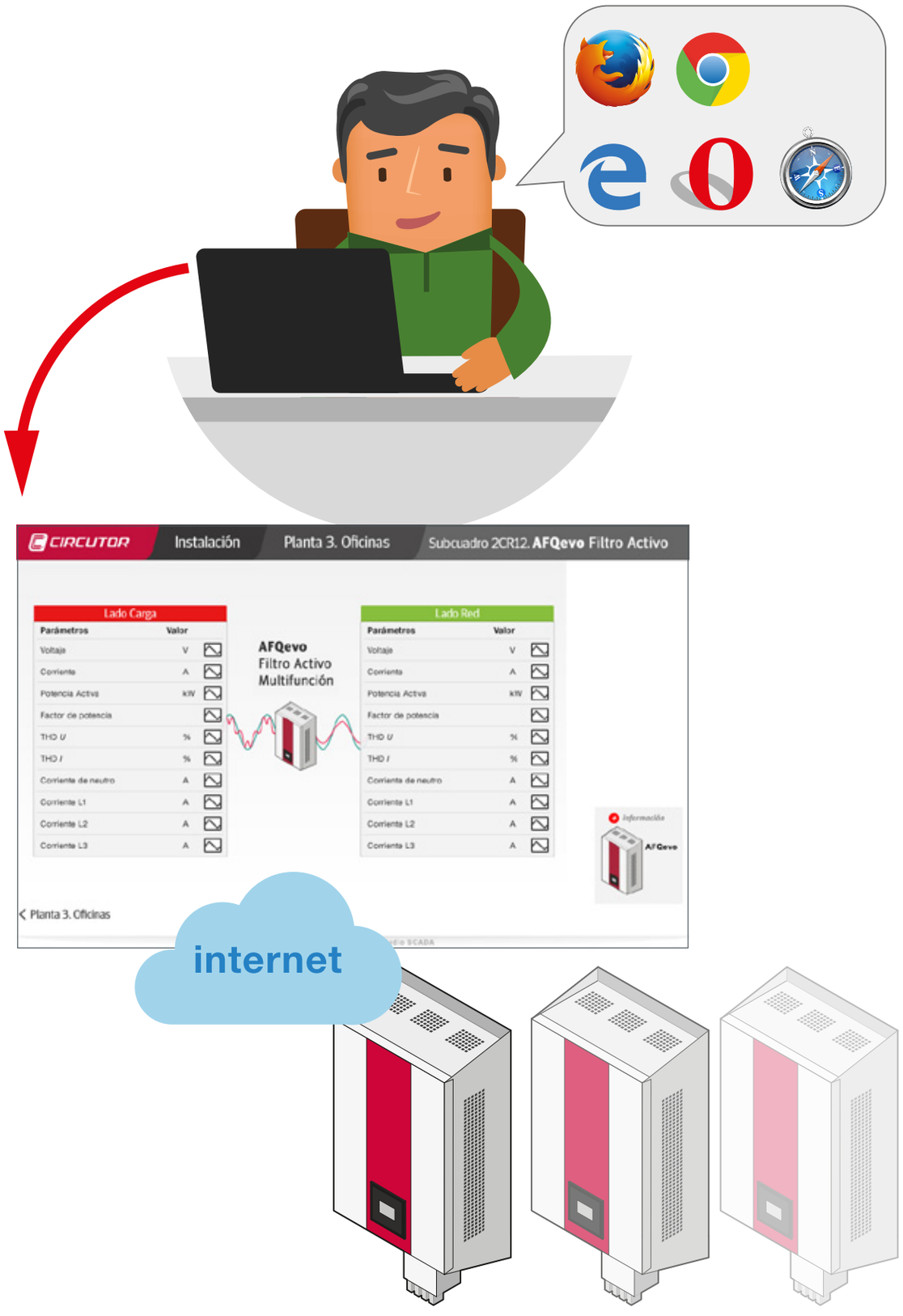
Remote verification

› Remote access to perform online diagnosis tasks.

Built-in web server

› Online monitoring of instantaneous parameters

› Download data with no need to use a software application.



Energy management via communication systems.

› Connection via Modbus RTU protocol.

Connectivity

› View data in real time.

Avoids surprises on the energy bill

SVG

Easy to install, achieving the maximum performance after start-up.

» SVG 30 kVAr

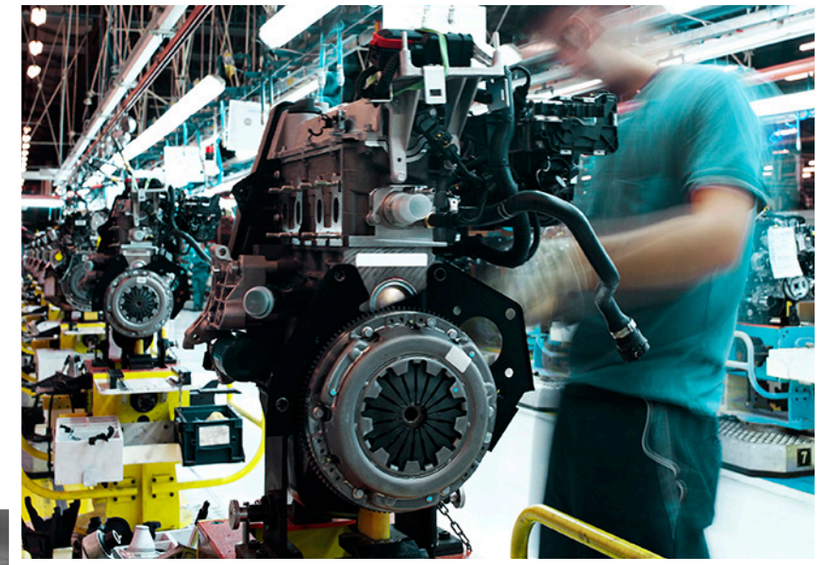
» SVG 30 kVAr
with EMI filter

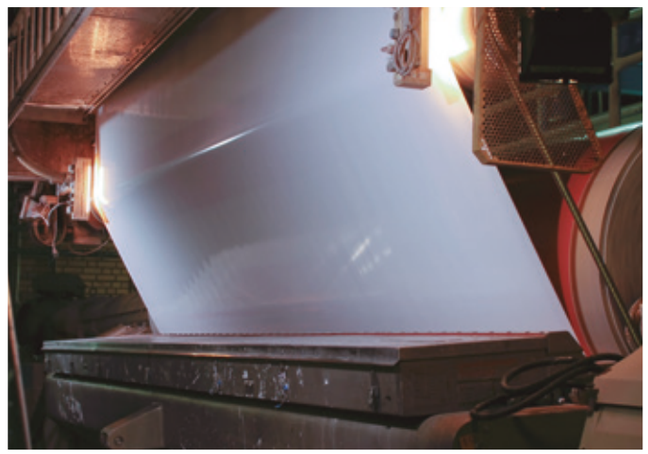
» SVG 100 kVAr

» SVG 200 kVAr

Applications

Automotive plants, cranes, lifts, welding kits, pulp and paper industries, hospitals, airports and infrastructures, data centres, etc.





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