

A photograph of a mountain range, likely the Matterhorn, with a strong orange-red color overlay. The text "Studer General Presentation" is centered in white at the bottom of the image.

Studer General Presentation



About us



+1.5 GW installed power in renewable energy applications around the world



Present in more than **150** countries with a **120+** network of Studer partners



100% manufactured in Switzerland using **100%** renewable energy.



More than **30 years** manufacturing power electronics for battery systems



35% of human resources dedicated to R&D



35% of human resources dedicated to R&D



More than 30 years manufacturing power electronics for battery systems

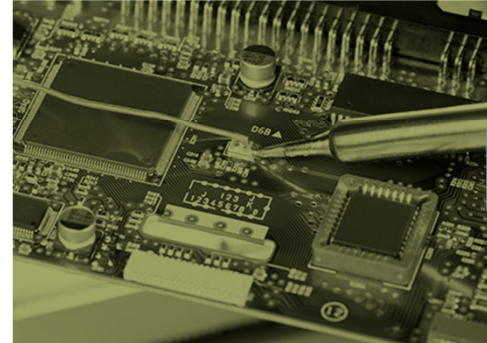


100% manufactured in Switzerland using 100% renewable energy.

Design



Manufacturing



Test & quality control

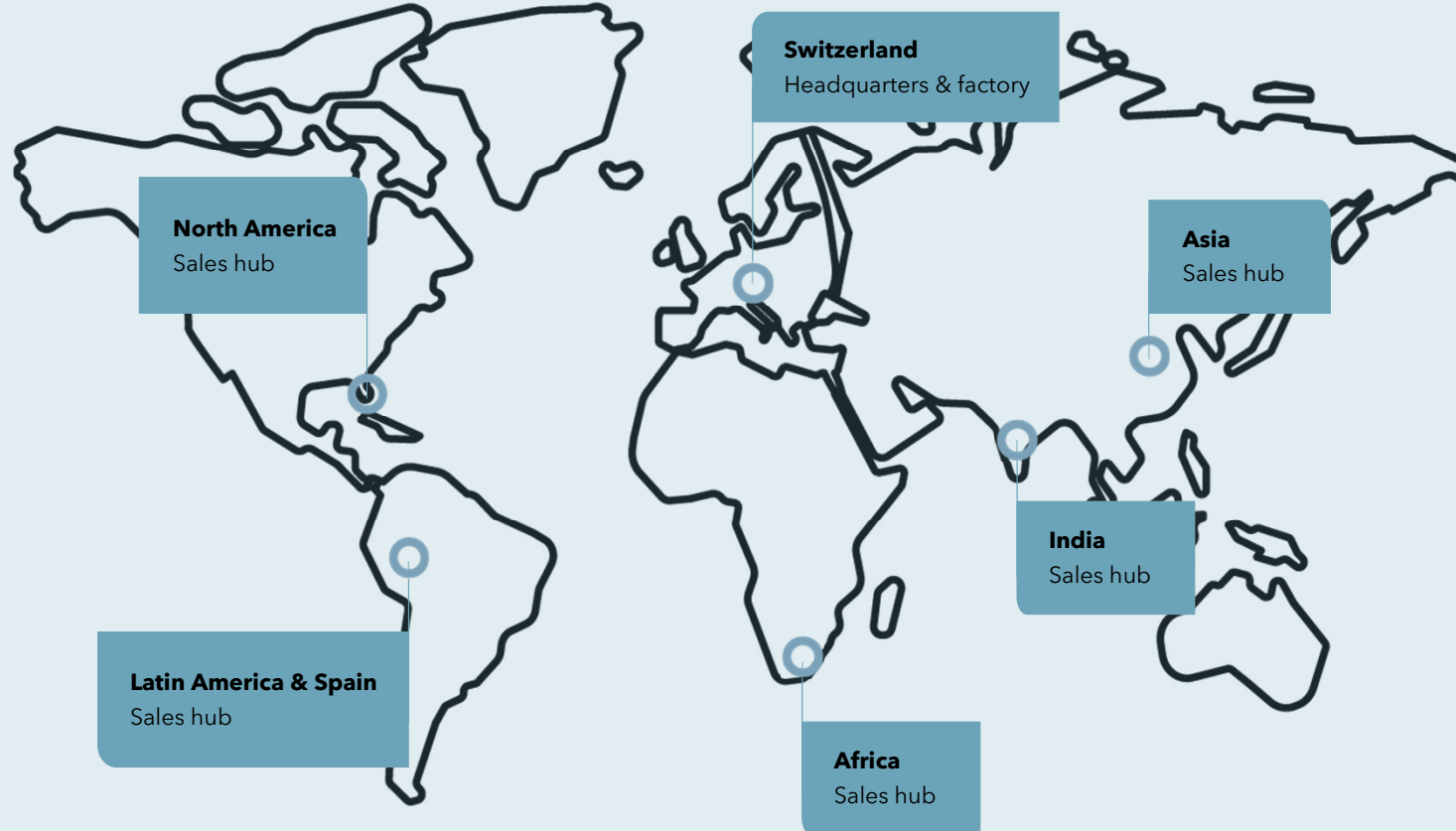


Full process in our factory in Sion



Worldwide network

Present in more than 150 countries with a 120+ network of Studer partners





+1.5 GW installed power in renewable energy applications around the world

Where there is nothing



Off-grid installation at Bora Bora island in Nicaragua



Stand-alone energy systems at lodges in Kruger National Park, South Africa

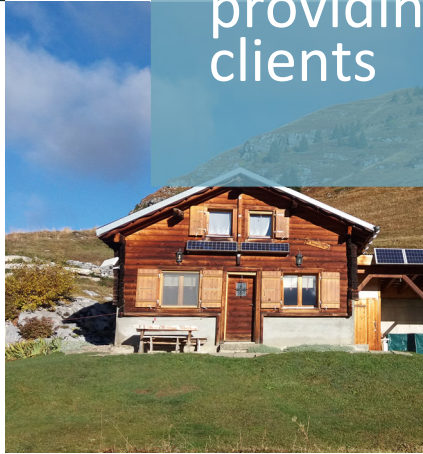
High-altitude installation at the Capanna Gnifetti mountain hut in the Italian alps



Our mission



Contribute towards a sustainable energy for all & design reliable products for having a long lifetime and providing peace of mind to our clients



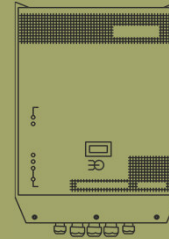
Company history

1987

The beginning: Studer is founded by Roland Studer

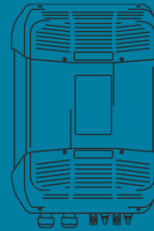
1995

TwinPower
First sine wave inverter



2013

VarioString
First High Voltage MPPT solar charge controller



1998

Compact
First inverter charger still produced



10
years

2018

10 year Warranty for all our products: AJ, Xtender & Vario series.

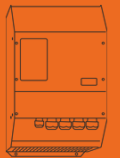


2014

Winner of the International Solar Award

2007

First Xtender multi-unit system



2021

?



2013

Studer opens a sales office in **Bangalore, India**



swiss made power

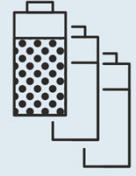
10 year warranty



Energy sources



Battery storage



Power electronics
Studer products, energy management – key issue



Renewable sources

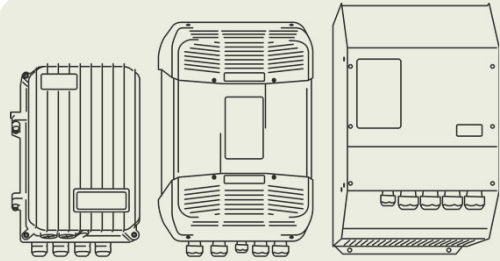


Loads

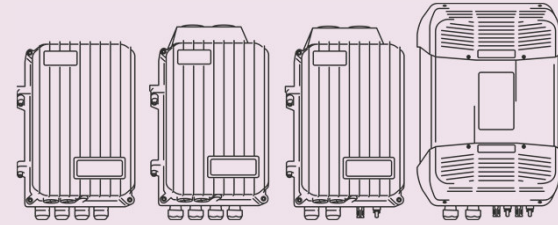




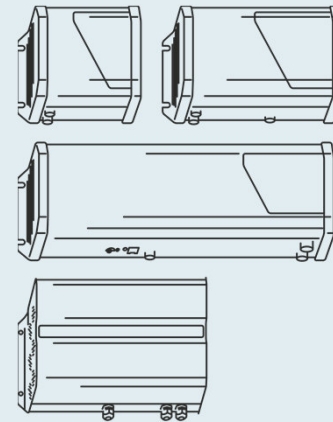
Our products



Xtender series
Hybrid inverters



Vario series
Solar charge controllers

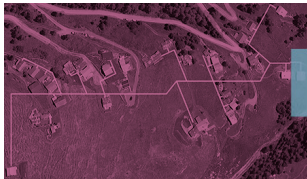


AJ series
Battery inverters



Applications

 Applicable in any field and for special applications



Mini-grid



Self-consumption



Remote areas



Backup systems



Telecom



Mobile applications
(maritime, vehicles, ...)



C&I Industrial market

Solutions

Off-grid solutions

Studer reaches beyond the grid



On-grid solutions

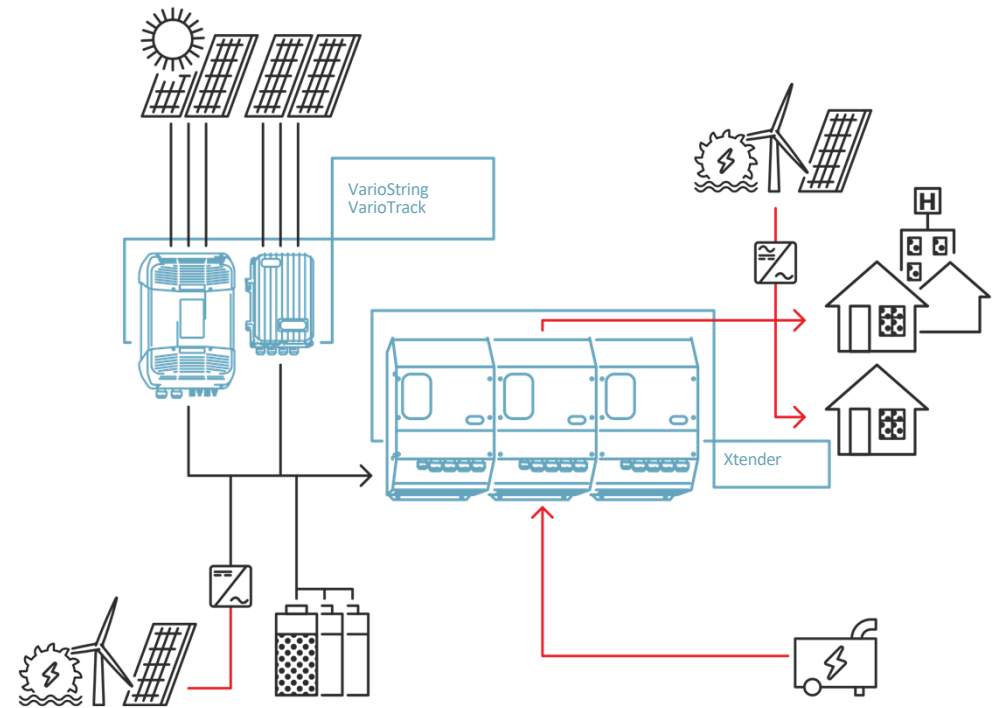
Get the maximum out of your renewable energy system

Off-grid solutions

Studer reaches beyond the grid

Reliable off-grid solutions since more than 30 years

10 year warranty

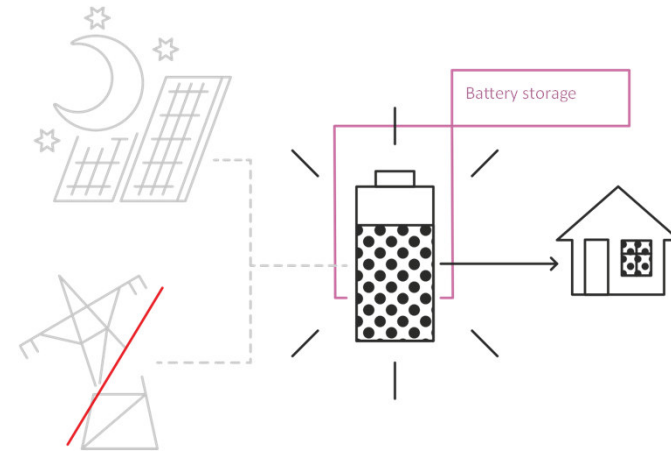


Energy storage solutions

Accurate and sustainable management of stored energy

Battery Life Optimization (BLO) function

Battery manufacturers recommend Studer



Nickel-iron

Lead-acid

Saltwater

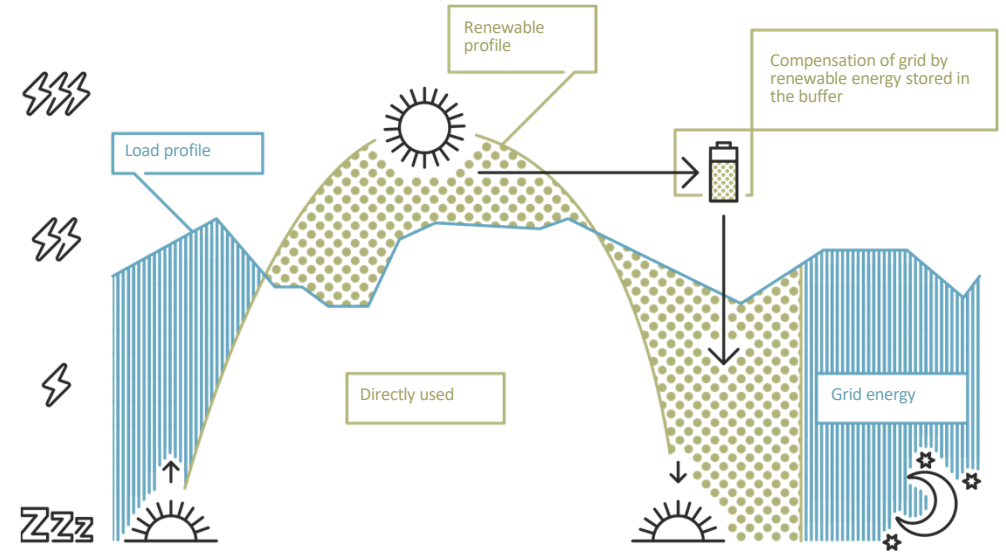
Li-ion

Hydrogen

Fuel-cell

Residential solutions

Get the maximum out of your renewable energy system



Self-consumption

Peak-shaving

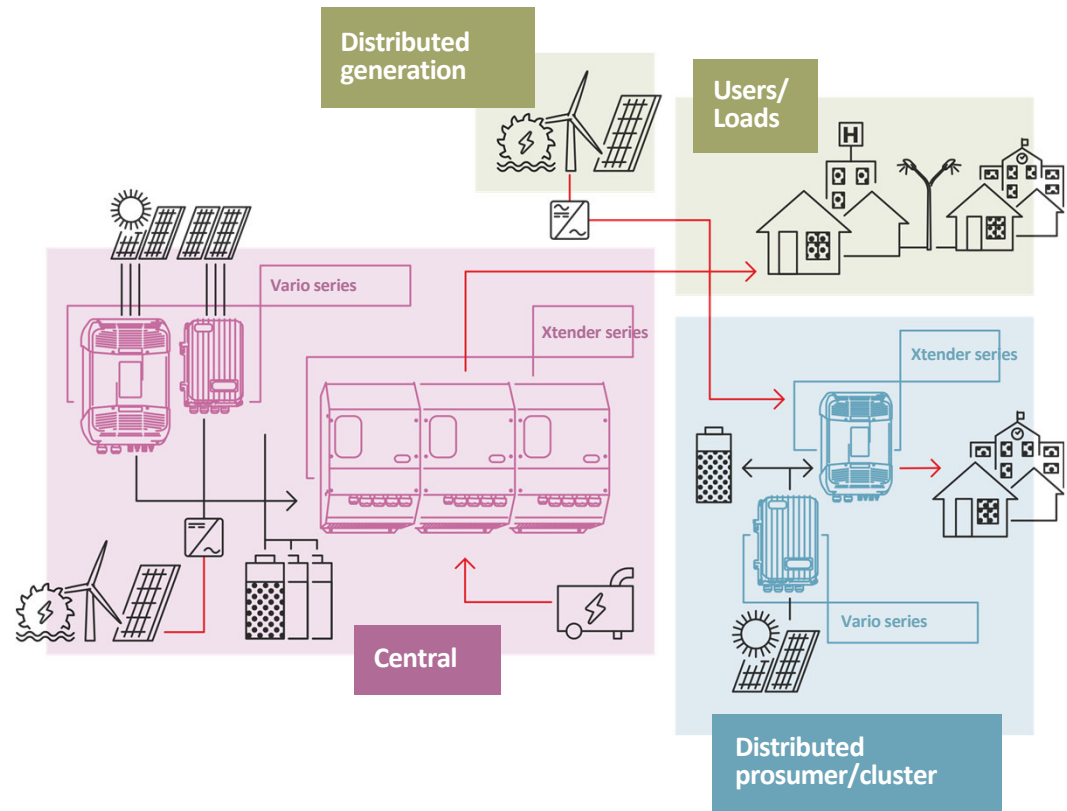
Battery/solar priority

DC/AC Coupling

Mini-grid solutions

Smart and flexible energy

Innovative distributed mini-grid function



Energy access solutions

Studer is committed with the United Nations Sustainable Development Goals (SDG), especially Goal 7 ensuring access to affordable, reliable, and modern energy for all.



Solar Home Systems (SHS) Solutions

Rural electrification solutions

Hybrid, mini-grids solutions

Backup solutions

Reliable energy 24/7



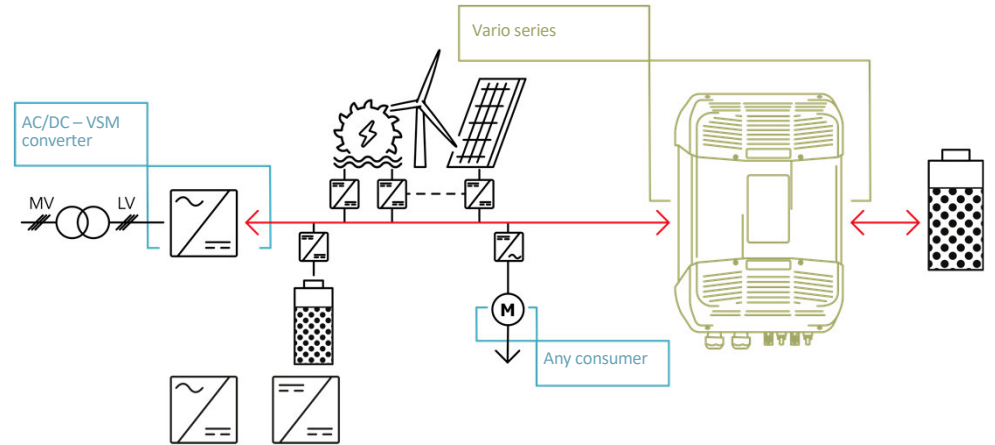
Adaptable to every
battery and
application

High overload
capacity

(3 x Nominal Power)

Ultra-short
transfer time <
15ms

DC/DC solutions



Innovative DC
Microgrids

Bidirectional
converters

Mobile solutions



Versatile

IP20/IP54

Adapted to
tough
conditions

Telecom solutions



DC applications

Remote
control and
monitoring

Hybrid &
offgrid

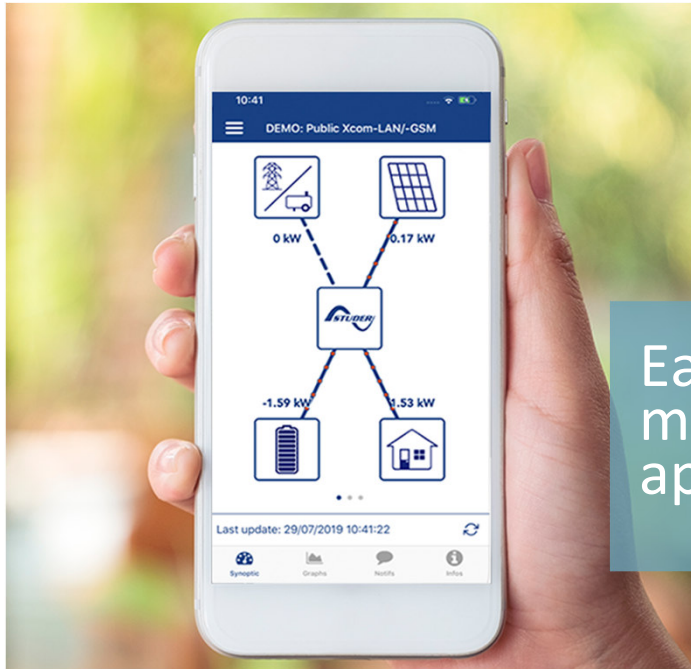
High altitude solutions



Proven at
high altitudes

High efficiency and
reliability

More than 30 years of
experience in
autonomous power
supplies



Easy monitoring app

Manage all installations from your device

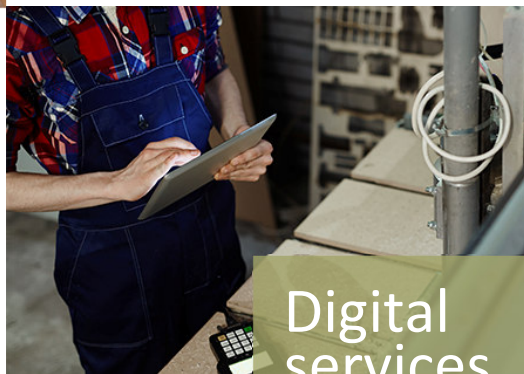
Live dashboard

Messages

Notifications

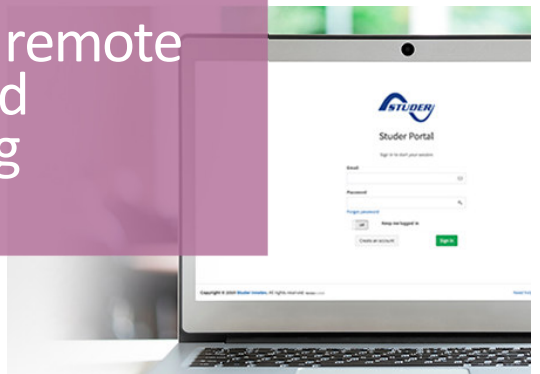
Datalogger

Sharing



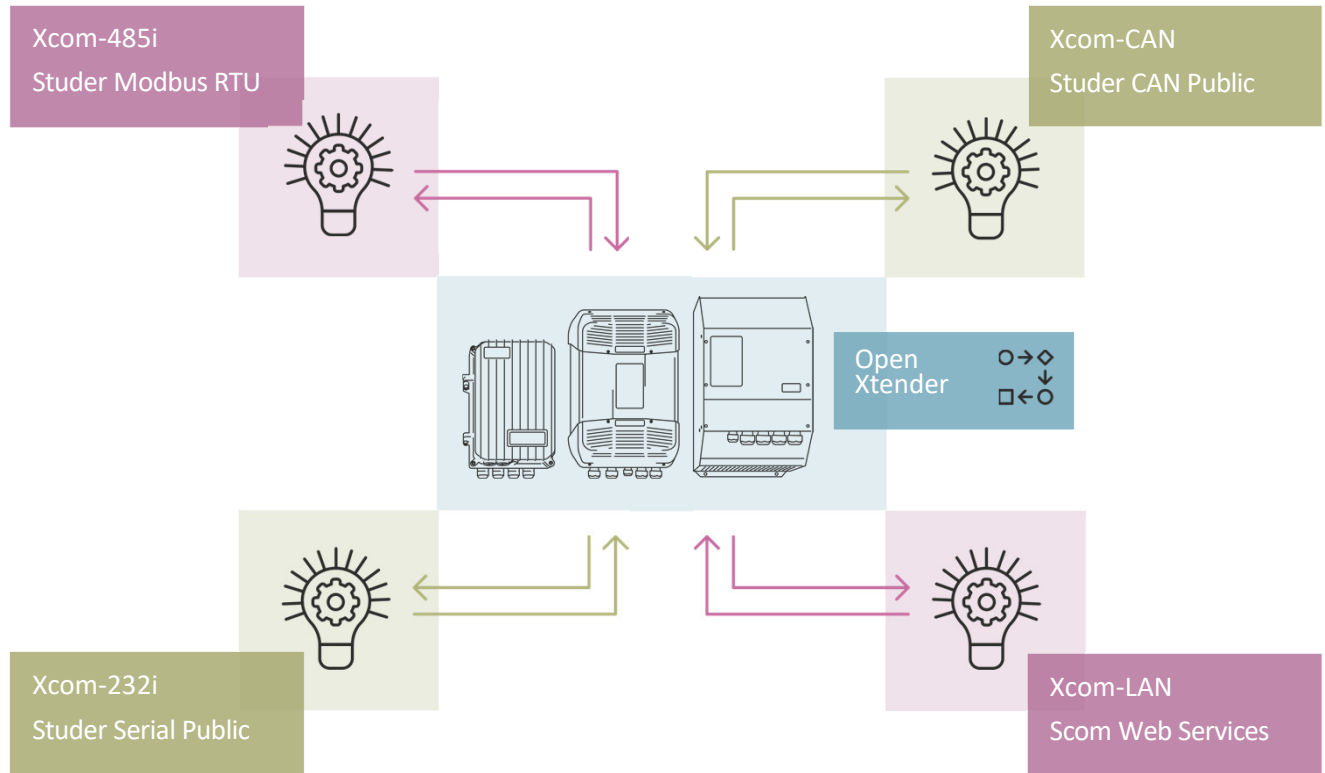
Digital services

Advanced remote control and monitoring



Open Studer

Studer environment accessible
for your solution



Support

Dedicated team to accompany our clients from the pre-sale to the operation phase.

If there is no solution, we help you find one 😊

More than 30 years of experience in autonomous systems

Extensive technical documentation available.

Continuous product development, training and support



A great product is accompanied
by a great service

support

training

after sales

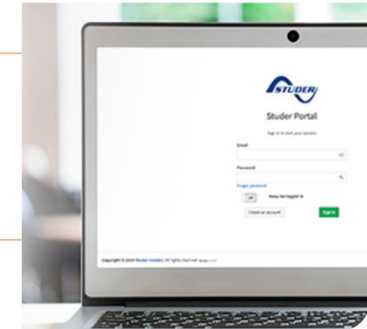
Studer professional
services:

studertechnics

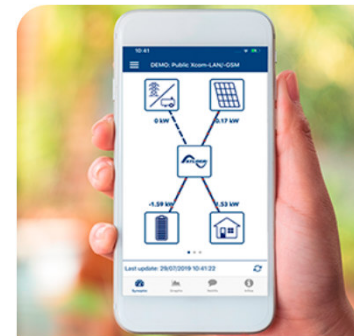
studerconnect



**Professional portal
coming soon**

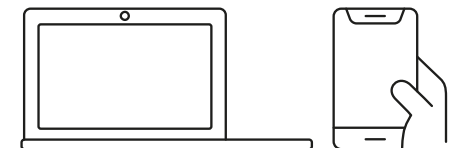


**Easy
monitoring
app**



studerconnect

New web platform with advanced functionalities and professional digital services



New web platform


Latest documentation, videos and a private area to place orders and view inventory status and order history.

studertechnics

International network of
service centers

This network will be deployed gradually, starting in the 4th quarter of this year and ensuring an improved proximity for all customers and partners



 swiss made power



Follow us

