

EMPOWERING
The

Electric 
Evolution.

DAK

Chilly!

first



BLIXT

2020!

WE ARE BL!XT.

We are the first and only to develop miniature **solid state circuit breakers** and **voltage converters**; critical components that will accelerate the transformation to sustainable, all-electric technologies world wide, on all levels of society, like energy, mobility and industry 4.0.

We aim to become a leading fabless company within electric safety and control and sell our hardware and designs to our OEM partners worldwide. **Cheers!**

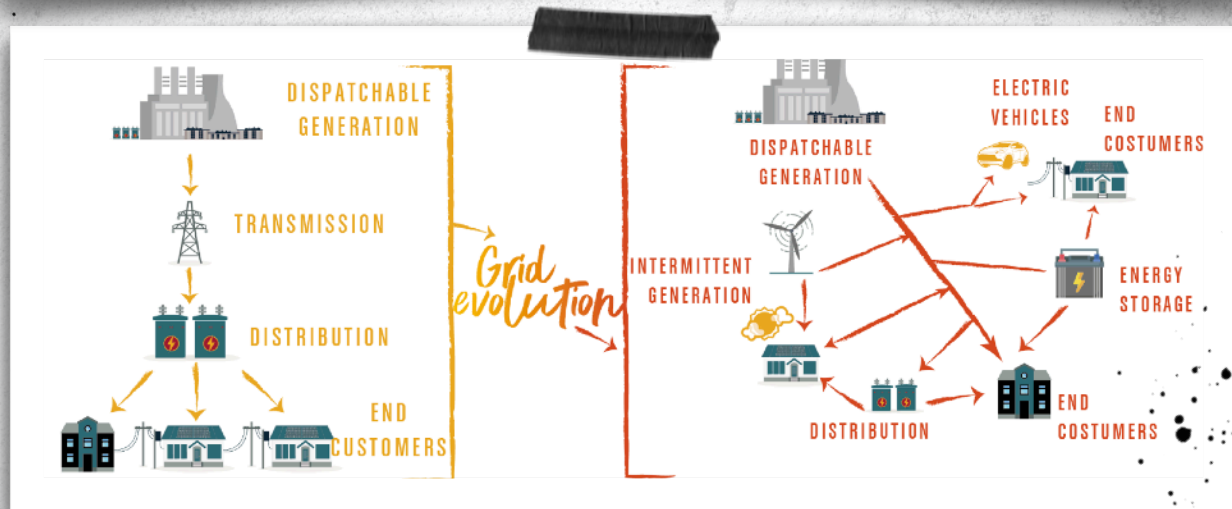
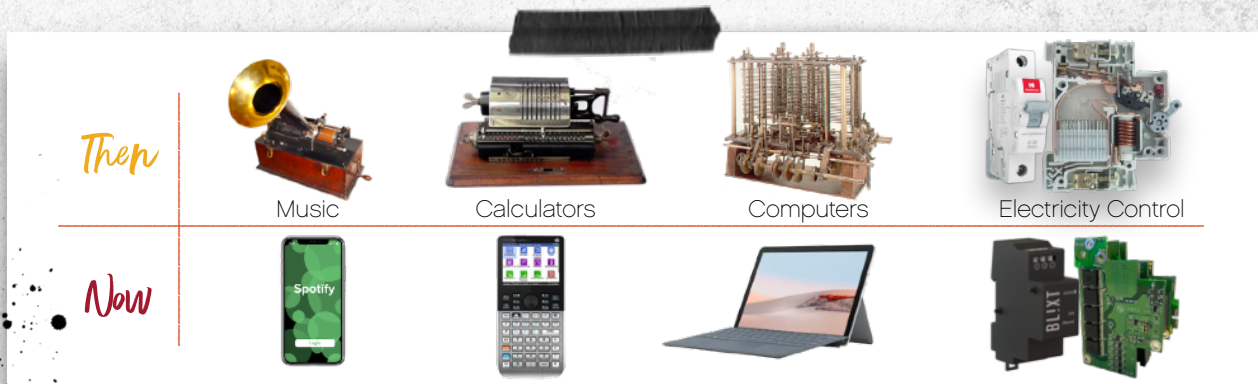


BL!XT

The DIGITAL TRANSFORMATION IS EVERYWHERE.

BUT THE ELECTRICITY SYSTEM HAS BEEN LEFT BEHIND - UNTIL NOW.

AT THE SAME TIME... OUR ENERGY LANDSCAPE IS CHANGING.



EXPLORING THE

BLIXT breaker



FULLY SOFTWARE PROGRAMMABLE



REAL TIME METERING (MEGA SAMPLING)



REMOTE ON/OFF (MODULATING 0-100%)



x1000 FASTER (SAFER)

*25 applied patents covering 9
patent families!*

BLIXT

TARGET MARKETS.

Turning circuit breakers into **smart connected devices** is a **game changer for multiple industries** and facilitates the shift towards **electrification** – whether that's transportation, industry or in buildings, not to mention the shift from AC to DC.



ENERGY

- Demand-side management
- Smart grid applications
- Energy analytics



INDUSTRIAL

- Data centers
- DC applications
- Predictive maintenance



E-MOBILITY

- Charging infrastructure
- EV chargers devices
- Battery management



BUILDINGS

- PV & storage applications
- Micro grids
- Building Management

BL!XT

VIRTUAL POWER PLANTS HOME CONTROL
ENERGY STORAGE DISTRIBUTED ENERGY
 SOLAR PANELS
 HOME ENERGY MANAGEMENT PEAK SHAVING
EV-CHARGING COMMERCIAL
 REDUCED CO2 EMISSIONS
 BUILDING AUTOMATION
 SMART DEVICES
 BATTERY MANAGEMENT SYSTEMS
 SMART METERING
 PHASE EQUALIZER
 RESIDENTIAL
ARC FAULT DETECTION ENERGY TRADING
 CONSUMER INCENTIVES MEGA SAMPLING
 MAXIMIZE PRODUCTION **GRID EDGE INTELLIGENCE**
 OPEN SOURCE
 MONITORING
GRID DATA FLEXIBILITY
 DYNAMIC PRICING
 REDUCED MATERIAL
 INDUSTRY 4.0 SHIPPING COST SAVING
CLIMATE IMPACT AI SPEED
 PROSUMERS
 MID METERING
 LOAD BALANCING
 DC BREAKERS
SMART GRID BLOCKCHAIN
 DIGITAL GRID INFRASTRUCTURE UPS
 VOLTAGE CONVERSION
DC-GRID DECARBONIZATION
 PHOTOVOLTAICS REMOTE CONTROL FUEL CELLS CONNECTED HOMES
BEYOND THE METER CONTROL BATTERY ARCHITECTURE
PREDICTIVE MAINTENANCE
DEMAND RESPONSE
 PEER-TO-PEER ENERGY ANALYTICS SERVER EQUIPMENT
 REDUCED SYSTEM DOWN-TIME
 REAL TIME DATA BATTERY LIFETIME
 MICRO GRIDS
 GROUND FAULT
 INRUSH CURRENTS FAST CHARGING
 E-MOBILITY
 POWER QUALITY CONTROL
 ENERGY EFFICIENCY



22% REDUCED
carbon emissions

-24 Mton Carbon

PARTICIPATING REFERENCE GROUP:

centrica

ENGIE



BayWa re.

ABB

Eneco

IN FOUR INVESTIGATED EU COUNTRIES:



WHAT MAKES THE BLIXT DIFFERENT?

SMART PANELS

Mechanical breakers + added electronics, plugs and sensors for metering and control.



legrand

£150-200/breaker



Schneider Electric

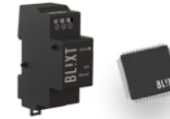


SPAN LEVITON

£2.000-4.000/panel

BLIXT

Fully digital all-in-one circuit breaker with metering, control, superior speed and safety.



BLIXT

	LeGrand & Schneider	Leviton (US)	Span (US)	BLIXT (Europe)
Sub metering	Yes	No	Yes	Yes
Remote on and off	Yes	No	Yes	0-100%
Fast tripping (=safer)	No	No	No	Yes
AC and DC	No	No	No	Yes
Voltage conversion	No	No	No	Yes

LARGE AND FAST GROWING MARKETS.

€80

Billion by 2022



Power Inverters

€31

Billion by 2024



Circuit Breakers

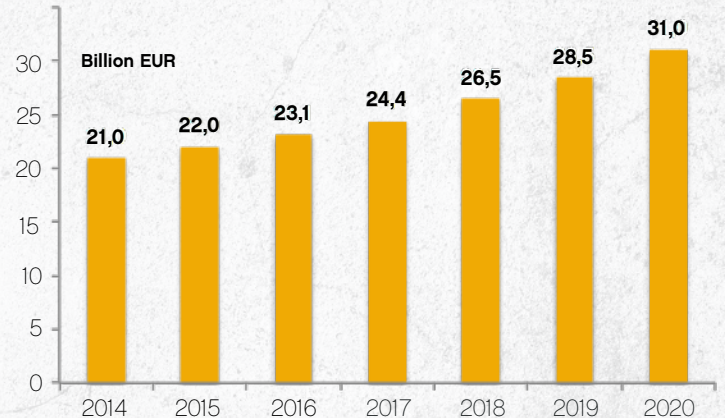
€63.6

Billion by 2028



Demand-side Management

Global market for circuit breakers and fuses worth €31 Bn



CORE FEATURES OF THE

X-verter

X-VERTER®

The X-Verter™ is a solid state, fully software controllable, switching voltage converter in which the measurable switching energy loss is **zero**



FULLY SOFTWARE PROGRAMMABLE



ZERO SWITCHING LOSSES



ANY CONVERTER PATH IS BI-DIRECTIONAL.



WIDE RANGE OF OUT/INPUT
(eg. 4-400V w/o additional losses).



HIGH SPEED OUT/INPUT CHANGES (< 5us).



SLEEP MODE



PHASE EQUALIZER



CAN HANDLE ALL ELECTRICAL ENGINES
(AC/DC, synchronous, asynchronous).

Product ROAD MAP

— Under development
- - - Upcoming development

2019

2020

2021

2022

2023

Solid State Circuit breakers

DEV KITS



BL!XT ZERO

ASIC design - - - - ->

Market ready
& certified
Q2 '21

Pre-compliance
(Sept-20)



LOW CURRENT



HIGH CURRENT



GROUND FAULT (RCB)



MID-METERING



DC BREAKERS



PV



BATTERY



AUTOMOTIVE



ASIC design 2022/23

Multiple chip families
across industries and
implementation areas.

Voltage converters

X-VERTER™ ZERO



Software services

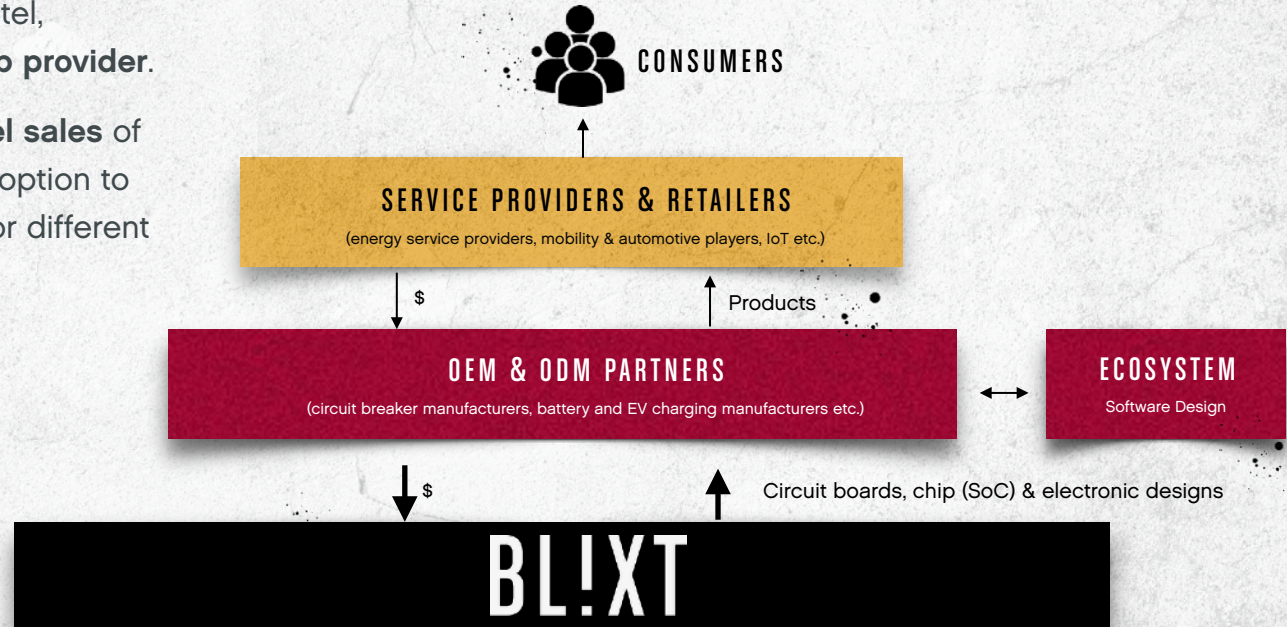
SOFTWARE UPDATES (ARC FAULT, ADVANCED ANALYTICS, ETC.)

CUSTOM APPLICATIONS & SUPPORT

BL!XT'S MATURE BUSINESS MODEL & SUPPORTING ECOSYSTEM.

Blixt's long term business model will be, similar to Nvidia and Intel, **fabless hardware and chip provider.**

Initially we offer **white label sales** of the BL!XT Breaker with an option to **customize** the hardware for different implementation areas.

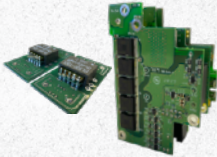


SCALE UP STRATEGY.



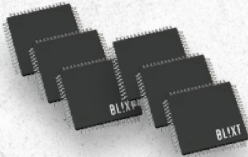
1. Customer Validation & Pilots

- Dev Kits sold out!
- Pilots with approx. 2-3 partners.



2. First customer sales (2021/22)

- First order volume/OEM: 5.000-10.000 units.
- Total 50-100.000 sold units through 3-5 customers.



3. Large Volume OEM Sales (2023/24)

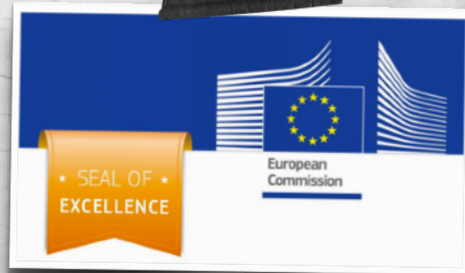
- Order volume 50-250.000 units per OEM customer.
- Total +1M sold units through 5-10 OEM customers.
- New products introduced!

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Watch pitch video here: <https://bit.ly/2MB5vXz>



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