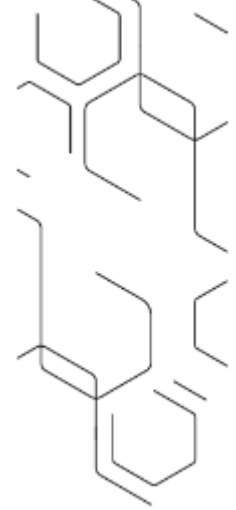


# Welcome to

May - 2023

# Orbis Tech Day.





# Welcome to



# Orbis Tech Day.

## UPS by Legrand.

**Name:** Jakob Thornye

**Position:** Marketing Manager Commercial Solutions

**Territory:** Nordic Zone + Baltics

**Based in:** Copenhagen - Denmark

>20 Years of work experience.

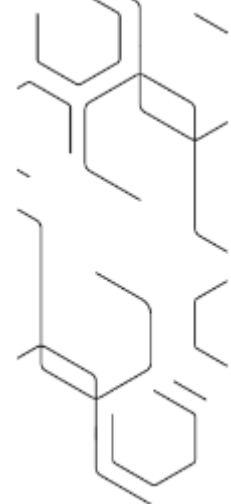
17 years working with Legrand, (Technical Manager, BDM and Marketing Manager)

# Legrand Commercial Solutions

# System CONCEPT



# REFERENCE BRANDS



Legrand, more than 70 global brands


Non-exhaustive list

# RANGE

LEGRAND offers a range of UPS products that are divided into 2 different types of products: **single-phase and three-phase.**

The range is wide and complete, with solutions that guarantee maximum performance in terms of power and backup time.



Keor LP



Keor S



Daker DK Plus



Megaline - Megaline Rack



Keor Multiplug



Keor SP



Keor SPE Tower



Keor SPE RT



Keor PDU

Online

Line Interactive

Off-line

## SINGLE-PHASE UPS



Trimod HE



Trimod MCS



Keor M0D



Keor Compact



Keor T Evo



Keor HP



Keor HPE



Keor XPE



UPSaver

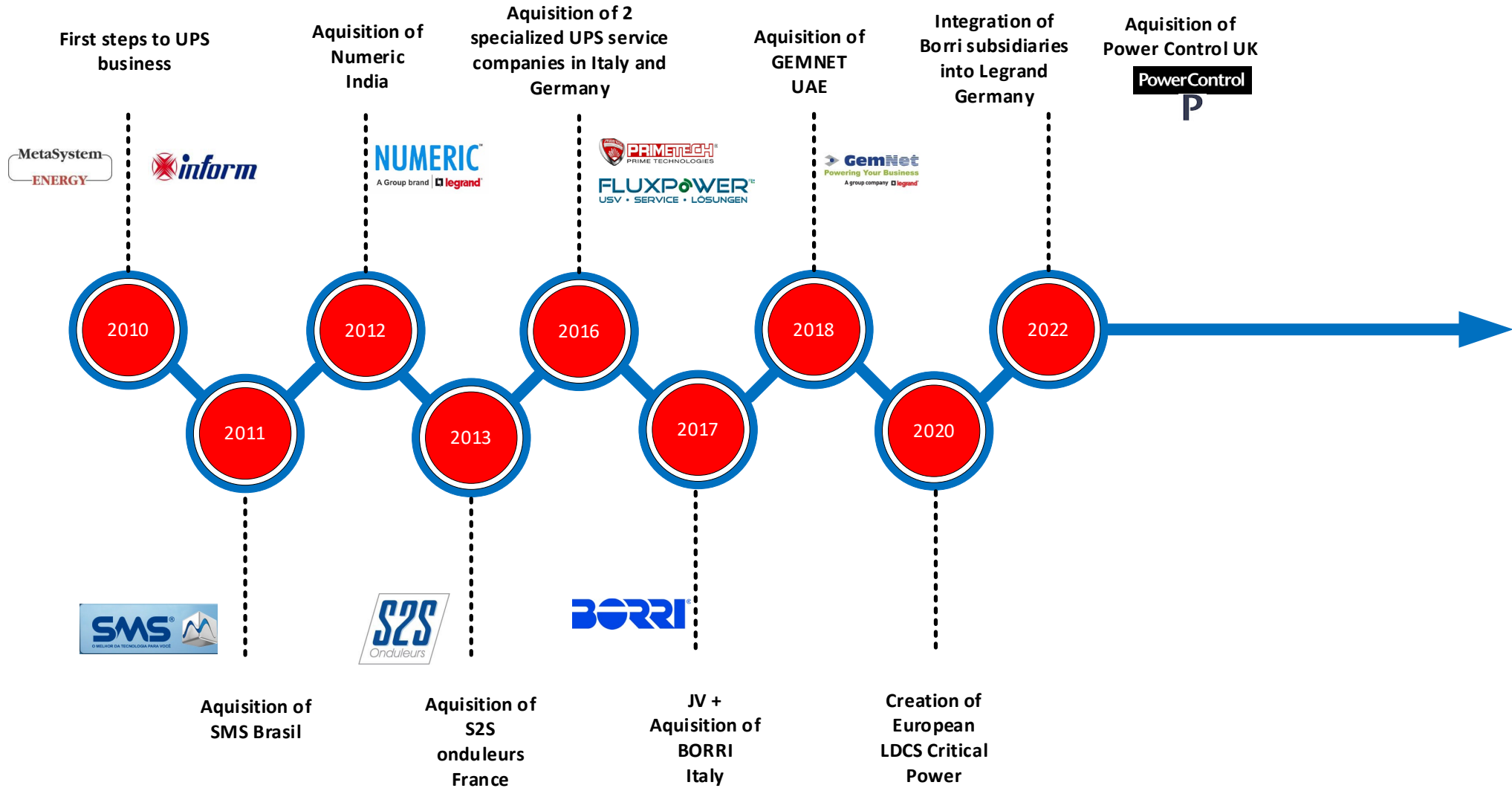
Modular

Conventional

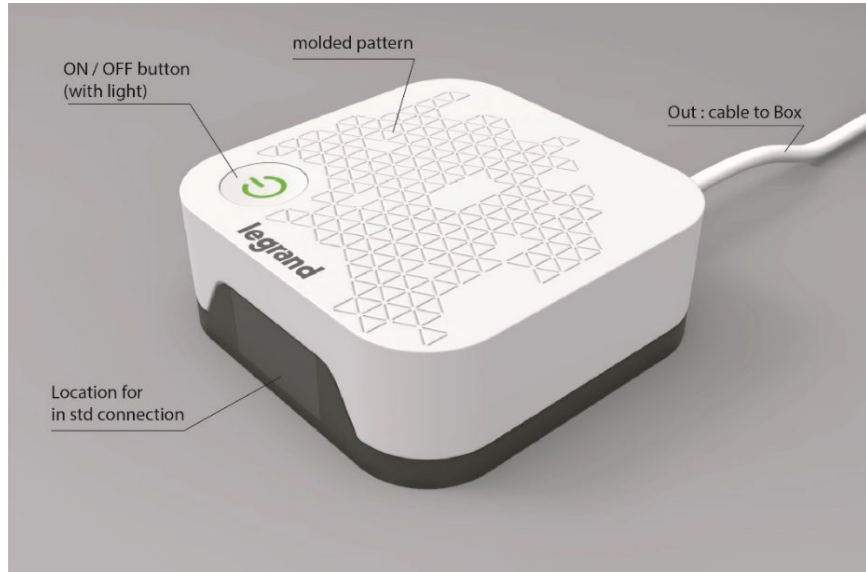
UPSaver

## THREE-PHASE UPS

# A little history lesson of Legrand UPS



# Direct Current Range - 25W - 9/12/15/19 Vdc



600-800VA



Shops



Small office



Home Entertainment systems

Home Router  
ADSL Boxes  
IOT



# Low Power Range - Line Interactive: Consumer

---



Keor  
MultiPlug  
600-800VA



Keor SP  
From 600 to  
2000VA



Shops



Small office



Home Entertainment systems

Home Entertainment  
Small Office  
Shops



# Low Power Range - Line Interactive: IT Application

---



Keor SPE Tower  
750 to 3000VA



Keor SPE RT  
750 to 3000VA



Commercial  
Small Office  
IT &  
Automation

# Low Power Range – Off Line: Small office



Keor PDU - 800VA  
Up to 15min.  
IEC-German-French



Office Network  
small cabinet



Shops



Small office



Home Entertainment systems

# Mid Power Range – 1PH OnLine: Professional



Keor LP  
1000 to 3000VA



Daker DK PLUS  
1 to 10kVA



Keor S  
1 to 6kVA



IT: Server-Network  
Office - Tertiary  
Automation

# Small-Mid Power Range – 3PH OnLine Conventional



Keor Compact  
10 to 20kVA



Keor T EVO  
10 to 60kVA



Keor T  
10 to 120kVA



Corporate-Industry  
Infrastructures  
Transport  
Hospital

# Mid – Large Power – 3PH OnLine Conventional



Keor HPE  
60 to 500kW



Keor HP  
100 to 800kVA



Corporate-Industry  
Infrastructures  
Transport  
Hospital



# Mid – Large Power – 3PH OnLine Modular

Trimod HE  
From 10 to 80kW



Keor Mod  
From 20 to 250kVA



Data Center  
Critical App.  
Transport  
Hospital

# Mid – Large Power – 3PH OnLine conventional

Keor HPE  
60 to 600kVA



Keor XPE  
600KVA to 2,1MVA



Data Center  
Critical App.  
Transport  
Hospital

# High Power – 3PH OnLine SCALABLE with 333KVA units

UPSaver  
670KVA to 2,67MVA  
And  
Parallelable up to  
21MVA



Power units 333 kVA  
up to 8 units



Distribution cabinet  
for hot scalability



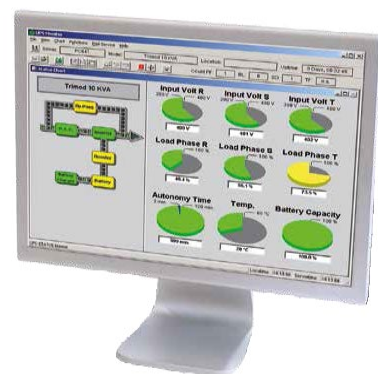
In/Out-Bypass  
module



MegaData Center  
Largest software company



# Remote Management and Communication



UPS Management Software



UPS Communicator



UNMS



3 109 33



3 109 32



3 109 34



3 109 31



3 109 30



3 109 35

## Net Interfaces



## Sensors & Accessories

# Maintenance plan for 3 Ph UPS

As a car UPS need maintenance



Purchase



Beginning  
Maintenance contract



Batteries x60  
DC capacitors  
Fans  
Parts replacement



AC capacitors  
Parts replacement

1<sup>st</sup> year

2<sup>d</sup> year

3<sup>rd</sup> year

4<sup>th</sup> year

5<sup>th</sup> year

6<sup>th</sup> year

7<sup>th</sup> year

8<sup>th</sup> year

Purchase



Insurance &  
Maintenance



Parts  
replacement



Parts  
replacement



legrand

# Legrand offer

## SUPPORT



## TRAINING



## MAINTENANCE



L1- Local Support in Finland.

L2- Technical support in Copenhagen.

L3- Technical department in production.

L4- Flying doctors based around EU.

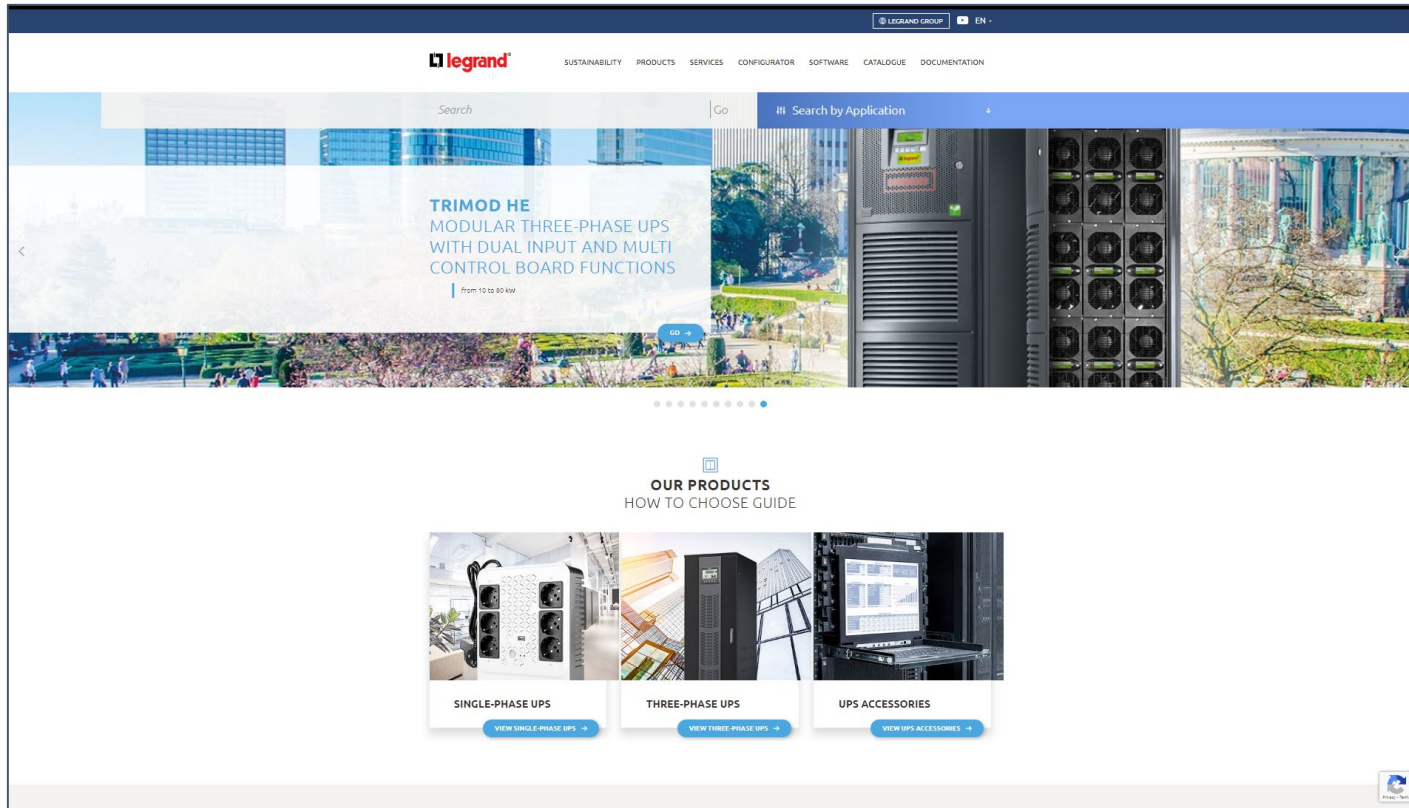
C1/2- Locally and even via Teams.

C3- Technical training in Legrand facility.

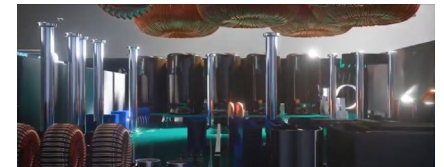
C4- Technical training facility in:  
Netherlands, Italy, Turkey.

# LEGRAND UPS WEBSITE

[www.ups.legrand.com](http://www.ups.legrand.com)



CONFIGURATOR



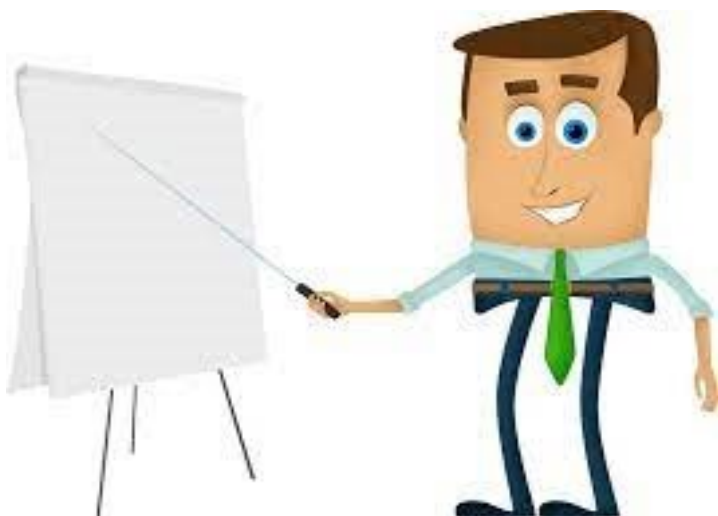
VIDEO AND 3D ANIMATION



CATALOGUES, GUIDES  
SPECIFIERS SHEETS, TECHNICAL SHEETS. BROCHURES

# Questions?

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Thank you for today.

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## Jakob Thornye

- Marketing Manager Commercial Solutions
- Nordic Zone

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