





COMPANY OVERVIEW

About ZIV

Global Presence

Shareholder

Metrics

ZIV Org. Chart

MARKET CONTEXT

Energy market.

ZIV Strengths

ZIV PORTFOLIO

ZIV products & services for high, medium, and low voltage networks.

-  SAS
-  COMMS
-  DAS
-  METERING
-  SERVICES

Company overview

About ZIV

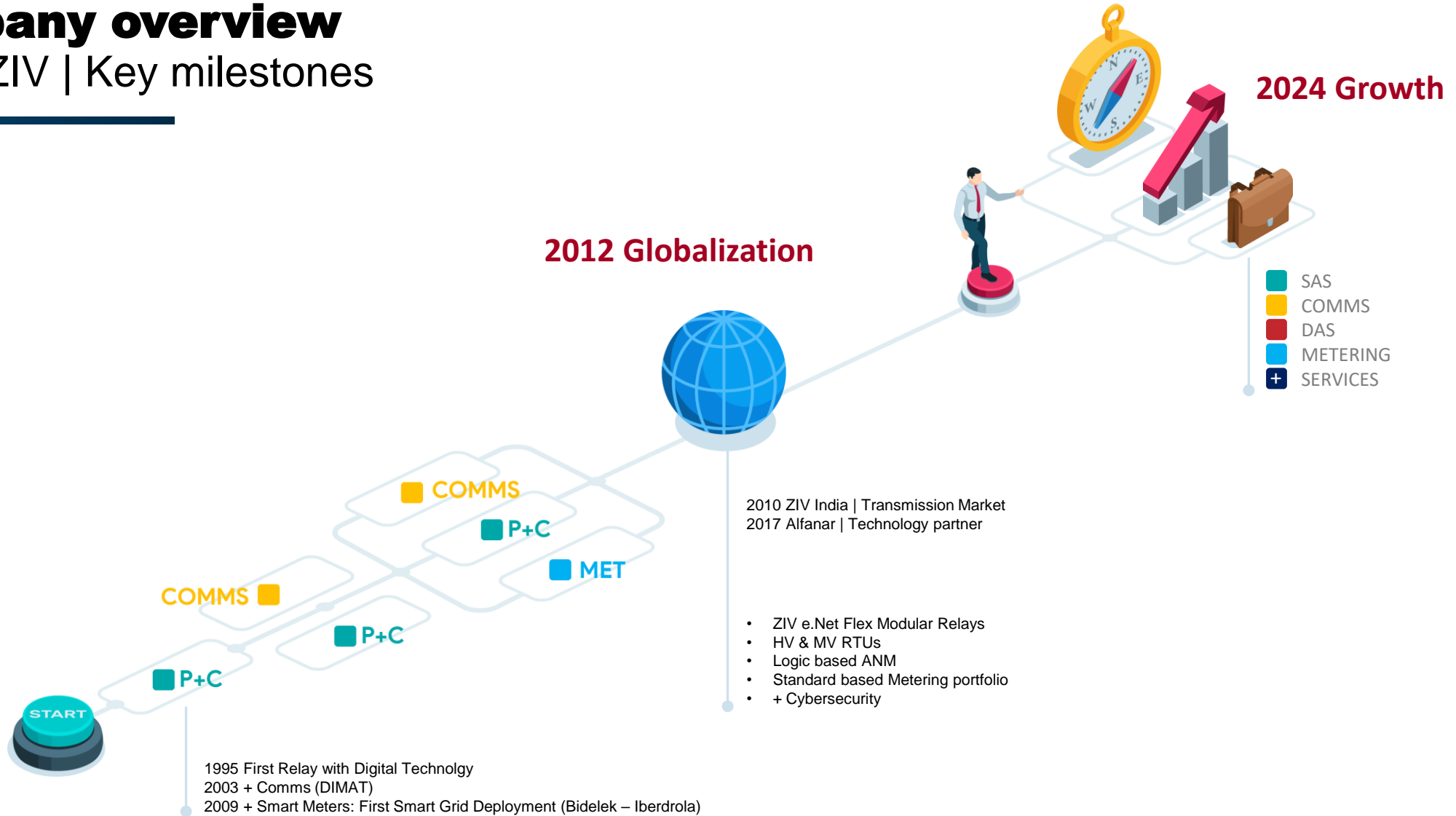
ZIV is Present throughout the Entire Electricity Value Chain providing Smart Grid Solutions



- SAS
- COMMS
- DAS
- METERING
- SERVICES

Company overview

About ZIV | Key milestones



1993 From Protections to Smart Grid Solutions

Company overview

About ZIV | Mission

Mission

We develop and service high tech integrated **HV, MV & LV digital solutions** to TSOs, DSOs, EPCs, and IPPs **across the Globe**, to foster smart grids deployment and to contribute achieving **zero carbon targets**

Vision



ZIV Automation vision statement is to be a recognized, international, and **customer-oriented** supplier of Smart Grid solutions and systems, **based on flexible and cooperative innovation, quality and customer service**

Company overview

Global presence | Manufacturing & System integration Sites



Company overview

Global presence | Customers in 180 countries trust in ZIV

APAC, Europe & Africa, India, LATAM & Middle East



Company overview

Shareholder | ZIV is part of a **alfanar**, a large industrial conglomerate



+17 K
Employees

25 sites
16 in KSA + 7 International
Manufacturing /Assembly sites

2 BN \$
2023 Turnover



alfanar is primarily engaged in manufacturing electrical construction products, EPC solutions for conventional and renewable power plants, allied engineering services and design engineering. It has built up an international presence throughout much of the Middle East, Asia, Africa, and Europe

Company overview

ZIV Metrics



+400

Employees



7 sites

Headquarters in Spain



74 M€

2023 Turnover



Company overview

ZIV is **alfanar**'s technology partner for **Smart Grid Solutions**

Market Trends

HV

IEC 61850 Complete SAS



MV

SF6 Free Automation



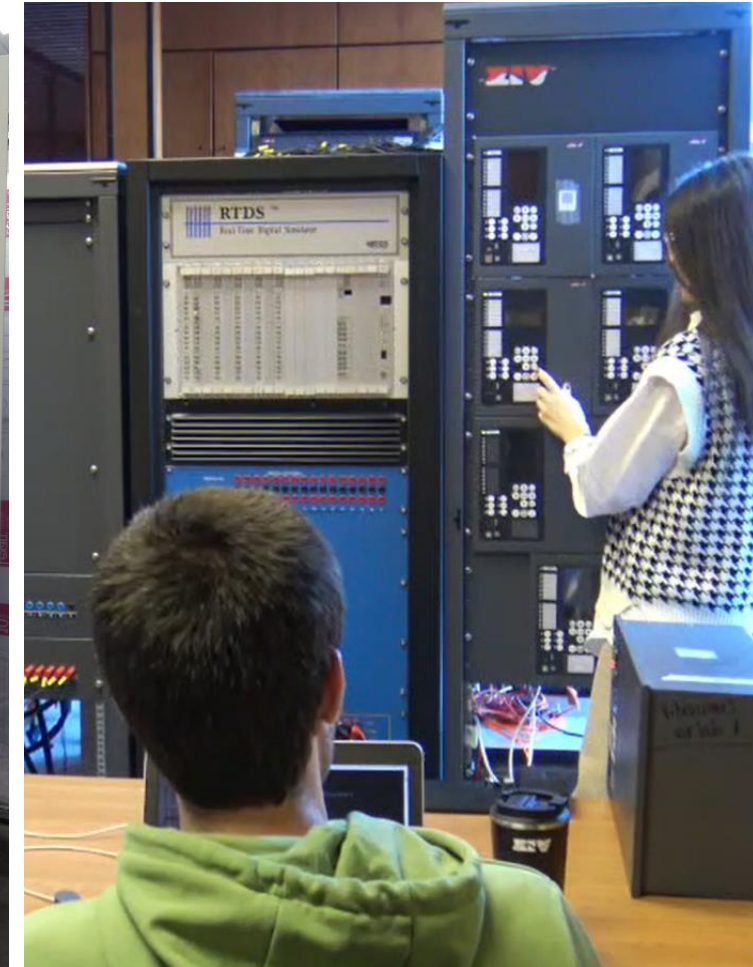
LV

Electric Vehicle Infrastructure



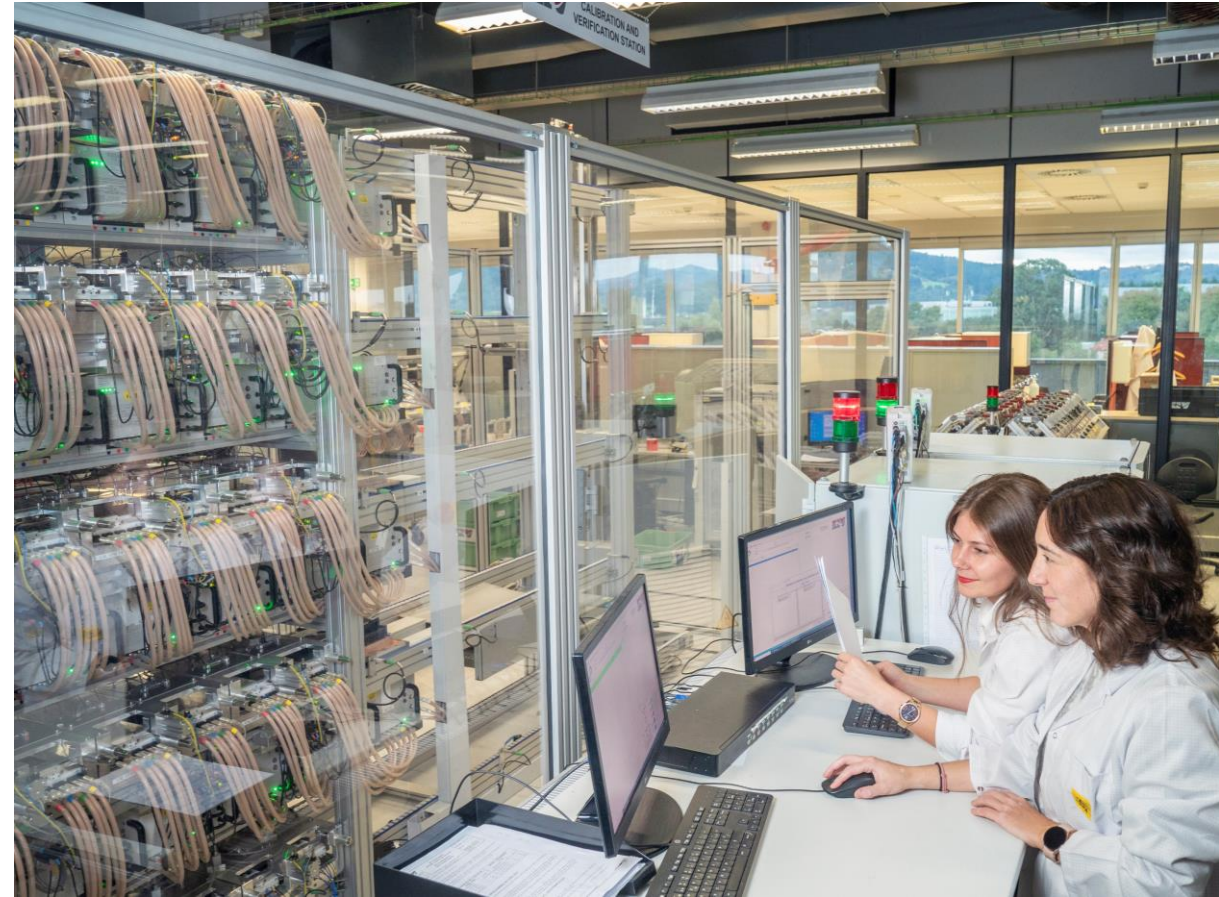
Company overview

ZIV factory & R&D laboratories



Company overview

ZIV factory & R&D laboratories

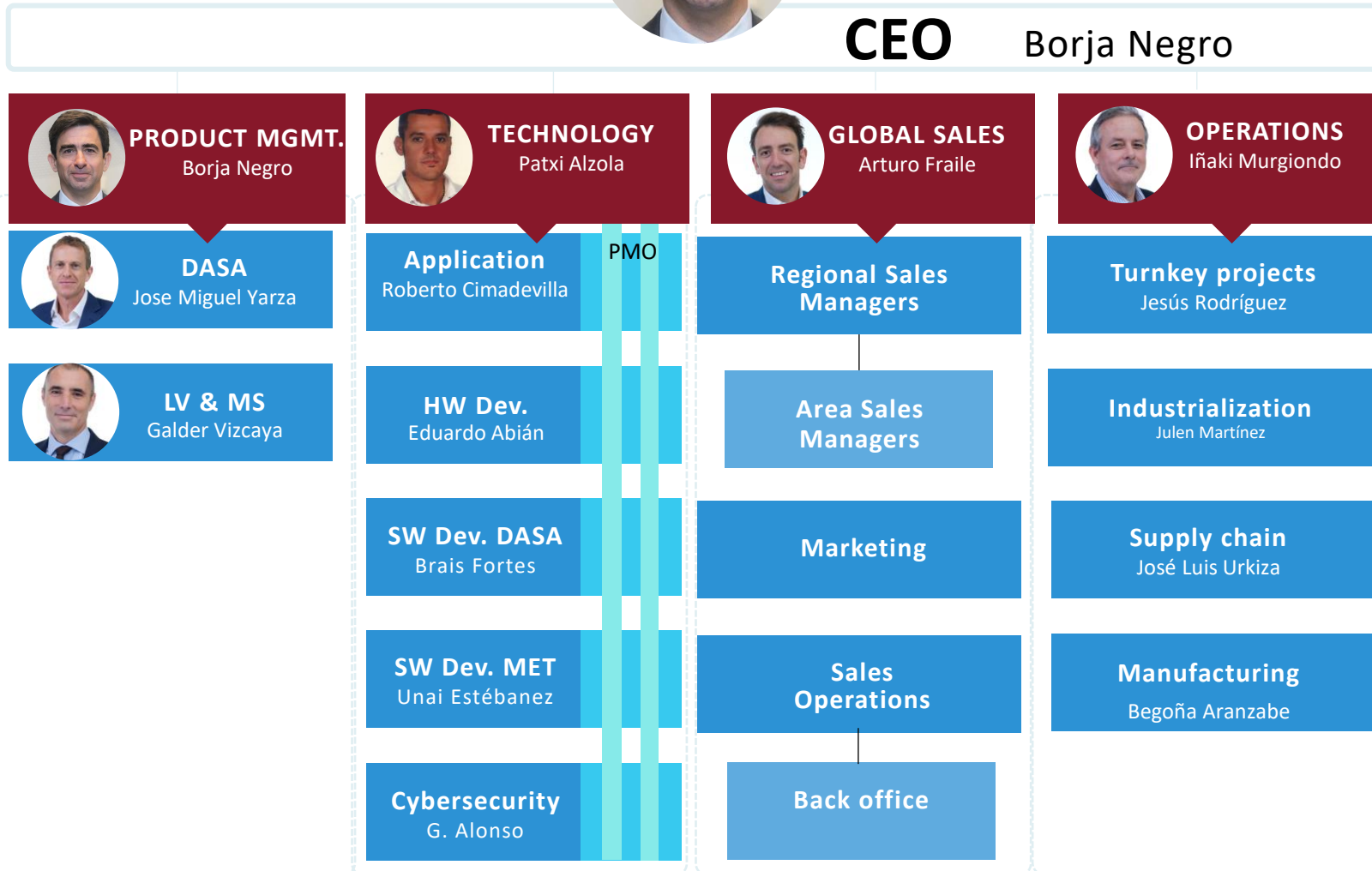


Company overview

ZIV Organization



CEO Borja Negro



UK & IRL
Eddie McKenna

BRAZIL
Braulio Machado

INDIA
Hampesh T.

QEHS
José Luis Fragueiro

HR
José María Losa

CFO
Nekane Vijandi

MARKET CONTEXT

Smart Grid Market is anticipated expand at **10.7% CAGR from 2024 to 2032.**

Flexibility

Customer orientation

Collaborative innovation

Knowledge



Energy market



Trends & Challenges →

Strategic initiatives →

ZIV Strenghts

MARKET CONTEXT

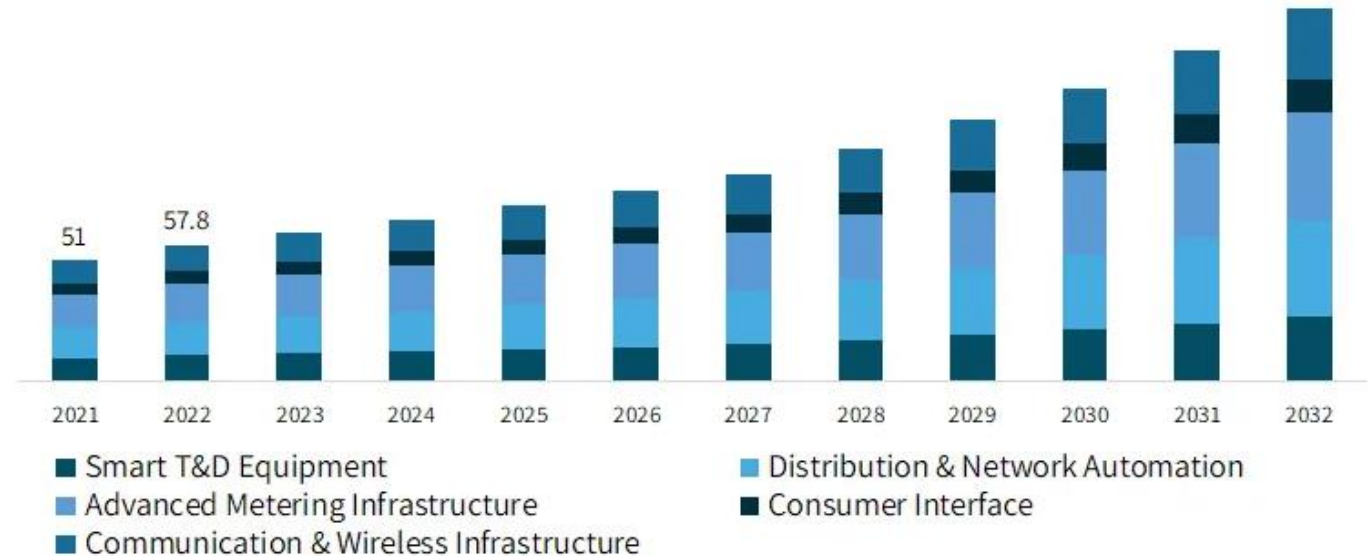
Current trends and challenges in the energy market.

Smart Grid Market is anticipated expand at **10.7% CAGR from 2024 to 2032.**

The industry will gain traction on account of the aging **electric grid infrastructure and the growing need for digitization in the power sector.** Governments are progressively prioritizing environmental sustainability and implementing strict regulations to reduce carbon emissions, which will drive the product adoption.

Furthermore, **investments in digital grid infrastructure are on the rise,** driven by the desire **to reduce restoration time and leverage advanced technologies** such as the Internet of Things. These developments are expected to positively impact the business outlook.

Smart Grid Market Size, By Technology, 2021 - 2032, (USD Billion)



Source: www.gminsights.com

Source: [Smart Grid Market Size & Share, Analysis Report 2024-2032 \(gminsights.com\)](http://www.gminsights.com)

MARKET

Key Issues & Strategic Initiatives

Energy & climate

A better energy system needs **better grid infrastructure**

Investments

Securing energy supply, achieving climate-neutrality, and guaranteeing competitiveness and economic efficiency will not be achieved without the **necessary investments** in Europe's electricity network, from transmission to distribution and microgrids

Sustainability

it is important to consider the high priority of **durability** and **reliability** of this equipment installed

Digitalization

for the **integration of more RES** and the **connection** of a rapidly growing number of electric vehicles, heat pumps and the electrification of industry

Net-Zero Industry

Grid technologies are vital for net-zero goals, and the **T&D industry is crucial for Europe's resilience**, sovereignty, and global industrial leadership.

Digital Substation

Virtualization

MV & LV automation

DER integration

New communication technologies & Metering functionalities

Cybersecurity



Energy market



Trends & Challenges →

Strategic initiatives →

ZIV Strengths

Source: Key issues - T&D Europe (tdeurope.eu)

ZIV PORTFOLIO



■ SAS ■ COMMS ■ DAS ■ METERING ■ SERVICES

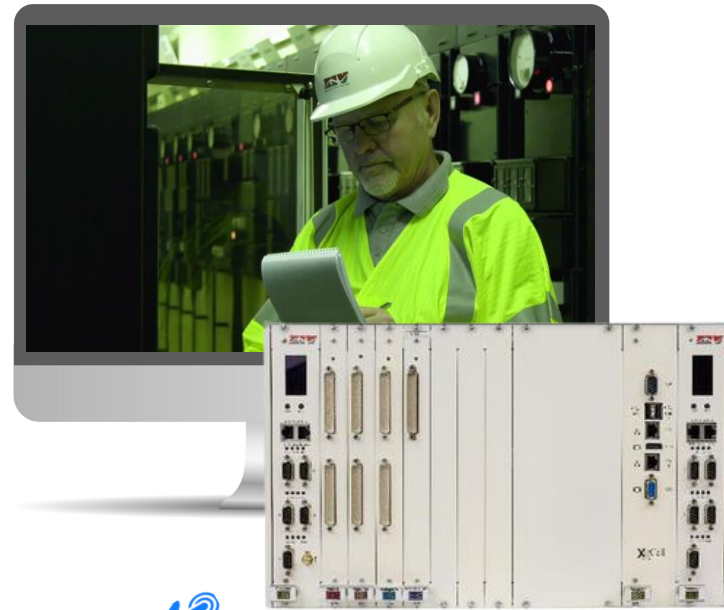
Portfolio

1. Substation Automation Systems

All protection functions
ZIV e-NET FLEX family suite



Substation Central Unit,
HMI & Gateways



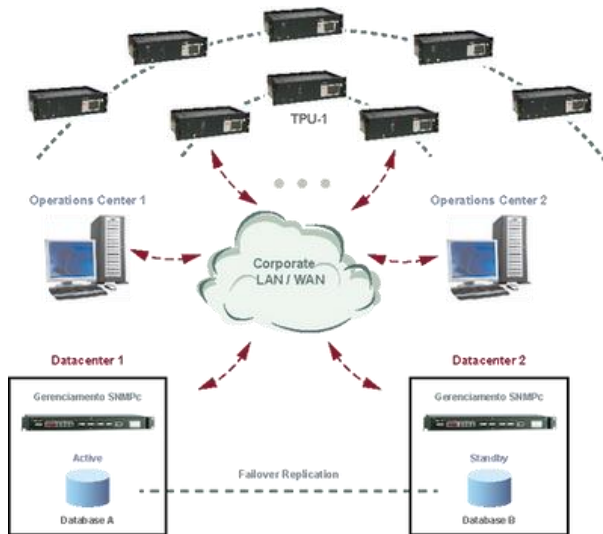
Systems Integration



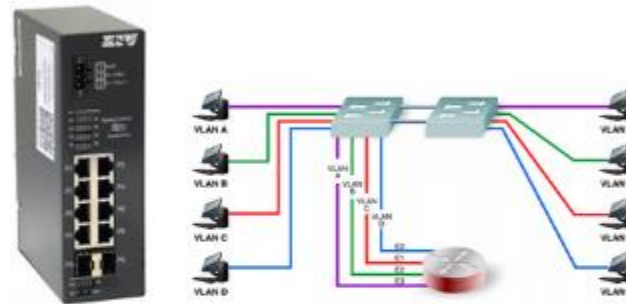
Portfolio

2. Communications Equipment

Telecommunications



Networking



Sensors



 PLC & Teleprotection Systems

Routers, Modems,
Switches y Gateways

Sensors, Couplers and
combined devices

Portfolio

3. DAS: Distribution Automation Solutions

Compact Feeder Multifunction solution for MV switchgear



Self-powered Overcurrent Protection



MV RTUS




LV Supervision Systems



ZIV TWINGRID

A Real-Time Energy Automation Platform



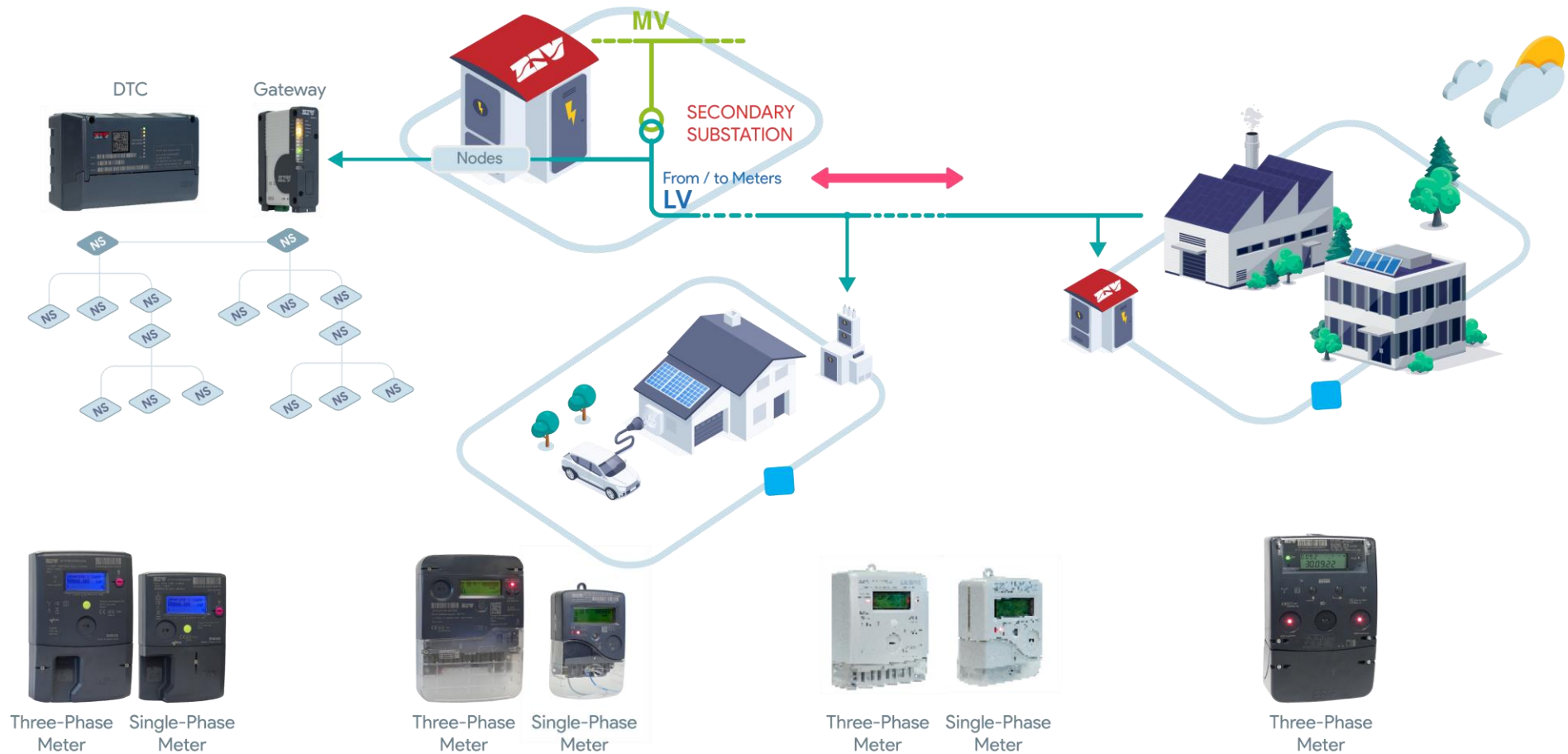
 **ZIV TwinGrid** can help saving time, money and energy by providing the means to monitor the grid and use real time flow information to automate your network.

It is an Energy automation platform that offers advanced Power Management Software (PMS) functionality and extends the lifespan of the existing SCADA infrastructure while providing enhanced capabilities.

<https://www.zivautomation.com/ZIVTwinGrid/>

Portfolio

4. Metering Solutions & EV Chargers



Three-Phase Meter
Single-Phase Meter

Three-Phase Meter
Single-Phase Meter

Three-Phase Meter
Single-Phase Meter

Three-Phase Meter



Portfolio

Smart AC EV Chargers

Corporate / Semi Public Use



ZIV STAR

A robust charger with anti-vandalism enclosure and built-in protections. It allows semi-fast individual charging (44kW – 3ph) and simultaneous charging of two vehicles (22kW – 3ph / 11kW – 1ph).

Corporate / Semi Public Use



ZIV SPOT

a compact and customizable device recommended for private & corporate use

Portfolio

5. Systems & Services

Repairing Works

- DASA
- Communications
- Meters

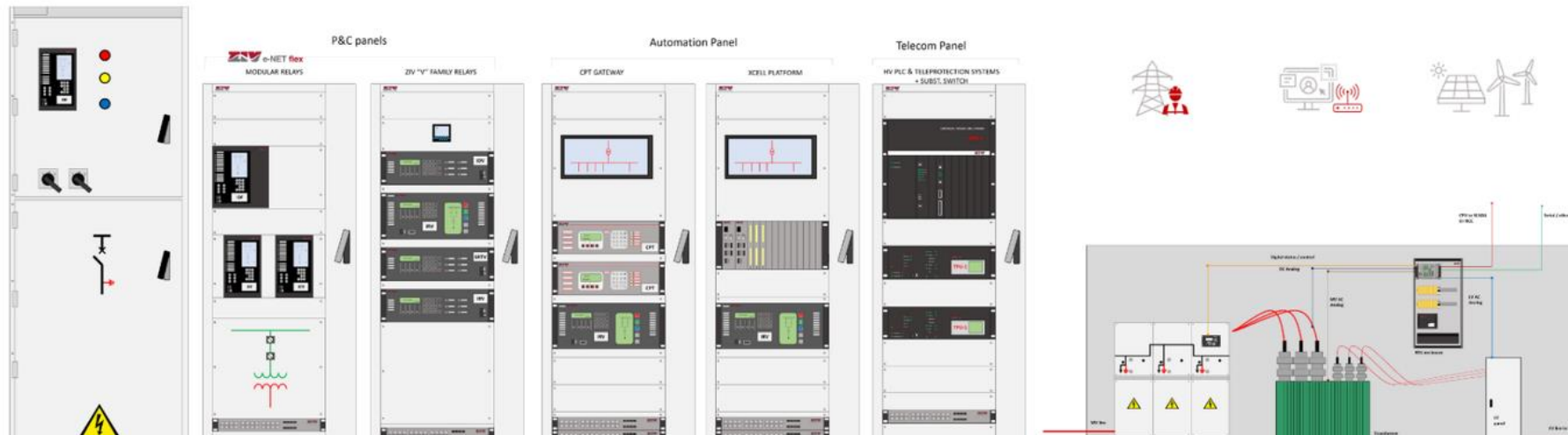
Engineering & Consulting Services

- Configuration
- Commissioning
- Settings calculation
- CT saturation
- Training
- ...

Revamping

Activities promoted by previous sales Including Hardware delivery:

- Retrofit (IEDs, SCUs)
- S/S extensions





Contact us now for further information
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