



Grid Real

R&D



ZIV

AUTOMATION SOLUTIONS FOR POWER GRIDS



Making the Smart

INNOVATION

ZIV's evolution is based on the R&D&i investment.

Members in many main international technical forums and committees, reinforcing our knowledge base to develop **open standard based solution.**

QUALITY

ZIV's team of professionals has a firm commitment to comply with the corporate quality, safety, health and environmental policies.



ZIV Automation

www.zivautomation.com
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HISTORY

ZIV was founded in 1993 to provide advanced solutions to the electric power industry.

With a commitment to innovation, to an open and flexible approach, and to teamwork, ZIV has grown to become a leader in **INTELLIGENT SOLUTIONS** for HV, MV and LV Grids.

TECHNOLOGY

An **EXCEPTIONAL** company, which brings together knowledge in four key areas (protection, control, communications and metering) to offer complete solutions, which are capable of responding to the challenges of the current electrical system.



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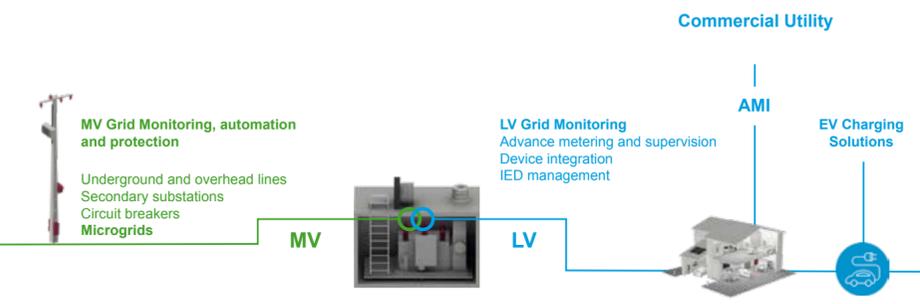
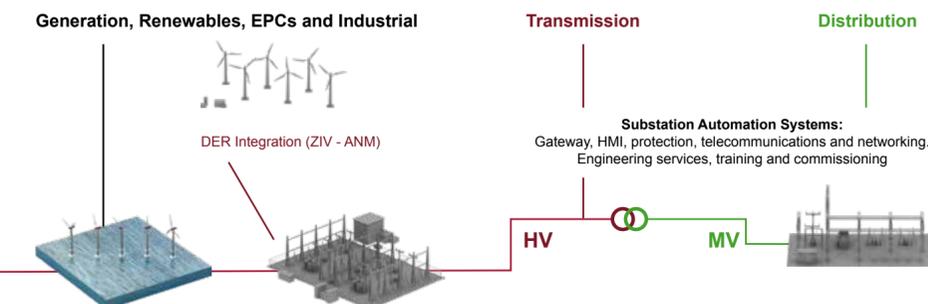
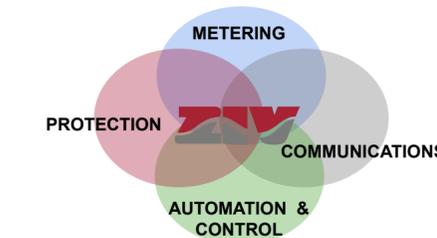
Brazil

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Automation Solutions for HV, MV and LV Power Grids

"A global vision of the grid enable us to cover all possible solutions, either by providing products or integrating systems"



Please visit our website for local information in your area
ZIV continually strives to improve products and services. The technical information included in this document is subject to change without prior notice.

SAS

SUBSTATION
AUTOMATION
SYSTEMS



DAS

DISTRIBUTION
AUTOMATION
SOLUTIONS



MS

METERING &
EV CHARGING
SOLUTIONS

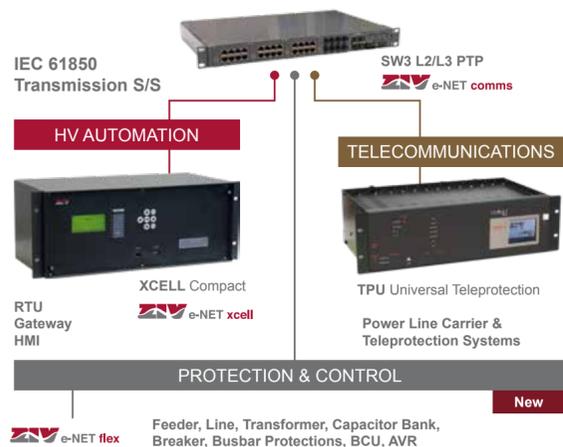


25

YEARS OF
EXPERIENCE



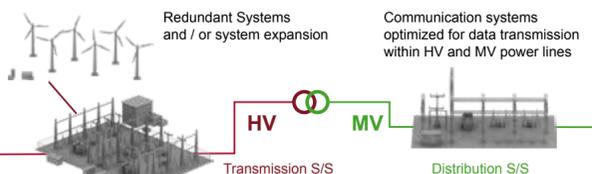
ZIV designs,
manufactures and
installs robust and
flexible solutions
for integrated
protection, control and
telecommunications
systems.



Cybersecure
Flexible and Modular.



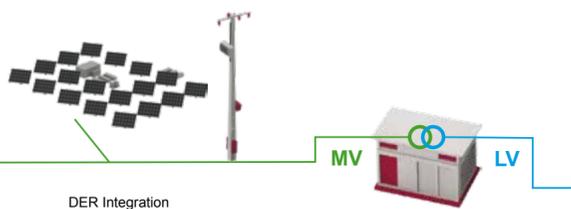
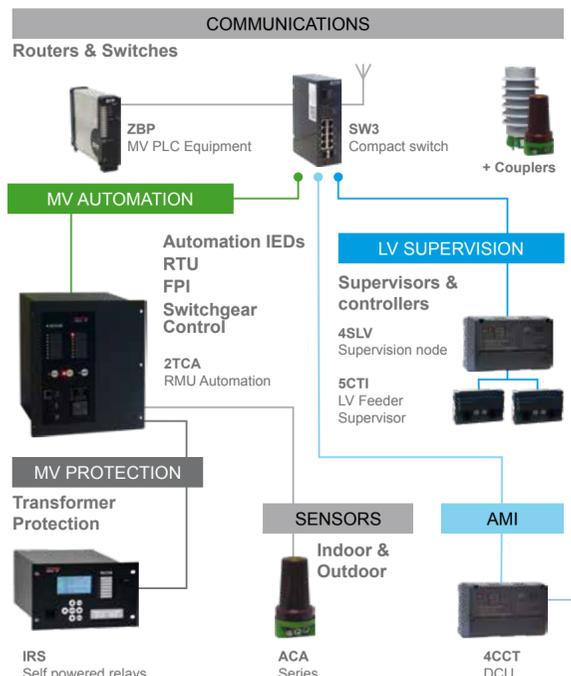
Digital Substation



Providing intelligence to distribution grids is critical to improve their performance and reliability for the benefit of all. ZIV offers products and systems for the supervision, automation and advanced protection of medium and low voltage grids.

Complete systems providing intelligence to secondary substation.

MV & LV Automation



Pioneers in the development and deployment of Smart Grid solutions.

As experts in metering, we develop intelligent EV charging solutions compatible with Charge Management Systems.

Reliable: extensive field experience.

Versatile: great innovation and adaptation capacity.

AMI



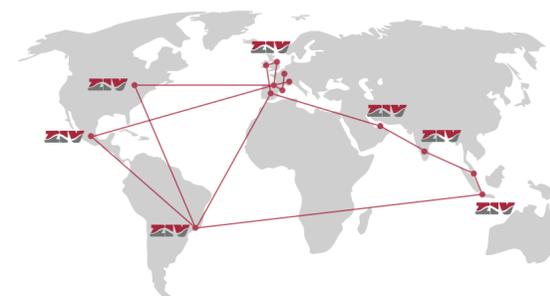
A technology partner with the knowledge, experience and resources necessary to deliver solutions that provide intelligence, resilience and reliability to electrical systems worldwide.

In-house developed technology.

Full commitment to customer satisfaction.

Global Vision

HV - MV - LV



Selected References:

EUROPE:
(AND) FEDA; (BEL) EANDIS; (GRC) IPTO, HEDNO; (ESP) ENDESA, GNF IBERDROLA, HC, REE, VIESGO, AENA, GAMESA, ADIF; (FIN) FINGRID; (FRA) RTE, ENEDIS; (ITA) ENEL; (NOR) STATNETT, LYSE ENERGI AS; (POL) PSE; (PRT) REN, EDP; (CZE) JME-EON; (ROU) TRANSELECTRICA; (SWE) VATTENFALL, SVENSKA KRAFTNAT; (GBR) SPEN-IBERDROLA, MANWEB-IBERDROLA, SSE, E.ON, NPG, WPD; (NLD) ENEXIS.

ASIA-PACIFIC:
(AUS) WESTERN POWER, TRANSGRID, SPI POWERNET, POWERLINK, HYDRO TASMANIA, ETSA, ERGON E; (IND) AVANTHA POWER, PGCIL, MSETCL, UPPTCL, JSEB, POWER GRID INDIA, MPPTCL, UPCL, HVPNL, WBSSETCL, OPTCL, TSECL, KSEB, PSTCL, KPTCL, NTPC, TANTRANSO, APTRANSO, BSPTCL, AEGCL, UPRNNL; (IDN) PLN; (MYS) SESCO; (PHL) TRANSCO; (THA) EGAT; (VNM) EVN.

MIDDLE EAST - AFRICA:
(SAU) NG, SEC, SAUDI ARAMCO; (DZA) SONELGAZ; (AGO) GAMEK, ENE; (BFA) SONABEL; (CMR) AES-SONEL; (EGY) EETC; (ETH) EEPCCO; (KEN) KPLC, KETRACO; (GHA) GRIDCO; (IRQ) MOE; (JOR) NEPCO; (LAO) EDL; (NGA) TCN, ABA POWER PLANT;

(MAR) ONE, RAC, RADEES; (MOZ) EDM; (SLE) MINISTRY OF ELECTRICITY; (QAT) KAHRAMA; (SYR) PEDEEE; (TUN) STEG; (TZA) TANESCO; (ARE) DEWA, FEWA, SEWA; (ZWE) ZIMPLATS.

AMERICA:
(ARG) EDESUR, EPE SANTA FE, EPEC, EPEN, EDENOR, TRANBA, TRANSEA, TRANSDIA, TRANSNER, APE LA PAMPA; (BRA) ETEP, AMPLA, CEEE, CELESC, CELG, NEOENERGIA, CELPE, CEMAT, CEPFEL, CEMIG, CEPISA, CHESF, ELETROPOLULO, CESP, NEOENERGIA -COELBA, ENERSUL, ESCELSA, FURNAS, ELEKTRO-IBERDROLA, COELCE-ENEL; (BOL) ELECTROPAZ, ENDE, CRE; (CHL) GRUPO ENERSIS-CHILECTRA, CHILQUINTA; (CAN) HYDRO ONE, ALECTRA UTILITIES; (COL) CODENSA, ENEL, ELECTRICARIBE, EPM, CENENAR, ISA, EEB; (CUB) UNE; (ECU) CENEL; (USA) CENTRAL MAINE POWER CO, ENTERGY, LEeward RENEWABLE ENERGY, ROCHESTER GAS & ELECTRIC, NYSEG; (HND) ENEE; (MEX) CFE; (PAN) EDEMET; (PRY) ANDE; (DOM) EDENORTE, EDESUR, ETED; (VEN) CADAFE, ENELVEN.