



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
ziv@zivautomation.com



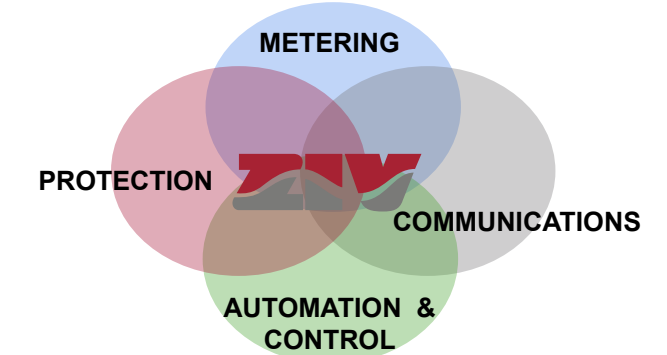
HISTORY

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.



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



Commercial Utility

AMI

EV Charging Solutions

LV Grid Monitoring
Advance metering and supervision
Device integration
IED management

MV Grid Monitoring, automation and protection

Underground and overhead lines
Secondary substations
Circuit breakers
Microgrids

Spain

Headquarters
Parque Tecnológico y Científico de Bizkaia, Edif 210 y 407
Zamudio, 48170 Bizkaia
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India

Global Village Tech Park, Block A,
Ground Floor, RVCE Post
Mylasandra, Bangalore - 560 0659
T: (+91) 80 3003 7500 - 598

Singapore

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Keck Seng Tower
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Brazil

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T: (+55) 21 31 89 8501

USA, Canada & Mexico

5410 Newport Drive, Suite 38
Rolling Meadows
IL 60008, Illinois
T: (+1) 224 735 39 61

Indonesia

Alamanda Tower 25th Floor, Jl. TB
Simatupang Kav 23-24
Cilandak Barat, Cilandak
Jakarta Selatan, DKI Jakarta, 12430
T: +62 21 29657960

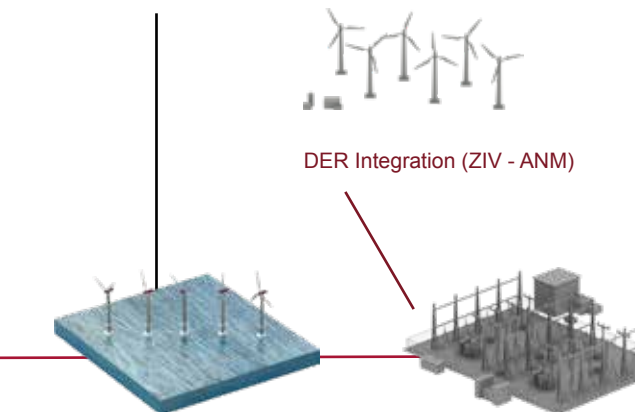
United Arab Emirates (U.A.E.)

74 Street, Dubai Investment Park 2
Opposite Civil Defense Office
Dubai
T: 00971 4 2677500



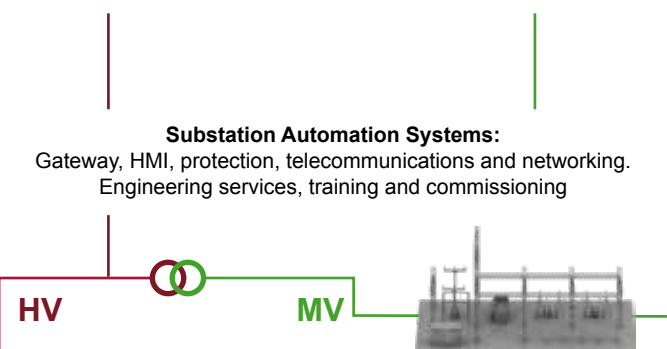
Automation Solutions for HV, MV and LV Power Grids

Generation, Renewables, EPCs and Industrial



DER Integration (ZIV - ANM)

Transmission



Distribution

Substation Automation Systems:
Gateway, HMI, protection, telecommunications and networking.
Engineering services, training and commissioning

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.

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SAS

SUBSTATION
AUTOMATION
SYSTEMS

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

Cybersecure
Flexible and Modular.

Digital Substation



DAS

DISTRIBUTION
AUTOMATION
SOLUTIONS

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



MS

METERING &
EV CHARGING
SOLUTIONS

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



25

YEARS OF
EXPERIENCE

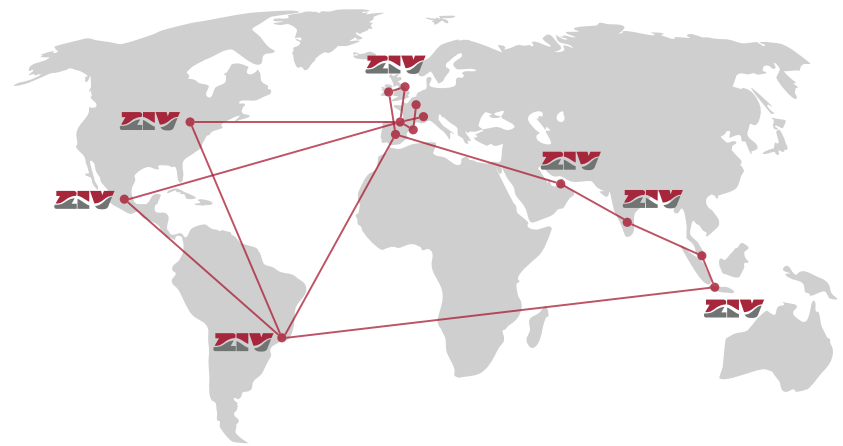
A technology partner
with the knowledge,
experience and
resources necessary
to deliver solutions that
provide intelligence,
resilience and reliability
to electrical systems
worldwide.

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 KRAFTNÄT; (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, WBSETCL, OPTCL, TSECL, KSEB,
PSTCL, KPTCL, NTPC, TANTRANSO,
APTRANSO, BSPTCL, AEGCL, UPRNL;
(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) EEPKO; (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, TRANSNEA,
TRANSNOA, TRANSNER, APE LA PAMPA;
(BRA) ETEP, AMPLA, CEEE, CELESC, CELG,
NEOENERGIA, CELPE, CEMAT, CEFEL,
CEMIG, CEPISA, CHESF, ELETROPAULO,
CESP, NEOENERGIA -COELBA,
NEOENERGIA-COSERN, COPEL, CPFL,
CETEEP, ELECTRONORTE, ELETROSUL,
ENERSUL, ESCELSA, FURNAS, ELEKTRO-
IBERDROLA, COELCE-ENEL; (BOL)
ELECTROPAZ, ENDE, CRE; (CHL) GRUPO
ENERGIS-CHILECTRA, CHILQUINTA; (CAN)
HYDRO ONE, ALECTRA UTILITIES; (COL)
CODENSA, ENEL, ELECTRICARIBE, EPM,
CEDENAR, 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) CADAPE, ENELVEN.

