PRIME ALLIANCE®

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arkossa POWERING YOUR SMART DATA

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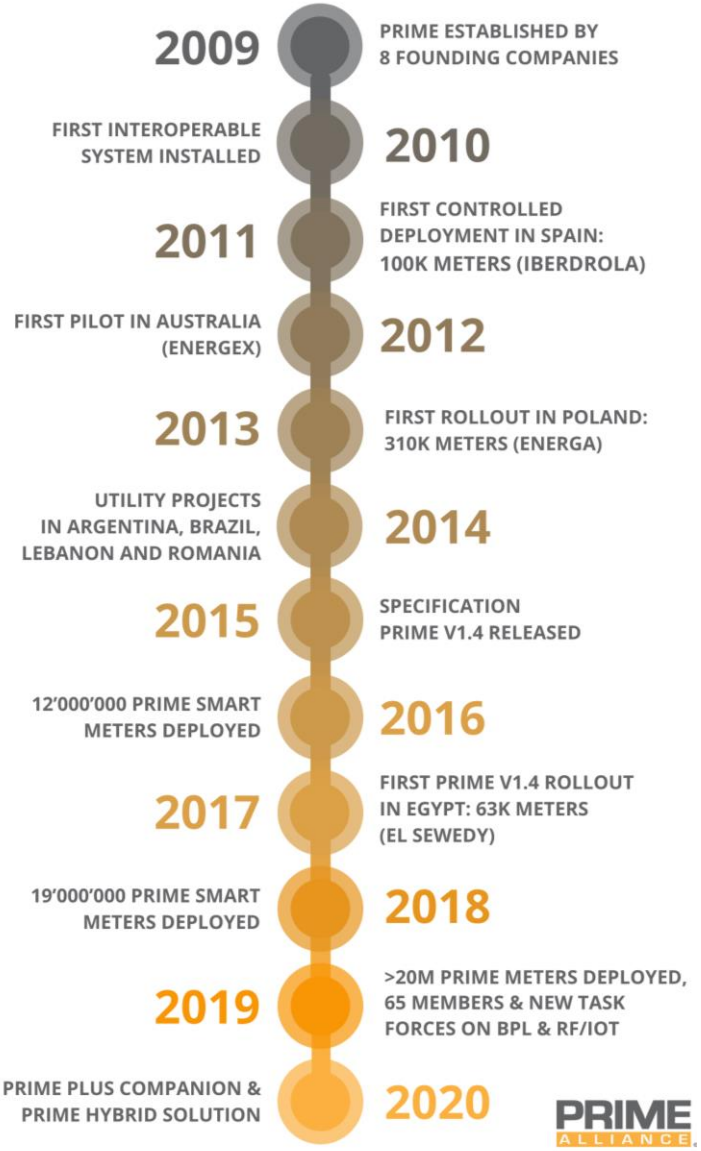
PRIME Alliance Overview

Purpose

To support smart metering and smart grid functionalities by developing and using open and standardized telecommunications solutions globally

Scope

- To create an open forum for the creation of protocol specifications and standards for PLC
- To accelerate the demand for smart metering and smart grid products and services worldwide
- To protect the needs of end-consumers and increase the market potential



Membership

Principal Members

ELSEWEDY ELECTROMETER · Energa operator · e·on · E-REDES · IBERDROLA · IBM · Landis+Gyr manage energy better · intel · Itron · MICROCHIP · Naturgy · RENESAS · Sagemcom · smarkia · life.augmented · viesgo · ZIV

Regular Members

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JOIN PRIME ALLIANCE

Membership

Benefits

Learning from other **utilities' experiences**

Access to all internal Alliance **documentation**

Access to internal **specification revisions and pre-release materials**

Involvement in **specification development**

PRIME Certification through approved **laboratories**

Certified products shown on the website, along with certificates

Participation to **interoperability workshops**

Attendance at **networking events** and **annual general members' meetings**

Collaboration through **PRIME's members' portal**

Active **participation in technical working group and promotional committee**

Company logo and information included on **PRIME's website** and PRIME booths at **events**

Use of **PRIME's trademarked logo** for promotions

Open and Safe Smart Grid Telecommunications

Achieving secure and reliable communications with utility control centers

PRIME (PoweRline Intelligent Metering Evolution) defines an **open, royalty-free and non-proprietary standard** for the only commercially available, massively deployed OFDM PLC technology that ensures **true interoperability and backward compatibility** among equipment and systems enabling the building of the electricity networks of the future, or smart grids.

- Chipsets
- Meter Devices
- Gateways
- Data Concentrations

Over 20 Million Smart Meters Deployed Worldwide!

Solutions

Applications

PRIME is leading the future of smart grid communications, focusing on different **main areas of development**:

1. **PRIME v1.4** as the **Telecommunications Network Management Platform**: managing the performance of all network and subnetwork elements
2. PRIME as the **LV Grid Monitor & Control Platform**: used for real-time applications such as remote control that brings real benefits to the planning, operation and maintenance of the LV grid
3. **Broadband PLC** for enhanced MV and LV smart grids services
4. **Plus Interoperability Platform** which offers a **DLMS/COSEM Companion**
5. A **Hybrid open PLC and RF IP multi-protocol platform** to cover the needs of the power utilities and their customer in the urban, suburban and rural areas

Certification

Benefits of Certification – A Unique Process

- Interoperability between different manufacturers
- Performance testing by independent laboratories
- Large-scale deployments comprising over 20M smart meters worldwide
- The PRIME Certification process is unique, carefully controlled by PRIME Alliance and a key differentiator for PRIME Alliance members, with neutral laboratories certifying vendor technologies and assuring compliance with PRIME Alliance Standards

PRIME is the **royalty-free** & **open standard** for the only commercially available, massively deployed, **OFDM PLC technology**, which ensures true interoperability among equipment and systems from various certified manufacturers.

Laboratories

DNV

ITE INSTITUTO TECNOLÓGICO DE LA ENERGÍA

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Stay in touch

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