

# PLC-Ready Association

a label to guarantee

Powerline Communication ( PLC) signal integrity  
on in-house electrical installation

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## why PLC-Ready

- ❑ Because of the increase of homes using PLC as network resources, the electrical installation and equipments connected are more en more concerned.
- ❑ On a neutral approach, independently of the transmission technologies alliances, there is the need for an organization being the reference for the definition of electrical infrastructure specifications related to the quality of services of the PLC networks

## funding members

PLCready Association has been founded at the beginning of 2008 , by the following Companies :

- **LEGRAND** represented by Alain Lambert
- **LEA** represented by Eric Berthaud
- **LAN Park** represented by Dominique Garreau
- **SCHNEIDER** represented by Xavier Pain
- **EATON** represented by Jean Marc Emonet

with the support of the **CETICE/** Armelle Damblin

## mission statement

- ❑ to define and lead an european standard and labelling initiative
- ❑ to guarantee the best Powerline Communication signal integrity within a private in - house electrical installation with its connected equipments to optimize the quality of services (QoS) for the end user and the service providers

## domain of applications

- ❑ in – house residential and multi-dwelling unit ( MDU) private electrical installations
- ❑ all connected electronic accessories and electrical equipments to the main
- ❑ not applicable to the in-house PLC function itself

## key objectives

- to gather multiple and significant experts to define the « best design guidelines » for in-house electrical installation and its connected equipments , so as to optimize PLC signal integrity transmission
- to promote a label to apply to these electrical installations and equipments
- to promote this label and its guidelines to the Main European Association , Consumer and installer Alliances , ISP, VAR and utilities

## positioning

- the PLCready standardization initiative is totally complementary to the on-going standardization work , in the fields of :
  - EMC ( IEC / CISPR )
  - PLC communication protocol ( IEEE 1901)
  
- the PLC Ready Association has permanent liaisons with :
  - Homeplug Alliance
  - UPA ( Universal Powerline Association )
  - ETSI ( European Telecommunication Standardization Institute)

## deliverables

- ❑ to release proposals of « PLCready » guidelines applying to electrical installations and equipments connected to the main
- ❑ to submit these proposals to the french and european Standardization Committees ( UTE, CENELEC )
- ❑ to define and establish the appropriate guidelines and procedures to verify the compliance of the electrical installation and all the in-house equipments connected on the main , to these standardization proposals
- ❑ to define terms and conditions for an independant laboratory to release the label of approval

## 2008 roadmap

- ❑ to release 2 standardization proposal documents , for the PLC-Ready label , dedicated to :
  - ✓ consumer electronic equipment
  - ✓ electrical installation of a certain type ( the type will be defined through a classification TBD)
  
- ❑ to apply the label procedure on certain class of installation and some pre-listed equipments defined by the Association

## management committee

- it ensures the consistency of all initiatives of the Association
- it is composed of :
  - Mr Eric Berthaud /LEA , as Chairman
  - Mr Alain Lambert/Legrand , as Vice - Chairmen , in charge of Standardization aspect
  - Mr Xavier Pain /Schneider , as Vice-Chairman , in charge of Labelling aspect
  - Mr JM Emonet : as treasurer
  - Mr Dominique Garreau , as General Secretary
  - Mrs Armelle Damblin , as General Secretariat

## membership

the PLC-Ready Association encourages diversity in its membership, representing major actors of the electrical and electronic chain, such as :

- ❑ Electrical equipment manufacturers
- ❑ Multimedia equipment manufacturer
- ❑ PLC integrators
- ❑ Technological PLC solutions
- ❑ Electrical installation expertises
- ❑ Electrical installers
- ❑ Service providers
- ❑ Telecom users Association ....

## how to join us

For all kind of informations, please contact :

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