



Press release

The G3-PLC Alliance and the DLMS User Association Sign Liaison Agreement to Extend Capabilities and Drive Innovation

Paris, France, October 6th, 2021. The G3-PLC Alliance, the world's leading industry alliance for powerline communication in smart grid applications, and the DLMS User Association (DLMS UA), a leading voice internationally in strategic energy management interoperability development and certification, today announced that they have signed a liaison agreement. Under the agreement, both alliances will revise and improve the DLMS/COSEM PLC profile for G3-PLC networks reflecting the upcoming publication of the new version of the G3-PLC specification by the International Telecommunication Union (ITU). Additionally, the two organizations will also work together to extend capabilities for multi-commodity AMI and IOT applications using the DLMS application protocol and data model over G3-PLC Hybrid PLC&RF networks.

“With nearly 100 members and over 80 million G3-PLC products in operation in more than 30 countries worldwide, the G3-PLC is the most adopted powerline communications standard that enables the smart grid vision,” said Cédric Lavenu, EDF R&D and head of the technical working group in the G3-PLC Alliance. “DLMS is the leading interoperability protocol worldwide. Of course, there has been a DLMS G3-PLC companion specification for a long time. Now that we have formalised the relationship between both organisations, important work areas include revising the G3-PLC interface classes to reflect the new version of the G3-PLC specification which will soon be published by ITU and which will incorporate the G3-PLC Hybrid PLC&RF solution.”

Using DLMS over the G3-PLC Hybrid PLC&RF communication standard opens up new use cases as it extends the connectivity of G3-PLC to RF-only devices. The hybrid profile will provide an efficient and cost-effective solution for many applications, including real time monitoring of critically important data operations in both energy and water management. This will allow utilities and operators to develop new services integrated into smart homes, buildings, industries and even cities.

“As DLMS further expands its global footprint, we are enthusiastic about the Liaison Agreement with the G3-PLC Alliance,” said Sergio Lazzarotto, President & Executive Director of DLMS UA. “The extension of the DLMS/COSEM G3-PLC to a hybrid PLC & RF profile will open new possibilities for users of DLMS/COSEM over

About the DLMS User Association

The DLMS User Association is a non-profit organization and a leading voice internationally in strategic energy management interoperability development and certification. Our mission is to foster member collaboration, drive innovation through standardization and deliver world leading specifications and certification programs that support interchangeable devices and secure data exchange. Recognized by major international standardization bodies, over 300 members currently use DLMS specifications in the IoT, e-Mobility, Smart Grid and Smart Metering segments.

For more information visit our website: <https://www.dlms.com>

Follow us on LinkedIn: <https://www.linkedin.com/company/dlms-user-association/>

About the G3-PLC Alliance

The G3-PLC Alliance is a consortium created in 2011 to standardize and promote G3-PLC technology globally. Today, the G3-PLC Alliance counts nearly 100 members that are international key stakeholders of the smart grid ecosystem, including utilities, semiconductor companies, equipment manufacturers and industrial companies. Together, they support, promote and implement the G3-PLC technology and established an industrial certification program to guarantee the interoperability of devices from different manufacturers.

For more information visit our website: www.G3-PLC.com

Follow us on LinkedIn: <https://www.linkedin.com/company/g3-plc-alliance/>

About G3-PLC Hybrid

The G3-PLC Hybrid is the first industry hybrid standard offering extended capabilities for smart grid and IoT applications in one seamlessly managed network over both wired and wireless media. The hybrid protocol stack is built using open standards IEEE 802.15.4-2015 in addition to the existing G3-PLC protocol. Each device in the mesh network can use PLC as well as RF for the communication. Depending on the actual conditions in the field, messages between two devices are sent over the 'best' available channel. The channel selection for each link in the network is done automatically and adjusted dynamically.

For more information visit our website:
<https://g3-plc.com/g3-plc/hybrid-plc-rf-2/>

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