



## G3-PLC Alliance Newsletter Q1 2022

Dear G3-PLC Alliance Community,

This month we issued the 500<sup>th</sup> G3-PLC certificate! Since opening our certification program in 2014 there has been a steady stream of certifications and now we have also certified more than 10 hybrid PLC&RF platforms and the first hybrid products. New certifications are ongoing at both test labs: TÜV in Japan and LANPark in France.

The G3-PLC Alliance further expands its footprint as it welcomes Gridspertise as new executive member. Leveraging on Enel Group's strong expertise of over 20 years, Gridspertise has extensive field proven experience in PLC solutions and is committed to work closely together on the development of new G3-PLC use cases especially for energy monitoring and advanced applications for grid management. The executive membership will officially start after the next General Assembly Meeting of the G3-PLC Alliance. We very much welcome Gridspertise to the Alliance and look forward to collaborate with them!

In March, we participated virtually at India Smart Utility Week as a silver sponsor. In the light of successful appearances at leading international events in recent years, G3-PLC Alliance will attend at least four key and hopefully live conferences and fairs across the globe this year. The next event is Enlit Africa, which takes place in a hybrid format in Cape Town from 7 - 9 June 2022. Join us at Enlit Africa in our booth, key note presentation or for drinks and dinner for members and guests on June 7<sup>th</sup> from 6pm. Further information will be provided in the upcoming weeks.

The banner features a dark blue background with a starburst effect of light rays emanating from the bottom center. In the top left corner, there is a circular logo for "Enlit Africa" with a yellow border and a cluster of yellow dots. To its right, the text "Formerly African Utility Week" and the "POWERGEN" logo are visible. The main text in the center-left reads "JOIN US LIVE, IN-PERSON OR ONLINE, AT ENLIT AFRICA, 7 - 9 JUNE 2022" in bold yellow letters. Below this is a yellow rectangular button with the text "CONNECT NOW" in black. On the right side, there is a large white circle containing the "G3-PLC Alliance" logo, surrounded by a cluster of yellow and orange dots of varying sizes.

Enlit Africa  
Formerly African Utility Week  
POWERGEN

**JOIN US LIVE, IN-PERSON OR ONLINE, AT ENLIT AFRICA, 7 - 9 JUNE 2022**

**CONNECT NOW**

**G3-PLC Alliance**

Finally, we are very excited to share an important new release of the G3-PLC specification which has been published end of March.

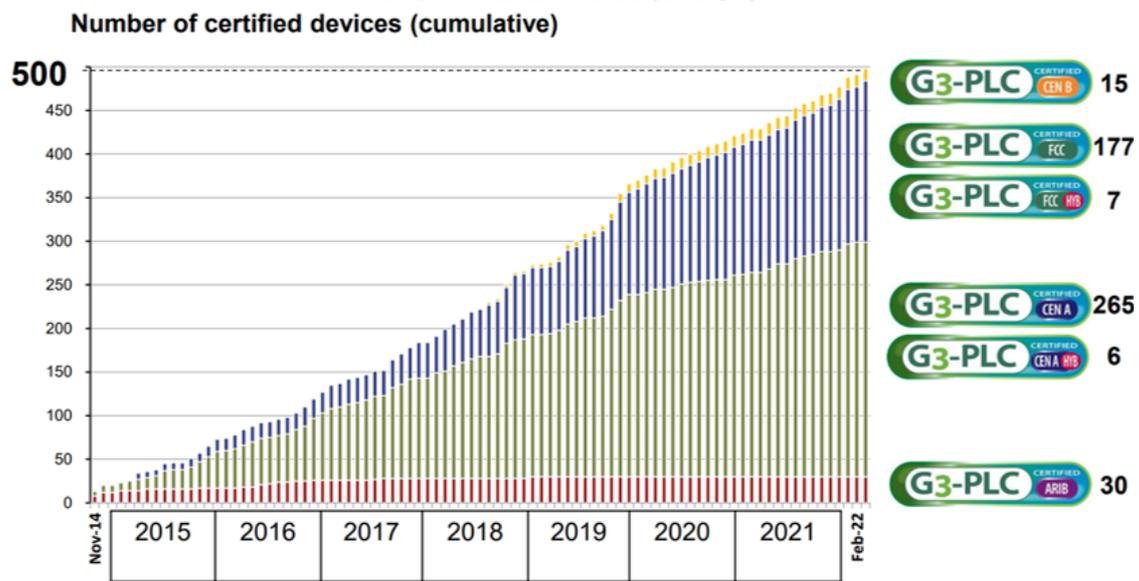
Read all developments below!

Kindest regards,

Marc Delandre, Chairman

Leon Vergeer, General Secretary

## The 500th Certificate has been issued by the G3-PLC Alliance



In April 2022, G3-PLC Alliance issued the 500<sup>th</sup> certificate! And both test labs are working on additional certification projects. The certified devices include devices from 68 different manufacturers and more than 10 hybrid PLC&RF platforms as well as the first hybrid products. High-quality certification will give both vendors and customers assurance that their meters, data concentrators and other devices, have the correct implementation of the G3-PLC standard, that they are interoperable with other certified devices and meet the specified performance levels.

Check our website for a list of all certified devices: <https://g3-plc.com/g3-plc-certification/certified-products/>

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## Important New Release of the G3-PLC Specification

A new version of the G3-PLC specification has been released end of March 2022. This version includes corrections & clarifications and several important contributions for the hybrid profile such as Frequency Hopping, Last Gasp and RF/PLC media switching strategy. In addition to the 860 MHz and 915 MHz RF bands that were already supported, RF bands for Japan, Malaysia and Indonesia have been added in this new specification.

The version of the specification that has now been published is a “beta” version of the specification. The reason is that a few technical items will be refined in the coming months and the “final” version is expected in the second half of

2022 after the first plugfest. Preparations have already started for a new version of the certification (version 7) which will cover these enhancements.

The latest specification is available on our website after logging in: <https://g3-plc.com/g3-plc/specifications-user-guidelines-private/> (if you do not have a login, you can request a login from [generalsecretary@g3-plc.com](mailto:generalsecretary@g3-plc.com))

Many thanks to all the contributors from the Technical Working group for achieving another major milestone for G3-PLC!

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## Gridspertise joins the G3-PLC Alliance

We are happy to announce that Gridspertise Srl., a subsidiary of Enel Group, has joined the G3-PLC Alliance as an executive member. Its executive membership will allow Gridspertise to actively contribute to the future of G3-PLC technology by developing new solutions to help distribution system operators manage the increasing complexity of the continuously evolving electricity grid.

Gridspertise leverages Enel's expertise in developing, testing and scaling up the best technologies to operate smart grids all over the world, and counts a significant intellectual property portfolio of field proven solutions for Distribution System Operators (DSOs) of any size and geography. Gridspertise provides access to cutting-edge sustainable solutions for the transformation of electricity distribution networks in three main areas: metering and grid edge digitalization, networks infrastructure digitalization, field operations digitalization. Target markets include Europe and Latin America, starting with the countries where the Enel Group already has a strong presence, and expanding towards North America and Asia-Pacific where the investment in smart grids will drive infrastructure upgrade projects in the near future.

For more information on Gridspertise, please visit [www.gridspertise.com](http://www.gridspertise.com)

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## Event Highlights

The India Smart Utility Week (ISUW) 2022, took place from 02-04 March 2022 on a 3D Virtual Platform. 2744 delegates attended the sessions, including 740 Utility Officials from India and Overseas. G3-PLC Alliance attended the event as a silver sponsor. Kaveh Razazian, CTO, Sagemcom delivered an inspiring keynote addressing the G3-PLC Hybrid PLC&RF Technology and the Proof of Concept results from Delhi. In case you missed this presentation, the recording and many others are available under G3-PLC Alliance website.

<https://g3-plc.com/videos/>

Looking ahead, the Alliance currently plans its presence at relevant fairs and conferences for 2022. The next big event is Enlit Africa, which takes place in a hybrid format in Cape Town from 7 - 9 June 2022.

G3-PLC Alliance attends the event as a silver sponsor and our members and guests are invited for drinks and dinner from 6pm on June 7<sup>th</sup> 2022. Further information will be provided in the upcoming weeks.

The Alliance also plans a one day live event in Paris on June 22<sup>nd</sup> for its members including a presentation by Professor Tonello from Klagenfurt

University on work done on G3-PLC followed by a visit to Enedis labs. All members are invited.

For our recent posts and other updates, please check our LinkedIn page: <https://www.linkedin.com/compa...>



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### G3-PLC Alliance

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