



C E R T I F I C A T E

Certificate registration number: G3.2605.802.2.A7

Certificate holder: SAGEMCOM ENERGY AND TELECOM SAS

Product designation: XP5000

Hardware version 253793266 (CONCENTRATEUR XP5000 G3 TR2 4G),

Firmware version TIG3.8.3.7.108

Certification date: May 22nd 2025

This certificate indicates the above-mentioned product successfully completed certification testing with regards to the G3-Alliance reference specification ITU G.9903 (08-2017) including Amendment 1 (05/21), Amendment 2 (03/23) and Corrigendum 1 (03/23), as published on <https://www.itu.int/rec/T-REC-G.9903>.

The certificate applies to certification profile CENELEC A and the device was configured as a PAN-Coordinator. The optional feature of the G3 protocol coherent mode is also covered by this certification.

Test cases have been performed as described in the test report referred to below. This certificate is granted on account of tests conducted by LANPARK in Tauxigny, France in April 2026. The results and remarks can be found in the complete test report.

Applied tests	Performed by	Document evidence
Conformance, interoperability and performance testing according to the test specification referenced by the test report	LANPARK	LAN26AF024


The device tested is a G3-PLC CENELEC A 3-phase data concentrator. The product is equipped with the G3-Alliance certified platform CPLG3 DC LINKY P1V1 with certificate no. G3.2605.796.1.A7. The Protocol Implementation Conformance Statement in the Annex includes the PICS related to performance and is an integral part of this certificate. This certificate is valid from May 22nd 2025.

The certificate is only applicable to the product described above and permits the use of the G3-PLC logo as laid down in the G3-Alliance logo license agreement.

This certificate does not imply assessment of the production. This certificate shall not be defined, or used as a guarantee covering quality of a product which includes G3-PLC. The liability of the Alliance and the test laboratory or any of her representatives is excluded for any damages or losses of the certified company.

Paris, May 22nd 2025

For the G3-Alliance:


Marc Delandre
 Chairman

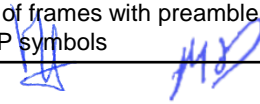

Madeleine Francillard
 Chair Certification Program



Annex 1: Protocol Implementation Conformance Statement (PICS)

Feature implementation statement

Name	Value	Description
BAND_PLAN	CENELEC A	Indicates the band-plan supported by the device
BAND_PLAN_RF	N/A	Indicates the RF band plan(s) supported by the device
FEATURE_PAN_COORDINATOR	TRUE	Indicates whether the device is a PAN-Coordinator (true) or a normal device (false)
FEATURE_COHERENT_MODULATION	TRUE	Indicates whether coherent modulation is supported
FEATURE_EAP_SERVER	TRUE	Indicates whether an EAP-PASK server is implemented by the DUT Applies only if FEATURE_PAN_COORDINATOR = true
FEATURE_D8PSK_MODULATION	TRUE	Indicates whether D8PSK modulation is supported
FEATURE_ROUTING	TRUE	Indicates whether routing is implemented by the IUT
FEATURE_SECURITY	F1	Indicates the security implemented by the device. Possible values are: F1, F2
FEATURE_ACTIVE_SCAN	TRUE	Indicates whether the active scan process is done by the IUT after power-up
FEATURE_PREAMBLE_COEXISTENCE_MECHANISM	FALSE	Indicates whether the preamble-based coexistence mechanism is used by the IUT
FEATURE_HYBRID_RF	FALSE	Indicates whether Hybrid PLC+RF feature is supported
FEATURE_FREQUENCY_HOPPING	FALSE	Indicates whether the Frequency Hopping mechanism is supported
FEATURE_PREAMBLE_12_SY_NCP	FALSE	Indicates whether the device supports the transmission and reception of frames with preamble of 12 SYNCP symbols





Annex 2: Protocol Implementation Conformance Statement (PICS)

PICS related to performance (1/2)

The device tested is a G3-PLC CENELEC A 3-phase data concentrator communicating on 3 phases. Testing was performed on phase 1.

Operating voltage applied for certification testing was 3x230V / 50Hz.

Name	Value	Unit	Description
<p>PICS related to performance are available through manufacturer only.</p>			

Handwritten initials



Annex 2: Protocol Implementation Conformance Statement (PICS)

PICS related to performance (2/2)

Name	Value	Unit	Description
<p>PICS related to performance are available through manufacturer only.</p>			

Annex 3: Copy of test report cover sheet

G3-PLC Certification Test Report		
SAGEMCOM ENERGY AND TELECOM SAS	XP5000 HW:253793266 (CONCENTRATEUR XP5000 G3 TR2 4G) FW: TIG3.8.3.7.108	
LAN26AF024	Ed.00	May 19, 2026 Page 1/48

G3-Alliance

G3-PLC Product Certification

Test Report

Vendor Name
Model Name
Serial N°
HW version
FW version

SAGEMCOM ENERGY AND TELECOM SAS
XP5000
022674013440
253793266 (CONCENTRATEUR XP5000 G3 TR2 4G)
TIG3.8.3.7.108

Test Report #
Date

TR_LAN26AF024 Ed.00
May 19, 2026

CONF Tests Specification	version 0.39.	06/06/2023
CONF Tests Suite	version 2.15p4.	08/2025
IOT Tests Specification	version 0.15.	06/06/2023
IOT Tests Suite	version 2.8p1.	10/2023
PERF Tests Specification	version 0.28.	06/06/2023
PERF Tests Suite	version 2.15p4.	08/2025

Test Tool	version 3.3.1	
Tester Modem	version 2.0.1	
Certification Test Procedures	version 7.2	20/12/2023

Certification Profile	A (CENELEC A)
Role	Data Concentrator
Overall Verdict	PASS

Initiation	Date	Description of modification	Ed.
Omar DIOUF	May 19, 2026	Creation	00

	Realised by	Checked by	Approved by
Name	Omar DIOUF	Vincent BUCHOUX	Thierry DOLIGEZ
Date	May 19, 2026	May 19, 2026	May 19, 2026
Sign			

The current report and the test results produced in this current are given for information only and must not be relied on by any third person for any reason.

This report contains an assessment of the apparatus carried out on samples submitted to the laboratory. The results in this report relate only to the items tested and were obtained in the period between the initial receipt of samples and the issue of the report. It should be noted that technical hardware or software modifications on the apparatus may impact the results reported in this document.