

## ATTESTATION OF CONFORMITY

Date of issue: 08 June 2015

Attestation number: 2014/08/001

The European Network of Transmission System Operators for Electricity (ENTSO-E), hereby declares that, in accordance with the section 5.1.2 of the CGMES Conformity Assessment Framework adopted on 11 April 2014, a second party assessment has been performed for the Application:

Transmission Network Analyser  
Version 2

for which an Attestation of Conformity was sought by Schneider Electric DMS NS D.O.O., a company registered in Serbia with registered offices at Narodnog fronta 25 A, B, C, D, Novi Sad, Serbia (corporate number 20422882) and Electricity Coordinating Center D.O.O., a company registered in Serbia with registered offices at Vojvode Stepe 412, PO Box 50, 11040 Belgrade, Serbia (corporate number 06971121).

ENTSO-E declares that the Opinion Body issued a positive opinion on the Conformity of the Application (Declaration of Conformity 05/12/2014) with the requirements of the Common Grid Model Exchange Standard (CGMES) version 2.4.15, the Conformity Assessment Scheme version 1.1.1 and asked the Assessment Body to issue this Attestation of Conformity for the following CGMES conformity levels:

Standard	Bronze
Profile Equipment Boundary	Gold
Profile Topology Boundary	Gold
Profile Equipment core	Gold
Profile Equipment short circuit	Gold
Profile Equipment operation	Gold
Profile Topology	Gold
Profile Steady State Hypothesis	Gold
Profile State Variables	Gold
Profile Dynamics	n/a
Profile Diagram Layout	Gold
Profile Geographical Location	Gold
Function Import	Gold
Function Export	Gold
Function Update and Repository	Gold
Function Diagram Layout	Gold
Function Geographical (GIS) location	Gold
Function Load Flow (Node-breaker input representation)	Gold
Function Load flow (Bus-branch input representation)	Gold
Function Dynamics	n/a
Function Short circuit	Gold

In accordance with the section 5.1.2.2 of the CGMES Conformity Assessment Framework, this Attestation of Conformity shall be valid for the full lifetime of this specific version of the Application, unless withdrawn in accordance with the procedure described in section 6.2 of the CGMES Conformity Assessment Framework.

For the avoidance of doubt, this Attestation of Conformity reflects the opinion of the Opinion Body on the Conformity of the Application with the requirements of the CGMES but cannot be regarded as granting any right or obligation of any kind towards third parties.

Brussels, 9/6/15

Place, Date



Konstantin Staschus, Secretary General

## Conformity Levels Definition Applying for this Document

The following definitions apply for the conformity levels of the application. The complete list of test use cases referred to hereafter is defined in the “Test Procedures and Conformity Categories” document available on the ENTSO-E Conformity Assessment Website.

### Standard category

The “Standard” category is the highest category, which measures the overall support of CGMES by an Application. The category has three grades:

- Gold (Full support) – shall be granted to an Application that passes all test use cases defined for CGMES conformity assessment;
- Silver (Support) – shall be granted to an Application that passes all test use cases marked as “Silver” and “Bronze” across all functions defined for CGMES conformity assessment;
- Bronze (Limited support) – shall be granted to an Application that passes all mandatory (marked with “Bronze”) test use cases defined for at least one profile or function.

### Profile category

The “Profile” category indicates which CGMES profiles are supported by an Application. The category has three grades:

- Gold (Full support) – shall be granted to an Application that passes all test use cases defined for the following CGMES function categories: Import and Export. The Application supports this profile in combination with other CGMES profiles supported by the Application;
- Silver (Support) – shall be granted to an Application that passes all test use cases defined for the following CGMES function categories: Import and Export;
- Bronze (Limited support) – shall be granted to an Application that passes all test use cases defined for the following CGMES function categories: Import or Export.

### Function category

The “Function” category indicates the level of functional support of CGMES by an Application. The category has three grades:

- Gold (Full support) – shall be granted to an Application that passes all test use cases defined for a CGMES function for the profiles supported by the Application;
- Silver (Support) – shall be granted to an Application that passes all test use cases marked as “Silver” and “Bronze” for a CGMES function for the profiles supported by the Application;
- Bronze (Limited support) – shall be granted to an Application that passes all test use cases marked as “Bronze” for a CGMES function for the profiles supported by the Application.