

DECLARATION OF CONFORMITY

I, Jan Konrad, International Services Director, hereby representing Unicorn Systems a.s, a company registered in Czech Republic with registered offices at Praha 3, V Kapslovne 2/2767, PSC 13000 (corporate number 25110853), declare that conformity of the Application

CTDS
Version 4.3

has been tested against the requirements of the Common Grid Model Exchange Standard (CGMES) version 2.4.15.

The Application was tested on the basis of the CGMES Conformity Assessment Scheme version 1.1.0, which includes test procedure, test configurations/models and the documentation templates provided by the Assessment Body, in accordance with the section 5.1.1 of the CGMES Conformity Assessment Framework adopted on 11 April 2014.

I declare that the performed tests unambiguously demonstrated that the Application fulfils the requirements defined by the CGMES for the specific functionalities on which my company declares conformity, resulting in the following conformity levels:

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

Comments:

1. CTDS is designed for data exchange and security assessment (load flow and contingency analysis).
2. Therefore, CTDS supports following profiles: EQ_BD, TP_BD, EQ_Core, TP, SSH, SV. Only data that is relevant for CTDS functionalities is imported into CTDS.
3. CTDS 4.3 version supports only bus-branch model exchanges and only full models.
4. Declaration of the Conformity for the Load Flow function and for the difference models is planned for next versions.

PRAGUE, 17. 2. 2015

Place, Date



Signature Representative
Jan Konrád

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.