

WG13 Issues - CIM Issues #5972

CIM-61850 Harmonization - define a method of using IEC 61850 data object names as measurement types

09/21/2022 03:27 AM - Tom Berry

Status:	New	
Priority:	Normal	
Target version:		
Author/Contact Info:	Tom Berry	Standard(s):
Base Release:		Version:
Solution to be Applied To:		Clause:
Solution Version:		Sub-Clause:
Solution Applied By:		Paragraph:
Completion Date:		Table:
CIM Keywords:		Originally Closed in Version:
Breaking Change:		Origination Date: 03/19/2018
Breaking Change Description:		Origination ID:
CIM Impacted Groups:	WG13	Originally Assigned To:
Requestor:	Tom Berry	

Description

IEC TS 62361-102 Recommendation R13, R14

IEC 61850 defines considerably more data objects than the list of measurement type names in IEC 61970. A generic solution is to add a new attribute in the CIM Measurement class to hold a IEC 61850 data object name.

Recommendation R13: CIM based standards should use selected IEC 61850 data object names as MeasurementType names.

Recommendation R14: [Alternative to R13] add a new attribute in the CIM Measurement class called IEC 61850 DataObject, which is an enumeration and the value will be any data object that is defined in IEC 61850.

It may be necessary to review and clarify some of the descriptions in IEC 61850 to avoid ambiguities.