

## CIM Joint Issues - CIM Issues #6547

### European extensions introduced in CIM17v40 are not compliant to the CIM Modelling Guidelines document.

10/24/2023 05:22 AM - Todd Viegut

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Target version:</b>		
<b>Author/Contact Info:</b>		<b>Standard(s):</b>
<b>Base Release:</b>		<b>Version:</b>
<b>Solution to be Applied To:</b>		<b>Clause:</b>
<b>Solution Version:</b>	CIM18v08	<b>Sub-Clause:</b>
<b>Solution Applied By:</b>		<b>Paragraph:</b>
<b>Completion Date:</b>		<b>Table:</b>
<b>CIM Keywords:</b>		<b>Originally Closed in Version:</b>
<b>Breaking Change:</b>	No	<b>Origination Date:</b>
<b>Breaking Change Description:</b>		<b>Origination ID:</b>
<b>CIM Impacted Groups:</b>	WG13, WG14, WG16	<b>Originally Assigned To:</b>
<b>Requestor:</b>	todd.viegut@gmail.com	
<b>Description</b> <p>The use of multiple inheritance is currently strictly prohibited within normative CIM and is overtly prescribed within formal rules in the CIM Modelling Guidelines publication maintained by the CIM model managers. These changes were first merged into the model in the CIM18v06 release. However, historically the modelling is associated with CIM17 and appears as normative European extensions in an Annex of IEC 61970-301 Ed 7.1. Therefore, this issue must be discussed in a Joint WG meeting.</p> <p>Refer to: <a href="https://redmine.ucaiug.org/issues/6548">https://redmine.ucaiug.org/issues/6548</a></p>		
<b>Decision</b> <p>23-Oct-2023 Hybrid Meetings - Minneapolis, MN:</p> <p>Discussed in this week's Joint WG meetings with the following decisions as outcomes:</p> <p>1) We should put more detail into the attribute descriptions as we move forward (like the approach WG16 has taken between NA and European markets). This does not need to happen before the merge next week.</p> <p>2) All attributes and classes will be brought into normative CIM (for example, the ExtEuOperationalLimitType.kind attribute will be moved into the OperationalLimitType (normative) class and, as agreed, a stereotype of &lt;&lt;European&gt;&gt; is to be added to it)</p> <p>3) We have classes in the Inf* packages that need to be corrected. The issue is that multiple inheritance appears in the UML diagrams generated into the 301/302/457, etc. The decisions / fix for this issue will be as follows: Prior to a 301 document generation the entire Inf* package (top level) is to be deleted (not permanently) before doc generation. This is applicable to all WGs (WG13, WG14, WG16)</p> <p>4) For the upcoming broad model merge (of all CIM packages across WGs) we only need to implement Decision 2 (above). Therefore, Chavdar will produce a CIM18v08 release that will correct the issues as described here. An additional WG13 issue will be created to track the specific of the changes to the Grid package.</p> <p>NOTE: Details of the meetings notes in Minneapolis are attached as well as the PPT presentation.</p>		
<b>Related issues:</b> <p>Related to WG13 Issues - CIM Issues #6548: European extensions introduced in ... <b>Closed</b></p>		

## History

#1 - 10/24/2023 05:22 AM - Todd Viegut

- Status changed from New to Open

#2 - 10/24/2023 06:00 AM - Todd Viegut

- Status changed from Open to In Progress
- Decision updated

#3 - 10/24/2023 06:00 AM - Todd Viegut

- Status changed from In Progress to Closed

#4 - 10/24/2023 06:01 AM - Todd Viegut

- Description updated

#5 - 10/24/2023 06:02 AM - Todd Viegut

- Description updated

#6 - 10/24/2023 06:03 AM - Todd Viegut

- Related to CIM Issues #6548: European extensions introduced in CIM17v40 are not compliant to the CIM Modelling Guidelines document. added

Files

IEC UTF Joint In-Person Meetings - Minneapolis, MN - Decisions on how to transition European extension in CIM17 into CIM18.docx	276 KB	10/24/2023	Todd Viegut
23-Oct-2023 - Joint WG Modeling Topics - PM Session - Modelling Guidelines.pptx	23 KB	10/24/2023	Todd Viegut