

## CIM Issues - CIM Issues #5882

### Model fans, motors, battery systems and similar auxiliary equipment with terminals

07/13/2022 10:24 AM - Tom Berry

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Target version:</b>	
<b>Solution Version:</b>	<b>Sub-Clause:</b>
<b>CIM Impacted Groups:</b> WG13	<b>Paragraph:</b>
<b>Requestor:</b> Tom Berry	<b>Table:</b>
<b>Standard(s):</b> IEC 61970-301	<b>Origination Date:</b> 07/13/2022
<b>Version:</b> CIM17	<b>Origination ID:</b> IEC TS 62361-102 Recommendation R5
<b>Clause:</b>	<b>Originally Assigned To:</b>
<b>Description</b> IEC TS 62361-102 Recommendation R5  The business needs for modelling fans, motors and battery systems and similar types of auxiliary equipment in control centre applications should be considered.  The IEC 61850 SCL allows fans, motors and battery systems to be defined either as types of general equipment or as types of conducting equipment. When defined as conducting equipment they will have terminals to allow modelling of their electrical supplies. There is no corresponding CIM class for these types of equipment within the connectivity model except the generic EnergyConsumer class.  Auxiliary equipment may be relevant for asset management purposes. Possible use cases - Switching auxiliary equipment in and out for maintenance. - Derating the primary equipment as function of the state of the auxiliary equipment	