### 61968-13 vs 61970 Profiles

GMDM Issue #18

The 61968-13 profiles and the 61970 profiles, while based on essentially the same set of underlying canonical CIM classes, divide those classes up differently, as shown below.



Because the GMDM Vendor Forum did not have time or bandwidth to consider the motivations and merits of the two ‘dividing’ approaches, a single ‘Basic’ profile was defined that covered the entirety of the physical grid descriptions. It could be considered equivalent to:

* 61968-13 Functional + ElectricalProperties (or 61970-452 Equipment + ShortCircuit) plus
* 61968-13 Geographical and AssetCatalog

To provide any sort of meaningful industry-standard interoperability for distribution grid model data, the profiles of 61968-13 and 61970-45x need to be harmonized. Hopefully this leads to the incorporation of the content of 61968-13 into 61970-45x and a set of well-organized data descriptions supporting the exchange of both balanced and unbalanced grid models.

Additional resources for the conversation: Martin Bass (ABB), Oracle, Survalent