Core Manufacturing Simulation Data (CMSD) specification is an information model made up of neutral definitions of a core set of manufacturing entities that are commonly used in manufacturing-oriented simulations. The purpose of CMSD is to facilitate the definition/exchange of manufacturing simulation related information for/between simulations and other manufacturing applications.

The major components of CMSD include :

* Part, part type, BOM, and inventory data
* Resource, resource class, setup, and employee skill data
* Process plan, maintenance plan, and shift related data
* Order, job, and schedule related data

The schema of CMSD is shown below:









