

Change Management Vs Configuration Management Can it be Automated?

1. The Bill of Material_(BOM) is single source of the truth
2. Change Management – Is the Revision Process for Parts and Documents
3. Configuration Management_(CM) – Is the Configuration Process of Where to place the New Revision. CM Allows the reuse and access of the BOM information
4. Spreadsheets - Difficult if not impossible to gain visibility, agility, and control
5. CM information - defines the starting point for a New Product Introduction (NPI)
6. CM can prevent the time-consuming and expensive reverse engineering that takes place when a physical product does not match the engineering documentation. Too often, when there is no configuration management in place, engineers are forced to develop new documentation that matches the physical product. Such processes may seem like “business as usual” in some environments, but they are completely avoidable using CM. As consulting firm Gartner Group notes, “54% of companies lack a single repository to review, analyze, approve and track changes across products.”
7. In daily use, the CM tool synchronizes with the Bill of Materials _(BOM). CM users can verify design and BOM information. By aligning Configuration Management to the Bill of Materials, users can prevent errors that creep in. Other benefits of BOM/CM alignment include eliminating errors during manual transformation of each unique product configuration into a resolved design, while translating customer orders into production orders, and when managing engineering change propagation.
8. Is your Change Management Manual?
9. Is your Configuration Management Manual?
10. Is your Drawing the only truth left?