NewConfigChart

Excel app

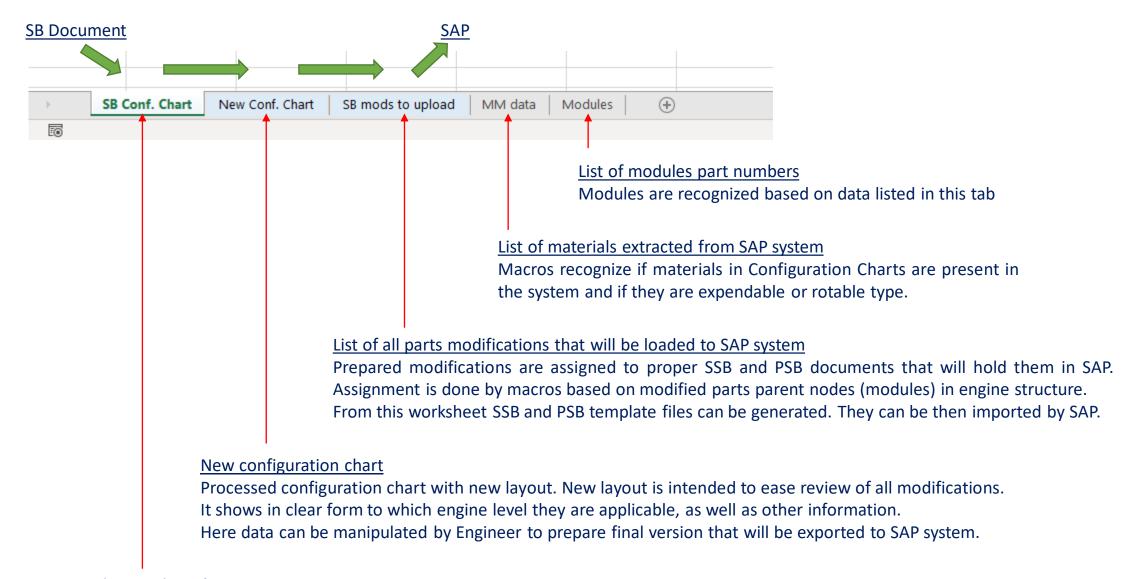
NewConfigChart uses excel macros to support transfer of Configuration Chart data from Service Bulletins documents to production SAP system.

It presents configuration data (modifications of engine structure) in a clear and easy to maintain form and is intended to support Engineering department in management of this data. Excel does almost all manual work reducing Engineers workload to minimum, allowing them to focus on crucial tasks.

NewConfigChart significantly increases system data quality as on different stages of the process it compares data from SB documents and data prepared by engineers with material data extracted from SAP system. This allows to catch any inconsistencies which can be clarified before new data will be loaded to the system.

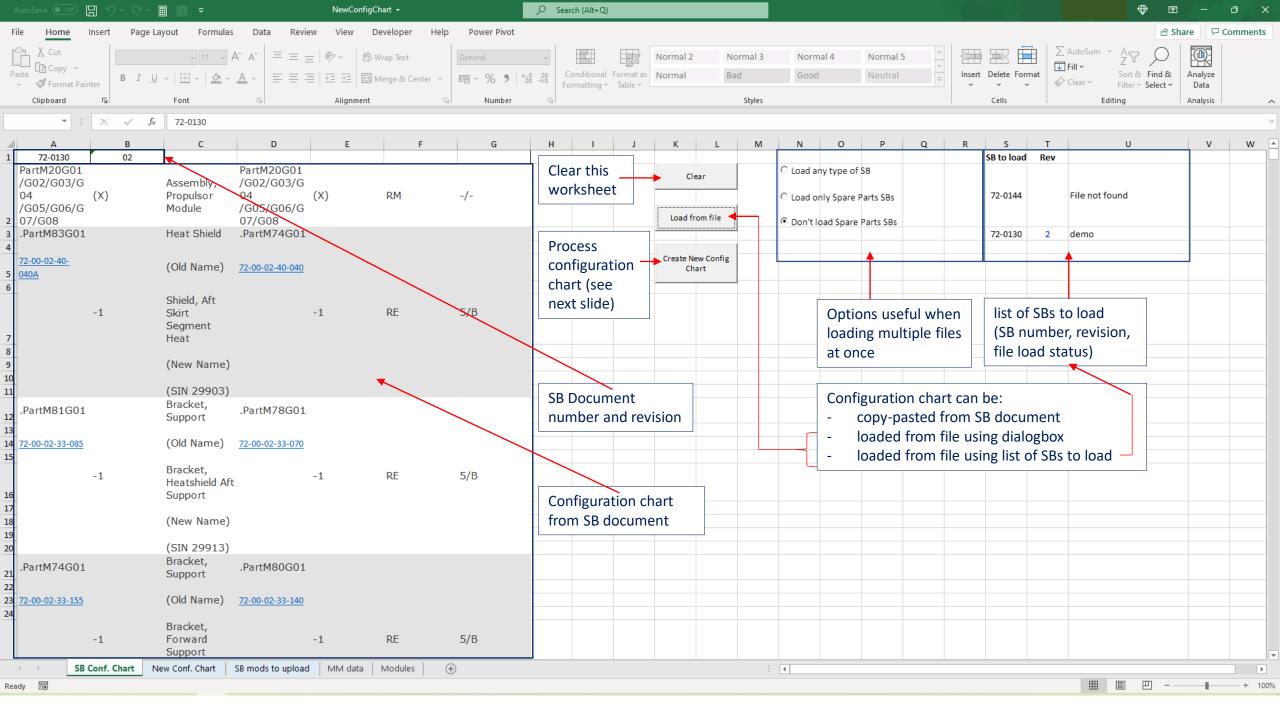
Note that when working in SAP directly each modification needs to be set individually by choosing pre-modification part number, node and variant, post-modification part number, node and variant, operation type and saving the record. This takes time.

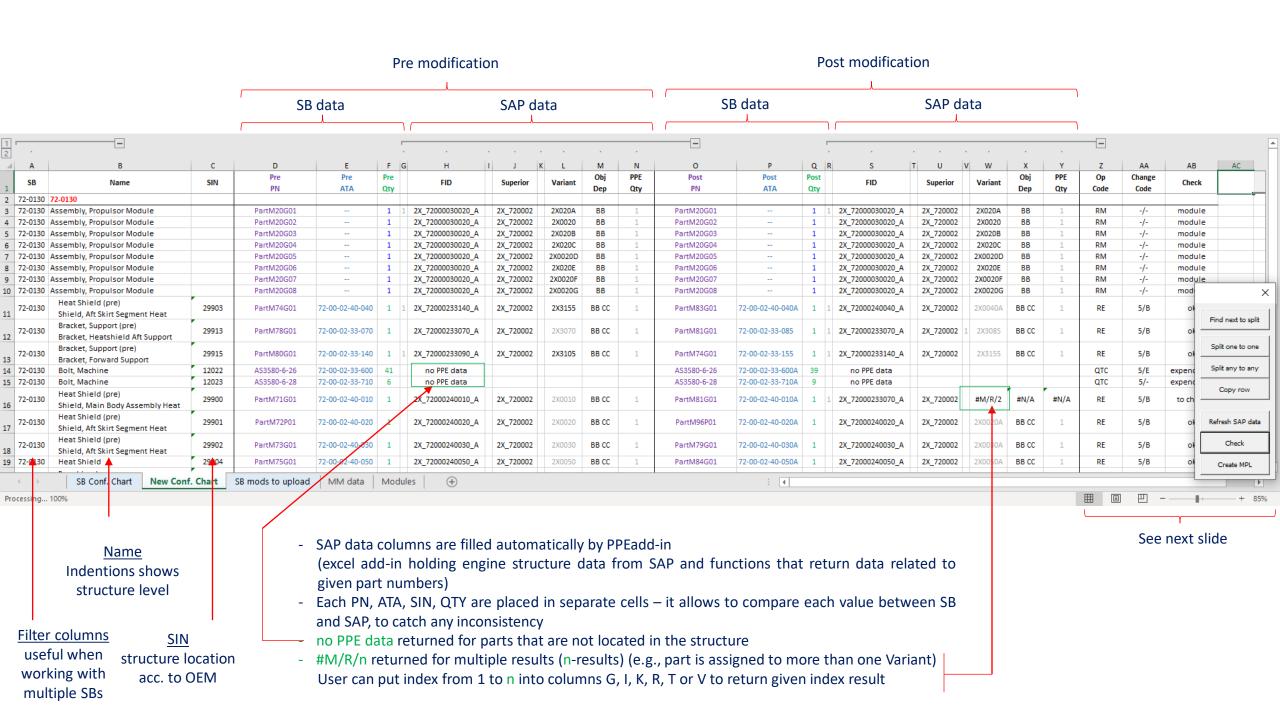
NewConfigChart prepares all this data upfront, based on material and structure data extracted from SAP and allows for mass upload of all modifications at once. In case of big service bulletins, it reduces time of data preparation from days to hours!

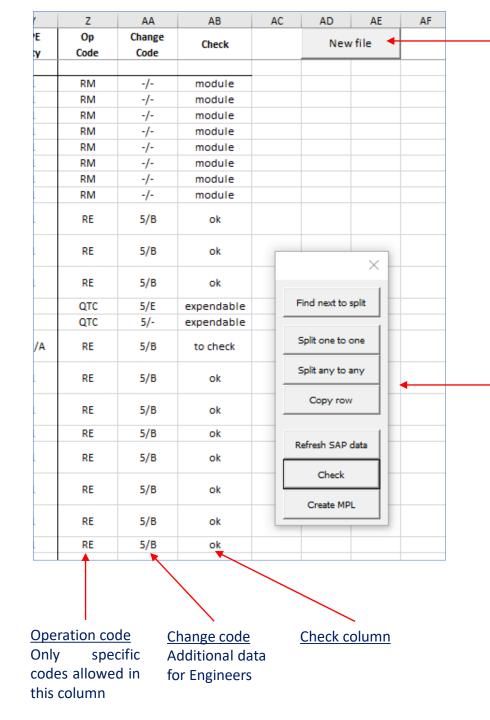


Old (original) configuration chart

Here the configuration chart with original layout can be pasted or loaded from file, to be then processed.







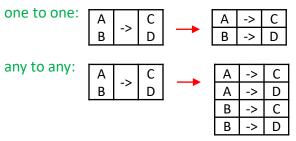
To save work done in this worksheet while not finished yet

Menu

When creating new layout macros tries to split grouped part numbers so each can be in separate cell, however in some cases it needs to be Engineer decision of how it should be split.

Find next to split - find any of cells containing more than one part number

Split – create additional row(s) to split cumulated part numbers:



Copy row - just copies row

Refresh SAP data – runs PPEadd-in to assign SAP structure data to all part numbers

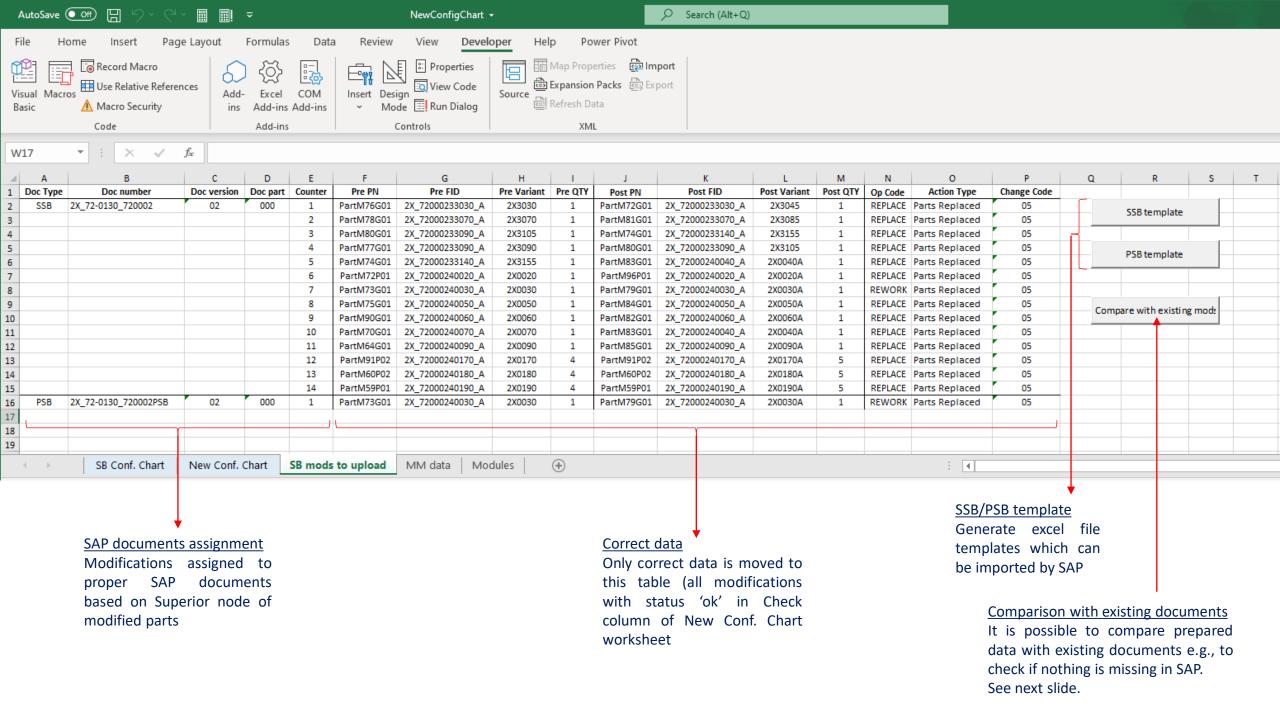
Check – checks data consistency and readiness to be imported by system, returns result to Check column.

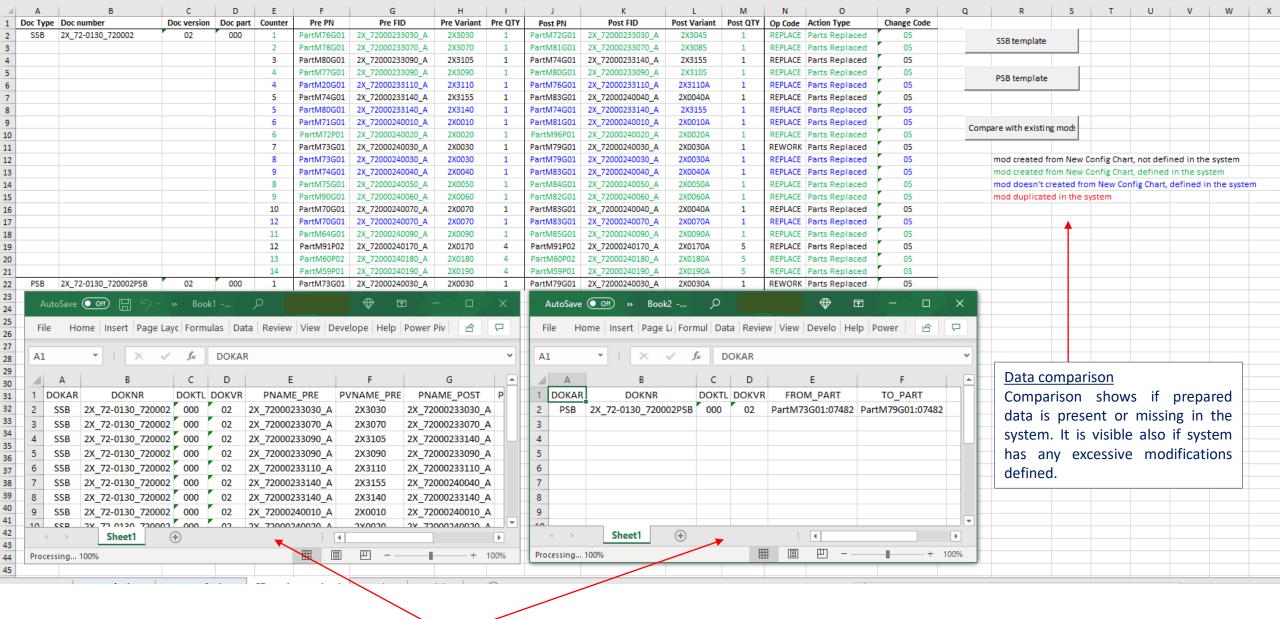
Conditions checked for each modification:

- modification affects module level
- pre PN and post PN are either both expendable or both rotable type
- both PNs are defined in SAP
- correct SAP data is assigned (no errors in FID, Superior, Variant, QTY or Obj.dep columns)
- operation code has correct form (allowed: RM, RE, RW, RI, QTC, AD, DE, RE/RW, RW/RE)
- single values in pre PN and post PN cells (no line feeds)
- SAP Qty's are numeric values and equal to SB Qty's

If modification complies to all conditions check column is populated with 'ok'. Otherwise, one of values can be returned: 'module', 'no MM data', 'expendable', 'exp/rot', 'to check'.

Create MPL – process prepared data to next step





SSB and PSB templates

Are generated as a separate files that can be saved on disk and then imported by SAP system