The electronic elements that specify the 3D Computer Aided Design (CAD) geometry and all design requirements for a product (including notations and parts lists), and the use of this data throughout an integrated CAD Systems, typically consisting of: Computer Aided Manufacturing (CAM); Coordinate Measurement Systems (CMS) and use of Coordinate Measurement Machines (CMM).
DPD Intent

• Show Customers we have a documented process handling their Datasets.
• Ensuring the original authority Dataset are secured, backed up and can not be altered.

• A process for AATC to check Customer Dataset integrity upon receipt. (Kubotek)
• Dataset segregation by status. (Pending RFQ, released or obsolete)
Dataset Security

- All original Customer Datasets are write protected.
- Can only be accessed by authorized personnel.
- Preventing Original Authority Dataset from being modified
Dataset Traceability

• Ensuring all Derivatives/Datasets trace back to original authority Dataset
• All Derivatives/Datasets will trace back to current Authority Dataset.
2D & 3D Derivatives

- Traceable back to Authority Dataset
- Ensuring special instructions pertain to respective departments
Dataset Flowdown

- Ensure dataset accuracy before sending to Supplier