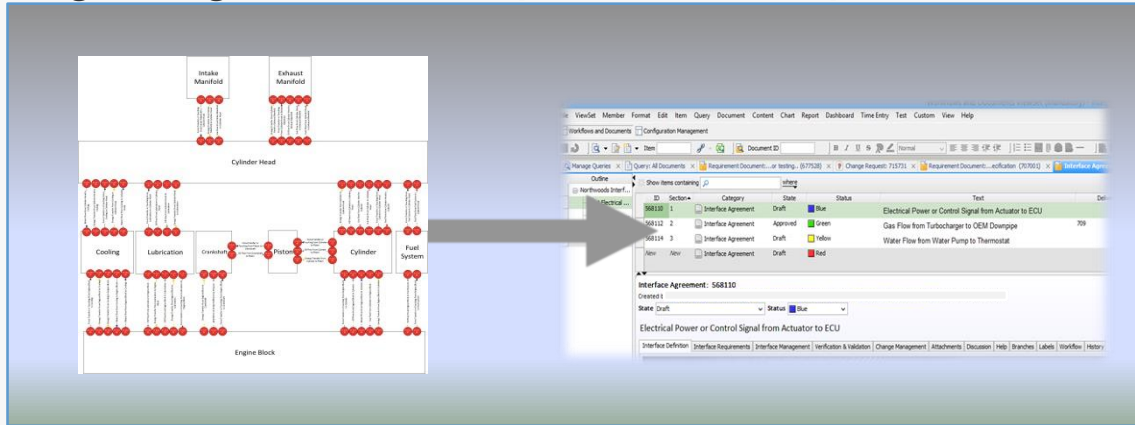# iVRT Business Case
Integrated Visual Relationships Tool

Project Basics:

A manufacturing company designed a new system to capture how requirements interact with each other in their requirements management tool. Once the interface design was structured into their tool, they contacted BAA about adding the interface data into the requirements management tool.

Engineering Hour load was dependent on the scope of work.

Tools:

- PTC Integrity
- MS Visio
- BAA iVRT
- MS Excel

Key Numbers:

- Process time from months to days
- 2000 Interfaces created.

Problem:

Customer had new interface infrastructure in their requirements management tool, but the interface data was in MS Visio. The manual process of migrating data from diagram to requirements management tool was overwhelming.

Solution:

BAA has developed a MS Visio Add-On called the iVRT, which allows users to give shapes data that can be imported and exported to external data sources. The tool is leveraged by transforming the original diagram into tangible data that can be easily migrated into the customer's requirements management tool.

Benefits

- Automation
- Time savings of not having to manually migrate data
- Data synchronization allows for up-to-date diagrams
- Visualization assists in identifying gaps in requirements
- Quality check: structure can be automatically set up in requirements database prior to data loading.

BAA INFORMATION ENGINEERING