



Performance Reporting

Gain real-time insights into production to rapidly solve problems and generate necessary reports for FAI and PPAP.

4 Key Elements to Better Performance Reporting

► Most Common Challenges

- Many of the customer reports (FAI, PPAP) require additional effort from engineers and technicians and often are not addressed until the parts are ready to ship.
- Since many manufacturing companies only record data on hard copy travelers, there is very little real-time data from the shop that highlights the need to take action.
- Since it is very difficult to access and organize part and process data, engineers typically can't take the time to identify the root cause of production problems.
- Most managers and engineers want to view and perform additional analyses on the data using tools in which they are familiar such as Excel.
- In most companies, it can take hours to organize the computerized data that is being collected in various formats from the various business systems.

► Solution Requirements

- The system should provide the data and formatting to fulfill the needs of the customer reporting for cases that require FAI or PPAP documentation.
- The system should provide part and process scorecards, and enable proactive alerting of engineers about emerging and pending problems on the shop floor.
- The system should provide enhanced capabilities to analyze root cause reasons of problems by comparing parameters of good versus bad parts.
- The system should furnish capabilities to analyze and export data using common formats such as CSV, XLS, etc.
- The system should provide the capability to extract, transform, and load pertinent data from other systems such as ERP, MES, SCADA

► DISCUS ENG Approach

- DISCUS ENG maintains all the data necessary to generate industry standard reports such as AS9102 FAI and ISO 13485 PPAP.
- ENG provides part and process scorecards that provide real-time status of metrics such as cost, quality, and delivery.
- ENG provides enhanced capabilities to perform root cause analysis by organizing and comparing the detailed BoX requirements and results data.
- ENG provides alerts to users based on real-time progress in the shop and performance against the BoX data
- The ENG integration connectors provide ETL capability to import data from other systems such as ERP, MES, and SCADA.

► ENG Benefits

- Reduces labor efforts for reporting by automating the production of internal and customer reports such as FAI, PPAP, etc.
- Improves yield by enabling the rapid identification of production performance issues and alerting engineers of potential problems.
- Reduces engineering labor by providing real-time part and process status as well as by furnishing the data necessary for any root cause analysis.

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