Case Study ~ Novartis (Vaccines & Diagnostics) – SAP Supply Chain project Novartis

I. Project Details:

Project Background: With this being a newly built facility the fine tuning of the supply chain was to be addressed.

This task is an extension of the previous Project which was a business re-engineering project across the whole of Vaccines Supply Chain. This has included the re-design and re-implementation of a new Sales & Operation Planning process. This project is planned to have a similar yet reduced scope as the previous project but focused on the Diagnostics Business Unit Immuno Manufacturing planning process.

Project Goals: SAP QM, MM and PP were the main modules of focus. Auto Signatures for QM were applied and batches run at a single time increased from 1 to 90 with Auto Signature.

- Migrate material batch release functionality from our client system into our SAP ERP 6.0 system; working in validated GxP pharmaceutical or biotechnology Management (MM) and Production Planning (PP).
- Completion of functional and technical solution design including testing and execution of change packages.
- Execution of data migration and cutover activities to support solution deployment.

Dead Line: Quality, Materials and Production Planning were all to be addressed over the course of 8 months.

II. Problem Analysis

Problems Faced: The lack of utilizing Auto Signature on the vaccines was preventing the client from running 90 batches at once in comparison to a single batch.

III. Business Challenges

Challenges Faced: Production was drastically being effected and by accessing Quality Management and the use of Auto Signature on the vaccines being produced the issue was addressed.
**Solution in Detail:** Auto Signature is a feature of SAP Quality Management and by utilizing this quality control production was increased 90% on every batch of vaccine being processed at a single time.

**IV. Implementation**

**Details:** Two key consultants were responsible for this project, an SAP SCM Project Manager and an SAP QM consultant.

Most of the tasks involved are Knowledge Transfer by working with client associates to gain knowledge required to complete remaining tasks. Support user community by ensuring users are trained in project procedures and supported in the execution of the roles as appropriate.

Also provide level 2/3 issue resolution and deliver continuous improvement activities. Work with the client PP Functional Lead in the development, documentation, testing and deployment of new solutions in accordance with client standards and procedures.

**V. Result**

**Details:** The client’s vaccine production was drastically increased by 90% on every batch of vaccines being run and increasing the amount of vaccines available for sale.