



INDUSTRY:

HEALTHCARE MANUFACTURING

Automation of the ROHS Process

Introduction

The client is a manufacturer and distributor of diagnostic imaging agents and radiopharmaceuticals for imaging modalities that are used in medical imaging procedures. The company offers dyes that are used in magnetic-resonance-imaging procedures and also manufactures medical diagnostic equipment including CT image machines.

The Challenge

To automate the ROHS process – this process requires an understanding of various formats of documents received by the manufacturer, which makes it a time-consuming manual task. There are about 3,000-4,500 documents processed on an average every year.

Manual AHT for the process – 30 minutes

Solution

Bots were deployed to extract information from multiple formats into CSV file, populate Supplier information from the Supplier Master Data, feed Supplier part number from CRB Portal in excel template, extract part numbers from the extracted CSV in excel template, run Header, and CAS check, and then generate declaration to generate the .xml file.

Outcomes

- **4.5 mins** BOT AHT for the process
- **85%** Minimum FTE Time saving
- **100%** error-free data handling
- Data accuracy and faster processing
- No manual intervention required
- Real-time Analytics and Business Intelligence
- Elastic and Agile Scalability to handle changing work volumes

Applications Automated

- PDF
- Microsoft Excel & Word
- Outlook
- Manufacturer Website link
- CRB Portal

Processes Automated

- Data Extraction
- Data Entry
- Data Enrichment
- Excel Manipulation
- Input File Creation

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