



## **SAP EDI Integration with Sterling Integrator (SI)**

### **Data integrity issues delayed corporate implementation**

#### **CLIENT**

A global manufacturer of construction and mining equipment, diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives in a solid leadership position worldwide.

#### **CHALLENGE**

SI EDI implementation was delayed due to SAP Integration issues:

- SAP implementation varied from client site to site
- Legacy EDI processing standards were not consistent
- EDI Mappers and Programmers were not familiar with EDI standards
- No automated testing tools were in place at the start of the project
- Long development was driven by incomplete testing cycles/results
- Initial data validation analysis revealed 38% transaction failure
- Project management and scope definition challenges

*“The data cleansing effort was much larger than we anticipated. The ability to examine the issue with data analytics was vital.”*

*Client Team Manager*

## SOLUTION

The challenges distilled down to the following three action items:

- Determine the impact to project implementation timeline caused by existing data integrity issues
- Determine the scope of data integrity and cleansing effort using both manual and automated testing tools
- Drive programming requirements to the development team and provide effective project management to re-scope the project and deployment effort for near term project completion

The Netra team analyzed and identified root causes of the data integrity issues. EDI transaction data errors were identified and validated using a 3<sup>rd</sup> party transaction generator from TIBCO (EDISM). A 38% EDI transaction failure identified was attributed primarily to data incompatible with corporate EDI standards. We proposed and led a data cleansing effort, collaborating with client teams and trading partners located worldwide. The Netra Project Manager led and managed the data cleansing team and drove efforts for data cleansing and code modification within SAP.

## RESULTS

- Brought increased awareness of problem scope to customer SME's
- Improved data integrity, resulting in EDI transaction success going from 62% to 96%
- Established metrics and analytics to monitor ongoing data quality issues
- Developed, tested, and implemented a new solution within limited time, executed data improvements, and helped achieve previously planned go-live integration dates
- Highly satisfied customer

## VALUE PROPOSITION

- Netra provided technically sound, highly skilled, and experienced EDI professionals both onshore and offshore
- Netra's global delivery capability reduced client's total cost of ownership tremendously

## TECHNOLOGIES

- TIBCO EDISM
- IBM STERLING INTEGRATOR