



APA ENGINEERING
A Class APart



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CASE STUDY

ACHIEVING COMPLIANCE EXCELLENCE



OUR CLIENT



Pioneering Thermal Management Solutions Worldwide

Our client is a renowned global manufacturing company specializing in automotive thermal management systems. Their offerings include heating, ventilation, air conditioning, powertrain cooling, compressors, fluid transport, electronics, and fluid pressure solutions. Their company operates in the **Americas, Asia, and Europe**.



CLIENTS CHALLENGES

Dynamic Regulatory Landscape



Ensuring compliance required staying current with regulatory requirements. However, the constant regulatory changes made integration into processes challenging. As the client manufactured and supplied products across several countries, it was essential to comply with local and international regulations.

Industry Data Requirements



As the client specialized in automotive and vehicle products, they were required to submit material data for their parts in production.

Process Gaps



As the organization expanded globally, regulatory process gaps resulted in incorrect or missing product data in compliance reports

Huge Data Volume



Manual assessment of the enormous volumes of product data from their global manufacturing locations and suppliers was laborious, resource-intensive, and time-consuming.



Supply Chain Compliance

The manufacturer relied on a complex network of suppliers. Supply chain compliance can be complex, especially with outsourcing. The manufacturer had to receive data from the suppliers to assess if there were any hazardous substances in the material composition to comply with regulations like ELV, REACH, SCIP, TSCA, PFAS etc. Due to the clients' more prominent presence in the US and EU region, they were also required to ensure ethical sourcing of minerals throughout their supply chain.



BRIDGING THE GAP: APA SERVICES AND SOFTWARE SOLUTIONS



APA provides compliance solutions worldwide and is dedicated to **delivering high-quality solutions** that guarantee customer satisfaction. Given the complex nature of the client's needs, we opted for a hybrid approach that combines consulting services with tools to **improve business operational efficiency**

1 IDENTIFYING PROCESS GAPS

Our APA compliance experts work with client teams to evaluate and enhance their organizational compliance processes through our **5-step Gap Analysis**. IMDS as a service and **MDS Xpress tool** were suggested to the client to meet the standard automotive benchmark for adherence to ELV, REACh, and RoHS.

2 AWARENESS AND TRAINING

One of our main objectives was to help our clients and their suppliers comprehend the significance of complying with the End-of-Life Cycle Directive. We also worked closely with our client's compliance team to ensure they thoroughly understood the IMDS system.



BRIDGING THE GAP: APA SERVICES AND SOFTWARE SOLUTIONS



3 SUPPLY CHAIN COLLABORATION, COMMUNICATION AND TRANSPERANCY

·The efficient responses to APA's requests for material information from suppliers, whether via calls or emails, are primarily attributed to the strong rapport built by our compliance experts with the supplier network of the client. By implementing new policies, we steadily transitioned their suppliers to provide material data through the IMDS portal. This led to supplier communication becoming more **streamlined and effective**.

4 BOM MANAGEMENT

Due to the volume of data involved, analyzing supplier data, validating the accuracy of BOM, and reporting on missing or obsolete components can be time-consuming and tedious. This step is crucial for the client as any inaccuracies or missing information could potentially hamper their compliance with regulatory standards like ELV, REACH. To save time, **reduce manual errors**, and **increase efficiency**, the supplier data was analyzed using the **MDS Xpress tool**. With the tool, it was easier to

- Identify unreported material in the BOM.
- Send out notifications to suppliers on the rejected and unreported material in the BOM.
- Build the product tree structure based on logic, which can be readily imported into the IMDS system



IMPLEMENTATION OF APA'S SERVICE AND SOLUTION HYBRID MODEL

- **IMDS System configuration**

- Organization information.
- Users, Roles, and Permissions.
- Enabled the compliances based on their industrial requirements.
- Notification and alerts.

- **Data Integration**

- Imported supplier and product information to minimize manual data inputs and improve efficiency.

- **Awareness & Training**

- The client received comprehensive training on the software's functionalities through webinars and online conferences. Our compliance experts were also available throughout the client's work hours to offer any handholding.





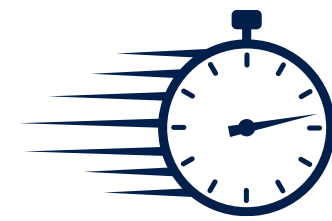
CUSTOMER SUCCESS

Through the continued use of our IMDS services and MDS Xpress software, the manufacturer over the year was able to

30% 



Decrease in overall costs through IMDS process automation



70% 

Automated IMDS tree structure analysis and reduced time



30% 

Automated IMDS submissions and saved costs





WHY 'APA'

A CLASS **APART**

1

400+ EXPERT TEAM

2

**TOOLS FOR ACCURATE
DATA ANALYSIS**

3

**GLOBAL OEMS & TIER 1
CUSTOMERS**

4

**OFFSHORE DELIVERY AT
COMPETITIVE PRICING**



Contact Us

We are just a call away



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