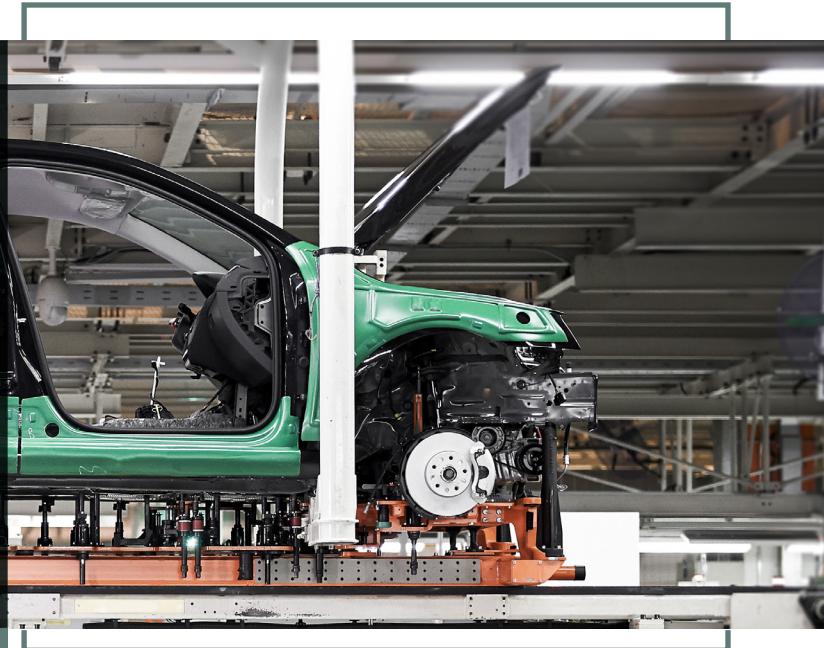


Motherson Technology Services Helped **Autoways** in Informed Decision- Making with SAP B1 on AWS

Client Overview

Autoways India is one of the leading automotive components manufacturers in India. They offer premium quality ignition wires, ignition coils, rubber and sheet metal components and diesel glow plugs.

In a rapidly growing and changing industry, the company has maintained its leadership position in the aftermarket with the capacity to supply its clients with an extensive OEM type product line and stringent process as well as quality control standards that provide reliability and improved performance to its end users.



Business Challenges

As the client's business was expanding, they were looking for an integrated solution to align the IT resource capacity and streamline their processes. With this integrated solution, they wanted to achieve informed business decision making with real-time access to information. Below were the challenges they faced:

- 1 Conventional techniques (shared sheets/Excel-based) were unable to deliver valuable data
- 2 Lack of visibility to real-time information to the management
- 3 Manual process for a Certificate of Analysis and batch planning
- 4 Lack of business planning in the absence of proper information

Our Solution

After analysing the client's functional and business requirements, We proposed SAP Business One on AWS. It enabled Autoways to access real-time information and helped them align their growing business needs.

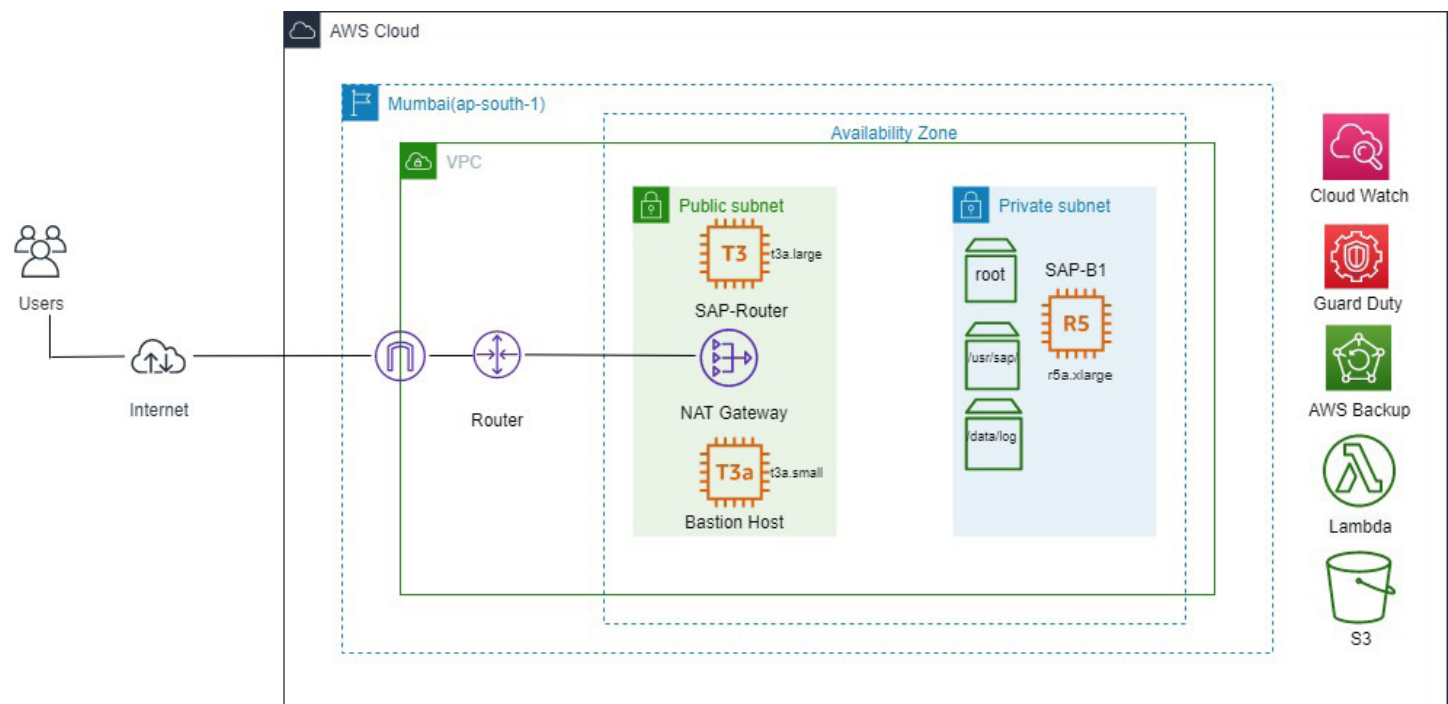
Being from the automobile industry, quality was a major concern for Autoways. Therefore, we proposed the solution accordingly:

- Proposed SAP B1 on AWS Cloud with add-on plug-n-play modules, such as Quality module, Process manufacturing etc., to gain real-time information access
- Enabled management to analyse data with convenient dashboards and customised reports generated from the integrated system
- Automated Certificate of Analysis with configurable PDF & Email options and Auto batch planning as per FIFO rule (shelf-life/ Expire Date)
- Integrated System enabling Auto batch planning as per defined FIFO rule

Key AWS Services Used

- | | | |
|---------------------|-------------------------|-----------------|
| • Amazon CloudWatch | • Amazon System Manager | • Amazon Backup |
| • Amazon GuardDuty | • Amazon S3 | • Amazon SNS |
| | • Amazon Lambda | • Amazon SES |

Solution Architecture



An Overview of How AWS Services Helped in Building the Solution:

- **AWS Systems Manager to schedule server activities**

With AWS Systems Manager, the Autoways team could view operational data from multiple AWS services and schedule operational tasks across AWS resources, i.e., stopping and restarting an EC2 instance and SAP-based services.

- **AWS GuardDuty to monitor & alert for any malicious activity**

We helped Autoways implement the AWS security service – GuardDuty for monitoring and getting alerts for any malicious activity and make informed decisions proactively.

- **AWS CloudWatch to monitor & alert for understanding the health of the workload**

We implemented the AWS monitoring service – CloudWatch to help Autoways monitor and receive alerts for CPU, RAM, and DISK utilisation and get a unified view of the overall operational health.

- **Reduced manual intervention and user-friendly cloud environment**

AWS provided an easy and user-friendly environment that enabled quick switching to a development instance in AWS. Also, no manual intervention is required, which otherwise is a tedious task.

- **Maintaining backup and DR approach as per defined policy**

With AWS backup service, Autoways was able to centralise and automate the backup of their application and database as per the defined policy.

Benefits

Autoways achieved the following benefits by implementing the proposed solution:



Real-time information for faster and informed decision making



Real-time visibility of information that helped in proper batch planning, accurate billing and improving overall manufacturing efficiency



Improved quality of output product and minimised rejection rate



Ability to make well-informed business and production plans to meet the dynamic requirements and prevent losses

About The Partner

Founded in 1975, Motherson Group is an industry leader and one of the world's largest manufacturers of components for the automotive and transport industries. The group's diversified portfolio makes it a complete solutions provider across the globe. Motherson Group serves its customers with a wide array of products and services through multiple business divisions including wiring harness, vision systems, modules and polymer, technology & software, aerospace, health & medical, logistics, retail and metal products. Motherson Technology Services is a global technology company that offers a consulting-led approach with an integrated portfolio of industry leading solutions that encompass the entire enterprise value chain. Our technology-driven products and services are built on two decades of innovation, with a future focused management philosophy, a strong culture of invention and co-innovation, and a relentless focus on customer-centricity. An SEI CMMI Level 5 company, we have delivered best-in-class services to 430+ clients in 41+ global locations across all continents. We are a business division of Motherson Group, one of the largest manufacturers of components for the automotive and transport industries worldwide with 150,000 employees across the globe.