



Case **Study**

**Sansera Engineering:  
Accelerating  
Innovation with SAP  
S/4HANA on AWS**

# Empowering Sansera Engineering's Digital Future on **AWS** with Seamless Precision.

InfraBeat onboarded Sansera Engineering on AWS Platform with a seamless transition from On-Premises, for hosting their SAP S/4HANA, Siemens PLM and other Business Applications. InfraBeat ensured an overall technological advancement without any risk, downtimes and executed the project with an overall quick turnaround

## Client

Sansera Engineering Limited, was incorporated in 1981 in Bengaluru and commenced commercial production of passenger vehicle components in 1986.



**34+**

Years of engineering excellence

**16+**

State of art manufacturing facilities

**8000+**

Workforce

**TOP-NOTCH**

Manufacturer of rocker arms, connecting rods & gear shifters in India

## Challenges

- Lack of Skilled Resources for On-Premises Hardware Management
- Overhead in Maintaining and Managing Infrastructure
- Hindrance in innovation due to ageing hardware
- Challenges in extending secure low latency Connectivity across Customer Remote Locations

## InfraBeat Solution

- Secure Landing Zone Setup on Cloud offering connectivity from all Global Locations combining MPLS, IPSec and Remote Access VPN Technologies
- SAP & Siemens Certified Infrastructure Platform offered by hosting Applications on AWS.
- Aligned with AWS, SAP & other OEM Best Practices
- Scalable Infrastructure to accommodate future growth & infrastructure requirements
- Secure Application Platform leveraging Sansera's existing Security Stack Investments

## Business Benefits Delivered

- Latest Generation Infrastructure delivering the Best of Hardware Performance leading to optimisation in various intensive Business Processes and Transactions.
- Operational Efficiency achieved through End-to-End Infrastructure and AWS Platform Managed Services along with Best-in-Class SLAs
- Gave Opportunities to Sansera IT Team to prioritize other business goals eliminating the need for maintaining and managing infrastructure
- Cost Optimization - Overall TCO Reduction achieved by right-sizing Cloud Infrastructure with a Pay-as-you-GROW Construct.
- 100% Uptime since Day One - Zero Infrastructure Failures, downtime events or issues leveraging Cloud-Native Resilience and Infrastructure-layer High Availability.

## Key Achievements



### Better Uptime and Availability of Infrastructure

AWS Cloud ensures a better uptime of infrastructure with SLAs which is ensured using AutoRecovery mechanisms and a highly redundant infrastructure without investing on additional infrastructure for Application / Database High Availability.



### Secure Landing Zone Setup

Comprising AWS Transit Gateway, Direct Connect and Fortinet Security Solutions



### Global Connectivity

Extended low-latency Connectivity across Global Locations including Remote Plans using a combination of IPSec, MPLS & SDWAN Technologies



### Cloud-native Backup and Disaster Recovery

Setup a Warm-Standby Disaster Recovery Setup without any compromise of RTO and RPO along with multiple recovery options in Primary and Disaster Recovery Region

