



Robert Bosch Case Study

About

The Bosch Group is a leading global supplier of technology and services. Its operations are divided into four business sectors: mobility solutions, industrial technology, consumer goods, and energy and building technology.

As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source.

The Bosch Group's strategic objective is to deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."

Challenge Faced

Robert Bosch faced numerous challenges with their new architecture and in deploying new applications due to incompatibility of the technology with their earlier cloud service provider. RB also faced multiple connectivity issues and experienced frequent downtimes of their environment.

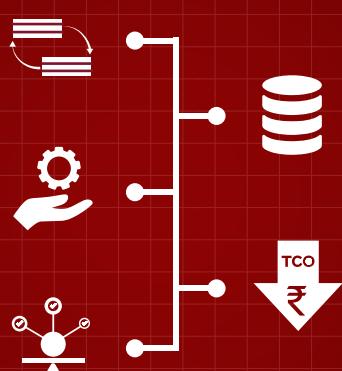
Without a Self-service portal, RB was not able to provision and decommission VMs on the move. This maximized the manual dependence, further delaying provisioning servers, administrative tasks and thereby, the time to market.

These challenges have influenced RB to look out for a state-of-the-art data center & cloud service provider who can provide:

Infrastructure on high availability

Self-service portal to easily manage their infrastructure

Stable network & environment



DB Cluster & Shared Storage

Infra & Services at Lower TCO

Customer Profile

Soumitra Bhattacharya

Managing Director, Bosch Limited
President, Bosch Group India

Dr. Andreas Wolf

Joint Managing Director,
Bosch Ltd., India

Jan O. Röhrl

CTO & Director - Bosch Limited

Industry:

Manufacturing | IT & ITeS

Established:

1951

Location:

Bangalore

Initial Challenges

- Lack of Self-Service Portal
- Connectivity issues
- Frequent downtime
- Incompatibility of technology with existing CSP
- Difficulties in new application deployment

Solution Offered

- Cloud infrastructure
- VPN
- 24/7 infrastructure monitoring
- World class support
- Configuring DB cluster and shared storage
- Cloud training to RB teams

Benefits Delivered

- Set - Up and Usage of Application of Choice
- Self Service Portal
- Stable environment
- Lower TCO
- High availability
- Stringent security

"The services at Pi are awesome. Response and resolution time are quick. Thanks to the team from Pi, for providing extended support on time.

Sanchit Agarwal
Director IT, Bosch

Solution from Pi

Pi offered RB, cloud infrastructure, VPN, 24/7 infra monitoring and world class support to back their new architecture and applications. As detailed implementation plan was crafted and followed in provisioning all the VMs and establishing a secure network by restricting VM IP's to Robert Bosch only. Pi continuously communicated to RB and all stakeholders on the developments, during the implementation phase.

Pi extended its support to RB in implementing its new architecture by configuring DB cluster and shared storage. Pi also provided cloud training to enable RB's teams to self-manage their infrastructure.

Benefits Delivered

Set - Up and Usage of Application of Choice

RB could successfully set up new applications with required architecture framework, without any limitations. They can now use their applications of choice (Apache & Tomcat web services), for their product engineering requirements

Self- Service Portal

RB can now self-provision and manage infrastructure through self-service portal, cutting down the manual dependencies and reducing the time to market

Stable Environment

RB now experiences a stable environment for their applications, without unplanned downtimes

Lower TCO

RB enjoys state-of-the-art infrastructure and world class support at a relatively lower TCO