



Daimler India Commercial Vehicles Pvt. Ltd. (DICV)

About The Company

Daimler India is a subsidiary of the German Daimler AG who designs, manufactures, and sells medium and heavy-duty commercial vehicles (M&HCV) in Indian terrain and its overseas territories. Headquartered in Chennai, DICV is a leading automotive company that spreads over 400 acres hosting all functions viz., Research & Development, Product Planning, Operation & Quality Management, a full production facility, Marketing, Sales & After sales, Finance & Controlling, Human Resources. Having a strong presence in India, remarkably it has sold more than 500,000 vehicles in 2018.

www.daimler-trucksasia.in

Background

Daimler India, as part of their modernization efforts and to improve business process; wanted to have a compact, highly efficient and less complex data center for ERP and inhouse applications.

DICV selected Vertiv™ as its partner to design and build fully integrated solution to address their key concerns. Vertiv proposed its innovative offering i.e. SmartRow™ focusing on energy efficiency, intelligent monitoring and management of all processes while reducing overall operating costs. The solution should also be scalable enough to accommodate the future needs of business expansion.

Case Summary

Location: Chennai, India

Vertiv Solutions: SmartRow™ with integrated features such as:

- Racks with IPDUs
- Liebert™ APM for modular UPS with Battery System
- Liebert™ CRV for Precision Cooling
- RDU G2 with Monitoring Device and Sensors
- Security and Fire alarm system
- Biometric access control system

Critical Needs: Highly available and efficient infrastructure that occupies less floor area of the customer's new server room. Moreover, the solution should be flexible and agile enough to meet the capacity demands in near future.

Results:

- Significant saving on Power, Space and Cooling up to 30 %
- Improved IT availability and minimized downtime
- Rapid deployment meeting the customer's project delivery time line
- Single dashboard based monitoring feature that provides complete information on real-time basis

Challenges:

Operational Efficiency- Daimler India had to improve the performance across its existing IT infrastructure by establishing proper synchronization among all the critical components and its smart monitoring to implement their digital strategy effectively.

*24*7 System Availability-* To achieve the best out of IT systems hardware, Daimler India had to ensure the system remains up round the clock with redundancy at all levels of its data center.

Optimal use of critical parameters- To reduce the total cost of operation, Daimler India wanted to have the reduced usage of power by setting up most efficient cooling solution in place and flexible space utilization to meet the future growth.

Vertiv Solutions:

Intelligent Monitoring- Vertiv provided a single dashboard application to monitor all the Space-Power-Cooling equipment with BMS on a unique platform.

Asset optimization- Vertiv offered redundancy on electrical path, Network, Cooling, Power, etc. thereby facilitating the customer's IT infrastructure to be available for maximum hours.

Results Realized by Daimler:

System Flexibility- The biggest relief from technology upgradation comes for Daimler from Vertiv solution is that at any time they can expand their infrastructure without making much modifications.

Improved Performance- From the tests carried out at Daimler, there has been reduction in power usage up to 30 %. And the solution also bridges the gap between Facility & IT, and shares real-time information.

International Standards- As a leading player in the international community of automotive organizations, Vertiv's solution adheres to the best practices aligned to the safety norms and Daimler guidelines.



"We would like to place on record and appreciate the efforts put by Smart Solution Installation team for their dedication, coordination and commitment towards project work and making Smart Row operational, meeting the required timelines, complying with all Technical specifications & Datacenter standards. The system is commissioned successfully and the project delivered with quality workmanship."

**R. Murali, Asst. Gen. Mgr.- IT Systems & Infrastructure
Daimler India Commercial Vehicles Pvt. Ltd.**

Business Value:

Enhanced Operation- Daimler can integrate many functions to its ERP by developing in-house applications to support its day-to-day operations.

Customer Success- To deliver a superior service to its dealers network across the country, Daimler can leverage various digital technologies for attaining end-user satisfaction.

End-to-end solution- Being a world-class OEM in the critical infrastructure field, Vertiv single handedly deployed the solution without the intervention from any third party enterprises which results in an unmatched aftermarket service at anytime.

For more information on the SmartRow™ and other infrastructure solutions, please visit www.vertiv.com.