

Mahindra Satyam: Benchmarking of electronics/electrical architecture for commercial vehicles

<p>Service Provider: Mahindra Satyam Customer: Global commercial vehicle manufacturer Vertical: Commercial vehicles</p>	<p>Customer Profile: Manufacturer of trucks and special commercial vehicles</p>
<p>Business Requirements:</p> <ul style="list-style-type: none"> Commercial vehicle OEM observed that current electrical & electronic architecture is resulting in multiple and varied number of problems/concerns at truck body builders, fleet owners, servicing & maintenance teams. Mahindra Satyam is engaged for: <ul style="list-style-type: none"> - Complete study of 'voice of customer' - Comprehensive understanding of the industry best practices for commercial vehicle electronic architecture - An approach to address majority of current customer concerns 	<p>Solution:</p> <ul style="list-style-type: none"> Detailed study, cost-benefit analysis of 16 key sub-systems of the five different competing products in the market Benchmarking on 10 key parameters like complexity, scalability, flexibility, cost, etc. Study future trends of wireless application development as applicable to commercial vehicles Consolidation of best practices in designing & implementing future electronics architecture Encapsulate the future technological trends (for the next 5-10 years) and recommend feasible solution roadmap
<p>Results Achieved</p> <ul style="list-style-type: none"> Four major areas of concern for the OEM are being addressed: Customer satisfaction, warranty & maintenance issues, fuel efficiency and safety Best-in-class architectural design for future products 	