



MELLOWVANS

STREAMLINING DESIGN AND DATA CONTROL



ABOUT

Founded in 2012, Cape Town-based **MellowVans** designs and manufactures compact electric vehicles for low-cost, emission-free last-mile delivery.

The vans provide 2000 L of lockable, configurable cargo space—including cold-chain options—and were proven through seven years of trials with global industry leaders.

Field testing showed 99.8 % uptime, R 16.94 average delivery cost, and a 158 % boost in driver earnings.

CHALLENGE

Before adopting SOLIDWORKS, MellowVans struggled to combine solid and surface modelling. Data storage, traceability, version control, and data sharing were not up to standard, making collaboration slow and increasing the risk of errors and rework. The team needed one CAD system and PDM vault to improve modelling and keep everyone working on current, reliable data.

SOLUTION

Implementing [SOLIDWORKS Standard](#), [SOLIDWORKS Professional](#), [SOLIDWORKS Premium](#) and [SOLIDWORKS PDM](#).

RESULTS

- Collaboration and data sharing improved dramatically
- 25% reduction in overall design time achieved
- Accurate BOMs lowered parts costs by 10%
- Product quality increased through consistent data control

“ Our collaboration and data sharing have improved significantly, and the quality of our products has also seen a drastic improvement. ”



Anthony Tennick
Mechanical Engineer