

The Coherix logo is positioned in the top right corner. It features the brand name 'Coherix' in a bold, white, sans-serif font. Above the 'e' and 'r' in 'Coherix', there are four small white dots arranged in a horizontal line. A registered trademark symbol (®) is located to the upper right of the 'x'.

**Coherix**<sup>®</sup>

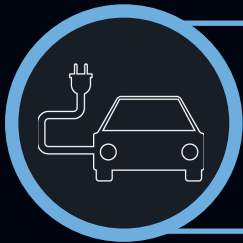
THE NEXT DIMENSION  
OF PERFORMANCE

The title 'CASE STUDY' is centered in the lower half of the page. It is rendered in a large, light blue, sans-serif font. A thin white horizontal line is positioned directly below the text.

# CASE STUDY

The subtitle is located below the title and above a horizontal line. It is written in a white, sans-serif font, all in uppercase letters. The text is centered horizontally.

HOW AN EV OEM USED Z-TRACKING  
TO OVERCOME PART-TO-PART  
VARIATION



One of the largest global EV OEMs ran into issues dispensing sealant on battery trays. Variation in the chassis-size battery trays were causing 5-6 dispensing nozzles to break every week.

Every time the nozzle broke, the cell had to be shut down so that a worker could manually replace the nozzle. The average response time was 30 minutes to replace one broken nozzle.



The cost of shutting down the line in this high-volume EV manufacturing plant is conservatively estimated at \$2,500 a minute, which accounts for labor and units lost.

Looking for a solution to this expensive problem, the EV OEM installed Coherix 3D Z-Tracking on their battery cover sealing stations. Z-Tracking dynamically adapts to each battery cover's individual variations to maintain acceptable tip-to-part distance for sealant dispensing.



Once Z-Tracking was installed, the OEM went from 5-6 nozzle breaks a week to ZERO nozzle breaks a week. Leading the plant to save over \$450,000 a week in downtime caused by broken nozzles.

## RESULTS & BENEFITS FOR THE CUSTOMER



COST SAVINGS



LABOR SAVINGS



PRECISE RESULTS