

HARTING MICA Case Study - Condition Monitoring for Automotive Plants



Pushing Performance

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The Application

An automobile manufacturer needed to extend the life of their equipment by 10 years as well as prevent unexpected downtime and operate at optimal efficiency. The company needed to monitor the parameters of their equipment in real time so that if anything was out of the ordinary, maintenance could be performed immediately. The company also needed to ensure that downtime would be minimized. This means that they would need to know whenever a parameter was out of operating range so that they could fix it before it caused a machine or conveyor breakdown.

Our Solution

The company used a HARTING MICA with MODBUS/RTU interface, MODBOX (by partner Formsmidia) and a customized sensor. This solution monitored vibration, temperature and current of the electrical drive and conveyor. If anything was out of operating range, the company would be informed immediately and the issue resolved before any unexpected downtime occurred.



HARTING MICA® CISS Complete IIoT Starter Kit

Learn more at: [HARTINGMICAStarterKits.com](https://www.hartingmicastarterkits.com)

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