This report focuses on the global market for vibration sensors. The market analysis in this report addresses vibration sensors that are used for assessing the mechanical status of machinery for condition monitoring applications in the industrial automation market and excludes industries and applications that fall outside of this definition.

ARC has categorized vibration sensors by three different sensor types including accelerometers, velocity transducers, and displacement transducers and by five different sensing technologies including piezoelectric, piezoresistive, strain gauge, inductive, and capacitive. This report includes revenues derived from shipments of these vibration sensing technologies.

ARC expects the market to grow during the forecast period, despite political crises and currency fluctuation in the world economy.

A key trend has been the Industrial Internet of Things (IIoT) and the desire to better understand the health of machinery and equipment to improve manufacturing operations. Manufacturers continue to battle the challenges of an aging workforce and operations moving into locations that are remote or lack access to expertise. Growing technical regulations and standards (globally, regionally, and country-wise) are driving greater complexity in product requirements. Thus, the demand for vibration sensors continues to grow for better machine health or condition monitoring, analysis, and decision support purposes.

For more information about this research, please contact your ARC Client Manager or visit us at www.arcweb.com/market-studies/.

Original equipment manufacturers often stick with their current suppliers of vibration sensors. In Asia, price still plays an important role, while in Europe reliability and increasingly embedded intelligence are important buying criteria. This market research answers key questions such as:

- How to best position vibration sensors within an information-driven manufacturing value proposition?
- Why is predictive maintenance the key driver for determining the condition of equipment?
- Why is IIoT the key driver for vibration sensors?

This ARC research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

The research identifies all relevant suppliers serving this market.