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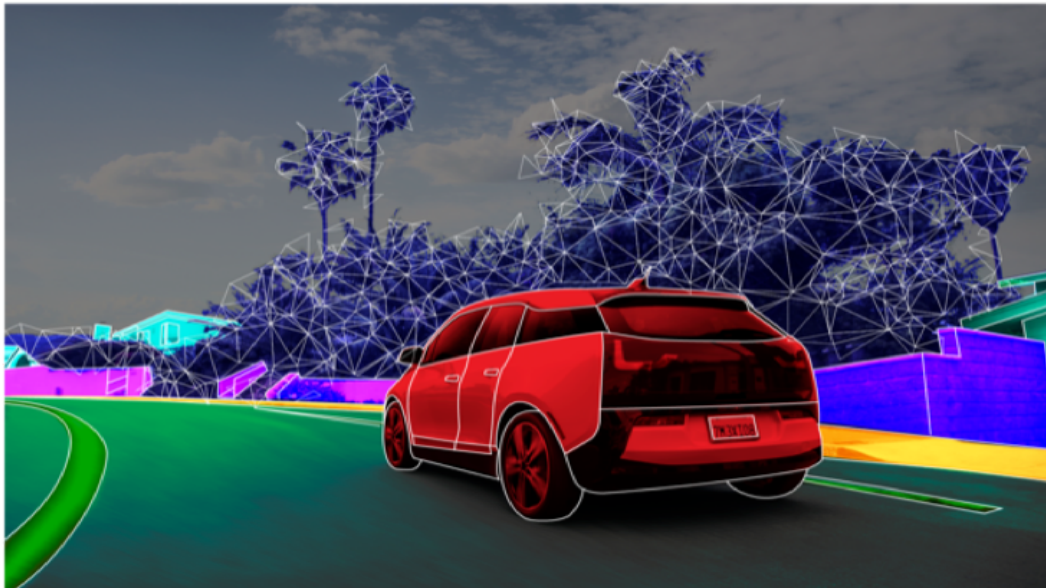
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COMPUTER VISION FEATURE

Robotics Vision Processing: Object Detection and Tracking

Developing visual analysis logic involves implementing solutions that can determine the orientation of objects, deal with moving objects, and perform navigation. The foundation for this starts with two important tasks: preprocessing data and feature detection.

[Read more](#)



MEDICAL AI RESEARCH NEWS

NVIDIA and NIH Researchers Generate AI Tool with Clara Train SDK to Improve Prostate Cancer Detection

NVIDIA and the National Institutes of Health (NIH) joined forces last year to create clinical deep learning tools for diagnostic imaging. The tools leverage imaging and pathology data to help physicians understand the physical and cellular structure of diseases like prostate cancer.

[Read more](#)

AI MEMORY & STORAGE NEWS

Microchip Launches Analog Embedded SuperFlash Technology for AI Applications

Microchip has released the memBrain neuromorphic memory solution, provides an in-memory analog compute method that enhances AI inference at the edge.

[Read more](#)

AI PROCESSING NEWS

Micron to Produce 1z Nanometer DRAM Process Node

Micron Technology, Inc.'s progressions in DRAM scaling will spearhead mass production of 16Gb DDR4 products using 1z nm process technology.

[Read more](#)

AI MEMORY & STORAGE NEWS

Frost & Sullivan Releases Global Autonomous Driving Industry Outlook for 2019

Frost & Sullivan released its Global Autonomous Driving (AD) Industry Outlook, 2019, which underlines future industry and technology trends for automotive.

[Read more](#)

AI MODELING NEWS

One Stop Systems Launches AMD EPYC 7002 Series Processor

One Stop Systems, Inc. released its PCIe Gen 4 expansion building blocks portfolio that sustains servers based on AMD's EPYC 7002 Generation Processor.

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WEBCAST

Panel Discussion: Deploy AI at the Edge

Sponsored by: **ADVANTECH, congatec, ISS**

Date: **September 26, 2:00 p.m. ET**

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SPONSORED BLOG

Executive Viewpoint: Wind River's Take on Security

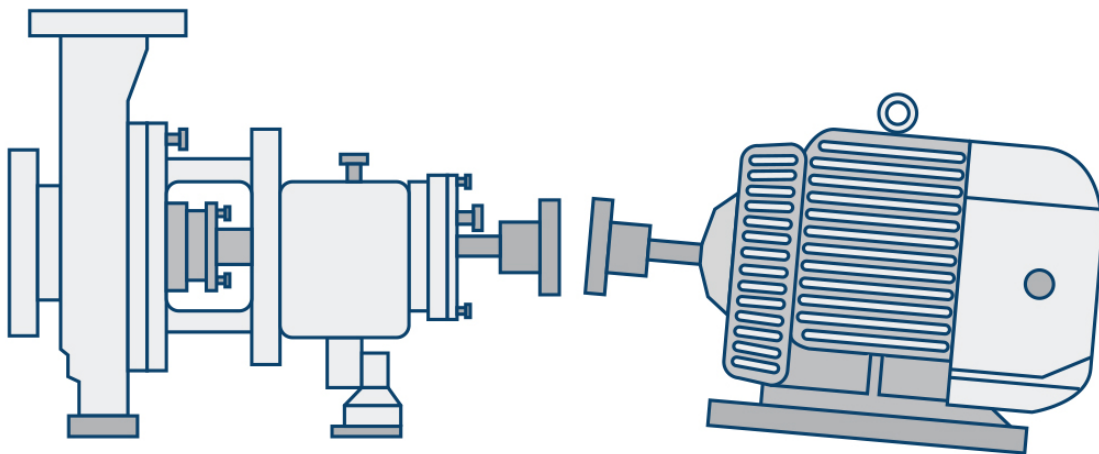
Embedded Computing Design (ECD) recently sat down with Wind River's Chief Security Architect Arlen Baker to discuss the latest trends in security.

[Read more](#)

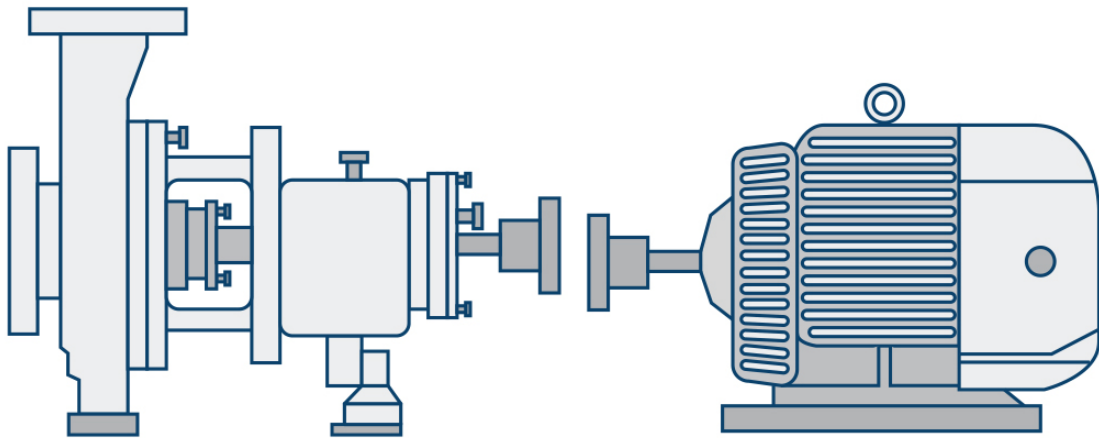
PREDICTIVE MAINTENANCE FEATURE

How Sensor Performance Enables Condition-Based Monitoring Solutions

A significant amount of literature exists to support the various diagnostic and predictive capabilities required to enable advanced vibration monitoring solutions. Less well covered is the relationship between vibration sensor performance parameters, such as bandwidth and noise density, and end application fault diagnostic capabilities. [Read more](#)



(a)



(b)

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