

Condition Monitoring / Diagnostic Software **ACOUS NAVI (FIELD system)**

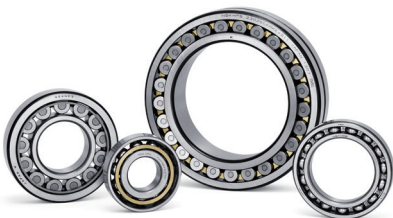
An application to quickly catch and diagnose signs of damage or deterioration in bearings, ball screws, and linear guides of machines and equipment connected to the FIELD system*1.

ACOUS NAVI (FIELD system)

ACOUS NAVI condition monitoring/diagnostics for FANUC Corporation's FIELD system open manufacturing platform.



Monitoring and diagnosis of the condition of bearings, ball screws, and linear guides is critical for predictive maintenance of machines and equipment. NSK's ACOUS NAVI is your solution.



ACOUS NAVI *for Bearings*

Diagnose Bearing
Flaking, Scratches



ACOUS NAVI *for Ball Screws*

Diagnose Ball Screw
Wear



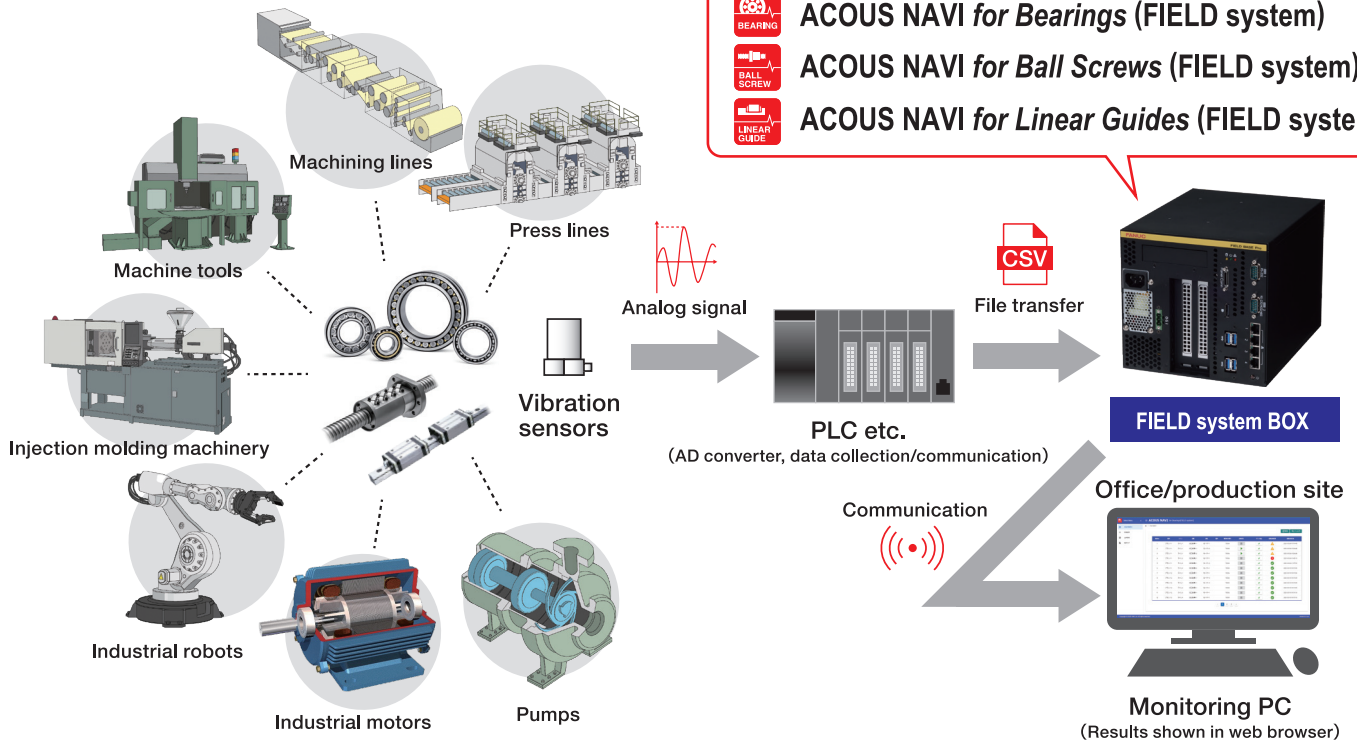
ACOUS NAVI *for Linear Guides*

Diagnose Linear Guide
Flaking

*1 FIELD system is a registered trademark of FANUC Corporation.

ACOUS NAVI (FIELD system) System Structure

Please purchase and download
ACOUS NAVI (FIELD system) from the FIELD system Store.



ACOUS NAVI (FIELD system) Diagnosis Flow

Step 1 Installation of vibration sensor and sensor cable wiring*2

Install a vibration sensor (accelerometer) near the measurement target and wire the sensor cable.

Step 2 Generation of vibration data*2

Acquire vibration data with a device equipped with an AD converter(PLC, Industrial personal computer, etc) and output as a CSV file. Please feel free to contact NSK regarding detailed data acquisition conditions and device specifications.

Step 3 Vibration data transfer / diagnosis

Once the generated a CSV file is sent to the FIELD system BOX using FTP, the ACOUS NAVI application will automatically start diagnosis.

Step 4 Display of diagnostic results

View diagnostic results anytime and anywhere via web browser.

*2 User-prepared

Find more details on the
ACOUS NAVI website:

www.acousnavi.nsk.com/en/

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