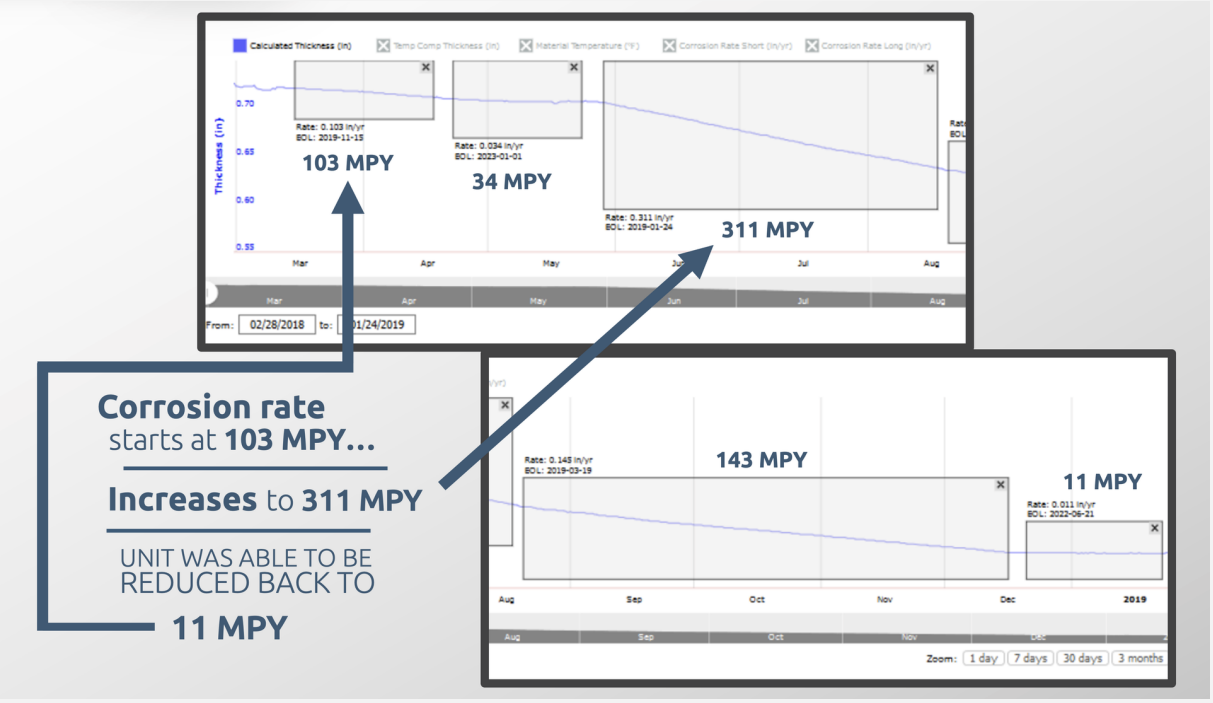
SENSOR® NETWORKS, INC
Inspection, Testing & Asset-Integrity Solutions

FALL 2020

ASSET INTEGRITY UPDATE

Sensor Networks, Inc. (SNI) has 3 major product lines. Two of these lines are ultrasound based and featured in this edition of Asset Integrity Update. The first two articles feature developments in our flagship ***Installed UT Sensor*** products. The last two articles come from our fast-growing Ultrasonic Transducer business.



PLANT-WIDE WIRELESS NETWORKS

FOR ALL ASSET-MANAGEMENT SOLUTIONS

For the past 5 years, SNI's Installed Sensor product line has expanded to address the many and varied needs of the corrosion-monitoring and NDT markets for reliable, cost-effective & high-fidelity UT thickness data at process facilities. Our new **microPIMS® Global Solutions** offering features an industry standard of wireless

connectivity: LoRaWAN®. This is a significant evolution since customers can now create plant-wide wireless networks that can include other sensor types such as vibration, temperature, pressure, etc. Customers that have already invested in a Lora network, can simply purchase the UT nodes from SNI and drop them into their existing private & wireless network.

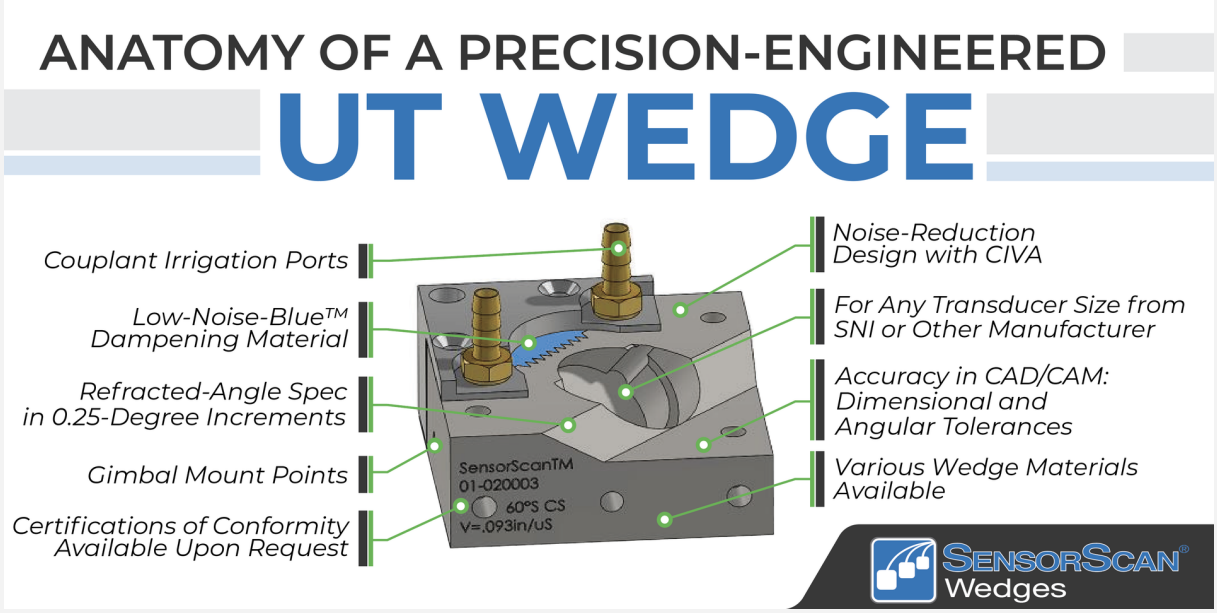
Learn More

CASE STUDY

Refinery Experiences ~$4 Million in Savings

Learn how a US Oil Refinery saved ~ $4M in outage-related cost and time by using Permanently Installed Monitoring Sensors or PIMS to accurately measure and trend wall thickness of plant components.

Download Case Study



UT WEDGES

THE UNSUNG HERO OF UT INSPECTIONS

Precision-engineered and fabricated UT wedges are an extremely important component in the Ultrasonic examination process. Sensor Networks has invested in time and equipment to increase wedge performance and signal-to-noise ratio. Wedge nomenclature and specifications drive enhanced results often enabling or optimizing the test. Click below to request a new 24” x 36” color poster showing the many variables associated with code- or procedure-compliant wedge design and manufacture. It helps address the new ASME BPV Section V Code requirements for wedge curvature on radiused surfaces.

Poster Request

ENGINEER PRESENTATIONS FROM

CIVA USER'S GROUP MEETING

CIVA 3-D modeling software saves time and money in UT applications engineering. Last month, SNI co-hosted a ½-day virtual User's Group Meeting with Extende, Inc. the US subsidiary of CIVA Software from France. Two SNI UT engineers presented power point "papers" on the time and cost-savings value of 3D beam modeling and scan-plan optimization for Aerospace Forgings and Bolt inspections.

TRANSDUCER DESIGN FOR FORGING INSPECTIONS

Download Presentation

TRANSDUCER DESIGN FOR BOLT INSPECTIONS

Download Presentation

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