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

web PIMS ®

software
for trending
analysis & archiving

software for
ultrasonic corrosion/erosion monitoring

Sensor Networks' webPIMS™ cloud-based, back-end corrosion/erosion data management software allows users to quickly and easily analyze, set alarms for, trend, map, export and report metal-loss data and rates. webPIMS™ offers:

- Custom alarms for corrosion rate and thickness value.
- A-scans with every reading.
- Temperature-adjusted thickness.
- GPS coordinates for monitoring locations.
- Data export to XML/CSV.

monitor corrosion rate
resolution to 0.001" (0.025mm) • high-risk areas • historically problematic locations
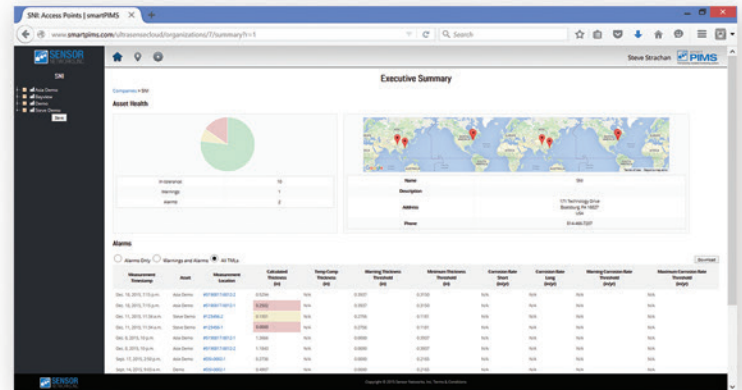
monitor "low spots"
post-NDE screening of pits to monitor remaining thickness • measures down to 0.040" (1.02mm)

replace/augment intrusive methods
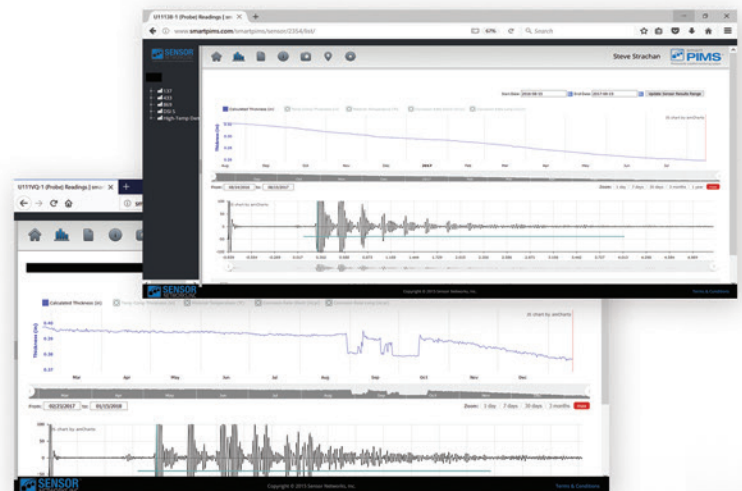validation of coupons, ER probes, etc.

reduce costs
reduce scaffolding and insulation removal/refitting for internal corrosion monitoring • more accurate/reliable data improving operations

Home page screen showing enterprise-wide macro view, including pie chart with sensor location, status, GPS and latest readings of all sensors.

Trending screen graphically shows metal loss versus time, temperature, thickness and digitized RF signals (A-Scans) for each measurement.

Features like temperature compensation help maximize accuracy of thickness measurements.
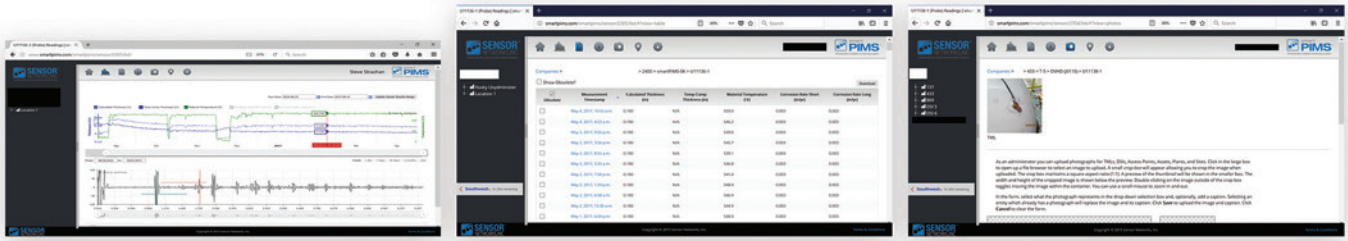
Cloud-based application with 128-bit AES encryption. (Alternatively available as iPIMS™, an "in-the-fence" local/private server solution with the same software functionality as webPIMS.)

Hosted on Amazon Web Services by SNI or customer.

Accessed with login and password.

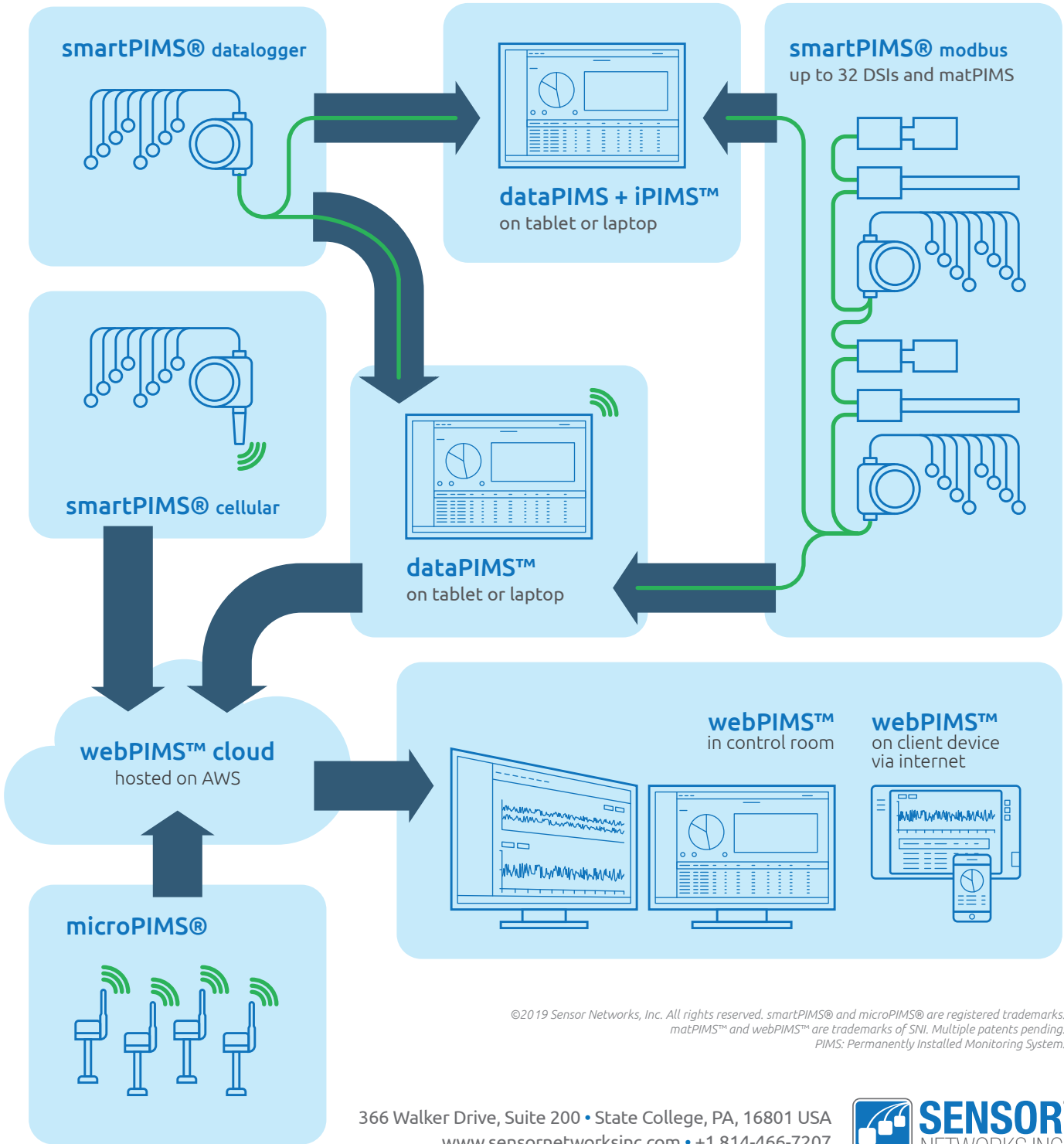**Customizable to six layers of hierarchical naming.**

Stores pictures, comments and other pertinent info for each sensor or PI&D location.

WebPIMS™ performs temperature compensated thickness measurements as well as alarms on wall thickness and corrosion rate.

Quickly and easily export data to an .xml or .csv file for reporting or mass export to historians/IDMS.

Add pictures, descriptions and other notes to show where the sensors are placed and other important information.

smartPIMS® datalogger

dataPIMS + iPIMS™
on tablet or laptop

smartPIMS® modbus
up to 32 DSIs and matPIMS

smartPIMS® cellular

dataPIMS™
on tablet or laptop

webPIMS™ cloud
hosted on AWS

webPIMS™
in control room

webPIMS™
on client device
via internet

microPIMS®

366 Walker Drive, Suite 200 • State College, PA, 16801 USA
www.sensornetworksinc.com • +1 814-466-7207
Offices in Houston, Hong Kong, Beijing and Osaka

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