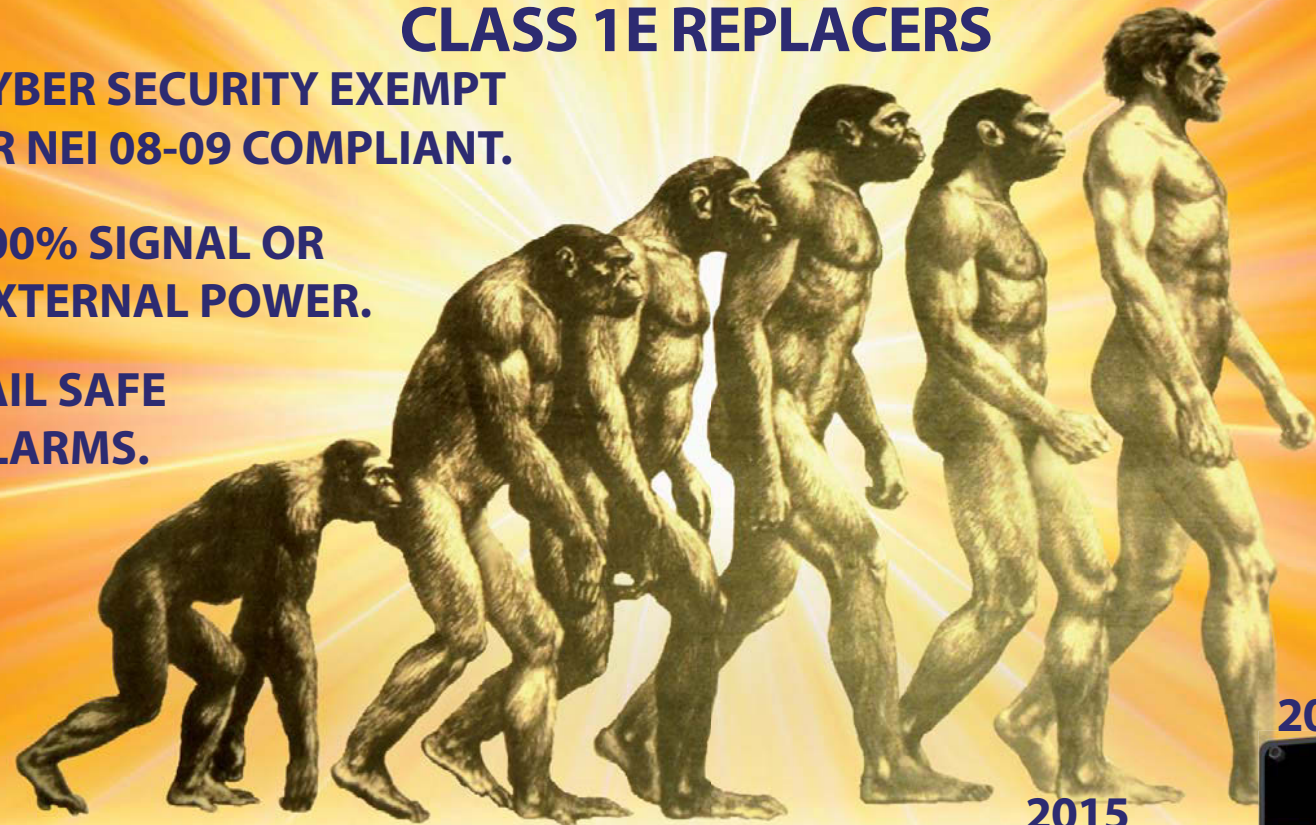


The Dawn of a New Age

CLASS 1E REPLACERS

- * CYBER SECURITY EXEMPT OR NEI 08-09 COMPLIANT.
- * 100% SIGNAL OR EXTERNAL POWER.
- * FAIL SAFE ALARMS.



100 % form, fit and function replacements for obsolete analog and digital meters/controllers.

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INTELLIGENT INSTRUMENTS
10CFR50 APP. B, ASME-NQA1.

520-748-7900
sales@otekcorp.com

The **OOTEK** NTM Series

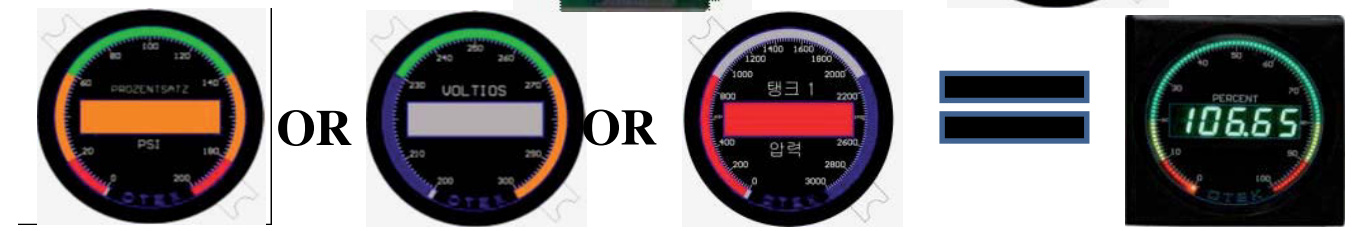
Intelligent Instruments for the 21st Century CLASS 1E & MIL-SPEC

NTM Features:

- 100% "Loop Powered" Design, Or External Power
- Cyber Security Safe To NEI 08-09
- Custom Designed For 100% Plug and Play
- 4 Digit LED Display & Automatic, Tri-Color Bar Graph
- Increases safety, efficiency & profits
- Math Functions, X-Y Tables & Polynomials
- Outputs: Analog, Power & Alarms
- Ethernet/USB/RS485 Isolated Serial IO
- Integrable with SCADA/DCS
- Obsolescence Hardened



NTM- L Only 1.5x3"



Introducing The New CLASS 1E SSAM Series

Presented at ANS Annual Meet!

The **SSAM (Solid State Analog Meter)** Series features a bright 4½ digit LED display and a 101 segment bargraph for easy HMI readings and error free by operators. The SSAM has no critical digital assets (CDA), therefore, is exempt to NEI 08-09 (Cyber Security requirement). The **SSAM** is ideal for replacing existing obsolete analog and digital instruments; it is designed as a 100% Form Fit and Function (Plug & Play) replacement.



SSAM-N
Cyber Security Exempt (No CDA!)

Reduce/Eliminate I&C Obsolescence

Analog and Digital Instruments from the 1960s are obsolete! OTEK's **SSAM** is 100% FFF compatible with many popular models and is "Obsolescence Hardened" with multi-sourced and standard components.

NO External Power Required

OTEK's Patented "Loop-Powered" design means your **SSAM** Instruments can be powered directly from the signal (4-20, 10-50 C.L, mA DC/AC, VDC/AC). There is no need to design in a new power supply. The **SSAM** uses the same 2-wire connection as the analog or digital instrument it's replacing. External power available.

Greater Safety, Accuracy, Efficiency & Profits

Solid State Design means no mechanical parts to wear out, no stuck needles and no subjective interpretation. "Loss of Signal" indication and other alarm functions support Fail-Safe operation. Relays & 4-20mA output is optional.

Reduce/Eliminate Maintenance & Spares Cost

Analog instruments must be frequently tested and recalibrated. Solid-state **SSAM** design means less testing, calibration and maintenance costs with a minimum MTBF of over 25 years.

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