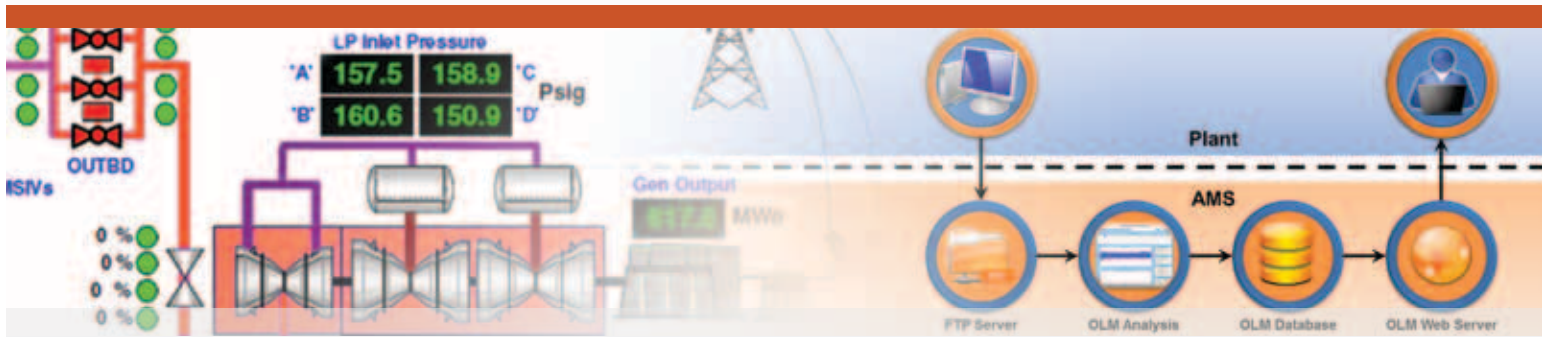




# ON-LINE MONITORING

AMS Product Suite



## About

AMS' suite of On-Line Monitoring (OLM) products provides the only comprehensive solution for instrument performance monitoring designed specifically for the nuclear industry. From data acquisition to advanced signal processing and diagnostics, AMS' OLM suite gives your plant the tools to transition from time-based to condition-based maintenance of critical process instrumentation and equipment.

## OLM PRODUCT SUITE



### Acquire

- Plant Computer Interface (BRIDGE)
- High Frequency Data Acquisition Equipment and Software (OLM-8/32, OLM-DA)



### Analyze / Diagnose

- Plant Process Monitoring (OLM-SA)
- Dynamic Response Analysis (OLM-NA)
- On-Line RTD Cross Calibration (PCXCAL)
- Instrument Drift Characterization (IPASS)
- Transmitter Calibration Monitoring (CRS)



### Trend / Report

- Results Database and Trending (RTTDB)
- Web-Enabled Browsing (OLM-WA)

## Benefits

### Acquire

- Automate Data Retrieval from Plant Computer or Historian
- Collect High Frequency Data with Isolated Equipment Customized for Nuclear Plants

### Analyze

- Characterize Instrument Drift to Support Extending Calibration Intervals
- Perform RTD Cross Calibration Using Plant Computer Data
- Verify Calibrations of Pressure, Level, and Flow Transmitters

### Diagnose

- Evaluate the Dynamic Performance and Response Times of Process Instrumentation
- Detect Sensing Line Blockages, Voids, and Leaks as They Occur
- Provide Early Warning of Equipment Degradation or Failure

### Trend

- Track Changes in Sensor Performance
- Store Response Times for Easy Historical Access

### Report

- Browse Results Securely Through Web-Enabled Tools
- Prioritize Maintenance Activities Easily with Automated Instrument Condition Reports

For more information please contact:

Dan Beverly (Chief Technical Officer)  
Extension: 112 Email: dan@ams-corp.com

Darrell W. Mitchell (Technical Services Manager)  
Extension: 108 Email: darrell@ams-corp.com

Analysis and Measurement Services Corporation

AMS Technology Center  
9119 Cross Park Drive  
Knoxville, TN 37923, USA

TEL 865 691 1756  
FAX 865 691 9344

EMAIL info@ams-corp.com  
WEB www.ams-corp.com

**\* 10CFR50 Appendix B Program**