

OSA-EAI Application Technology Packages

MIMOSA's OSA-EAI application technology packages are grouped into 8 application packages:

- Trend-Web:** Allows retrieval of historical scalar measurements, abnormal data alarms, and operational event logs
For: Process Data Historians
Process Condition Monitoring Systems
Operational Data Systems
- Dyn-Web:** Allows retrieval of historical dynamic measurements (used with vibration and sound monitoring and including frequency spectra measurements and time waveforms), abnormal data alarms, and operational event logs
For: Vibration Condition Monitoring Systems
Sound Condition Monitoring Systems
- BLOB-Web:** Allows retrieval of historical binary large objects (BLOB) measurements (used with thermography and imaging monitoring), abnormal data alarms, and operational event logs
For: Thermographic Condition Monitoring Systems
Image Monitoring Systems
- Sample-Web:** Allows retrieval of historical fluid, air, and solid sampling data, abnormal data alarms, and operational event logs
For: Oil Sampling Condition Monitoring Systems
Air Sampling Condition Monitoring Systems
Solid Sampling Condition Monitoring Systems
- Reg-Web:** Allows retrieval of "as-designed" segment hierarchical breakdown of facility, process, and machine systems, along with the "as-installed" asset information. Also allows access to nameplate and image data on individual assets and models, including component part breakdowns.
For: OEM Model Information Systems
Asset Registry Information Systems
Maintenance Management Systems
Piping & Instrumentation Design Systems
- Rel-Web:** Allows retrieval of reliability study, FMECA analysis, failure analysis, and root cause information related to assets and "as-designed" segments.
For: Reliability Management Systems
RCM Information Systems
FMECA Analysis Systems
Root Cause Analysis Systems
OEM Model Information Systems
Asset Registry Information Systems
Maintenance Management Systems
- Diag-Web:** Allows retrieval of human or "smart-agent" generated current and/or future proposed asset health states, current and/or future proposed diagnostic failure modes and casual trees, remaining useful life predictions, and recommendations. Also allows access to measurement evidence supporting the diagnoses/prognoses.
For: Diagnostic Systems
Prognostic Systems

Work-Web: Allows the creation and audit tracking of a new work request in a work management system for a service segment or a serialized asset. Allows the retrieval of work orders and work order steps, and actual work completed information.. Also allows the retrieval of pre-planned work packages ("solution packages").
For: Maintenance Management Systems