Module Data Sources

The Universal Tag Locator [UTL] is an easy-to-use operations monitoring solution featuring extensive search and reporting capabilities to provide you with real-time alarm, instrumentation, target, lab, shift handover, and exceedance information directly from your facility's multiple data sources. Modular in design, UTL is customizable and expandable, providing you with a wide-range of reporting, operations, and business planning options as you need them.

UTL provides components to manage operating targets, create shift reports which can include information from other data sources, capture alarm data, distribute reports, and view and reconcile ACM and lab data, as well as manage users and reports.

UTL can retrieve data from:
- ACM Database
- DOC4000
- Dynamo M & R
- Event Journal Collector
- GLIMS
- IntelaTrac
- Matrikon Alarm Database
- ODS/InfoPlusX
- PHD
- PI
- Plant State Suite
- PQR
- Sample Manager
- Site-Specific Data Sources* (Instrumentation Databases, Document Management Systems, Raddical Files, etc.)
- UTL Alarm Database
- UTL Database
- Winbliss
- Yokogawa Log Files

UTL Outputs:
- Alarm Metrics
- EOS Reports
- Subscription Engine Email Reports (Target Summaries, Alarm Metrics, EOSRs, EOS Topics, IntelaTrac Exceptions/Round Reports, % On Target Points, etc.)
- Target Locator Internal Historian Data Stored in the UTL Database
- Write Target Values to PHD or PI Target Points

Data Sources Used For Each UTL Module

EOSR:
- IntelaTrac Exception/Round Data (IntelaTrac Database)
- Live Process Values (PHD, PI, ODS, GLIMS, Sample Manager, PQR, or TL Process Data Sources)
- Operator Alarm Responses (UTL Alarm Database)
- Targets (UTL Database)

Target Locator
- ACM Alarm Limits (ACM)
- Live Process Values (PHD, PI, ODS, GLIMS, Sample Manager or TL Process Data Sources)
- Output to Historian (PHD, PI, TL Historians)
- Targets (UTL Database)

Alarm Module (based on site needs)
- ACM Database
- Alarm Metrics (UTL Alarm Database)
- Consolidated Event Journal (CEJ) Database
- DCS Event Database
- Dynamo
- Emerson/DeltaV Event Log
- Event Journal Collector (EJC) Database
- Matrikon Alarm and Event Database
- Plant State Suite Outputs
- Yokogawa Log Files

Subscription Engine
- Alarm Summaries (UTL Alarm Database, EJC Raw)
- EOSRs on Publish
- IntelaTrac Reports (IntelaTrac Database)
- Percent On Target Reports (UTL)
- Shift Report Topic Reports (UTL Database)
- Target Summaries (UTL, ACM Databases/ PHD, PI, ODS, GLIMS, Sample Manager or UTL Process Data Sources)

ACM Enhanced Search
- ACM Database
- UTL Alarm Manager

Tag Locator Results
- ACM Alarm Limits (ACM)
- Alarm Metrics (UTL Alarm Database)
- Live Process Values (PHD, PI, ODS, GLIMS, Sample Manager, PQR,UTL Process Data Sources)
- Site-Specific Instrumentation Data Sources*
- Targets (UTL Database)

Note: Since UTL is modular in design, certain items listed above may or may not appear in your configuration depending upon your choice of options.

*Tag Locator Results – Example Instrumentation Data Sources:

- ACM Tag Alarms/Operator Actions
- ACM Variable Data
- Alarm Changes
- Alarm Trips
- Associated Calculations (PI ACE)
- DOC3000/4000
- Document Locator Search
- E*Doc Document Management System
- Equipment Constraints
- Inhibit/Disable Events
- Instrument Indexes
- IPF Database
- Links to Raddical Files That Contain Point
- Live Process Data (PHD, PI, ODS, GLIMS, Sample Manager or UTL Data Sources)
- Operating Procedures
- Operating Procedures/Plant Standing Instructions (E*Doc Procedures)
- Operator Actions
- P&ID Database
- Plant Standing Instructions
- UTL Data/Target Change History
- Variable Entity Boundaries