UTL

Universal Tag Locator

Operations management software for process facilities

AIS

Software. Systems. Solutions.

Universal Tag Locator

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.

"A single, easy-to-use software package, putting vital data at your fingertips – no need to buy pieces from multiple vendors. UTL does it all. Plus, the AIS customer support team is terrific to work with! Whenever we have a question, they are right there for us. Great personal touch."   Riel Adalin, Client

Critical data at your fingertips when you need it

UTL consolidates plant-wide data into a single location. You can now manage data that is accurate, timely, and reliable in ways you never thought possible.

- Alarm Reports
- Economic Targets
- Exceedance Reports
- Incident Avoidance
- Lab Data
- Operator Instructions
- Production Improvements
- Plant Metrics
- Quality Assurance
- Safety Data Portal
- Shift Reports

Exceedance Report
Manage your targets quickly and efficiently

Site Safety

Process Safety

UTL interfaces directly with your plant's historian (e.g., PI, PHD, ODS, InfoPlus, etc.) to monitor and identify process risks on multiple levels throughout the plant. Real-time data and reports ensure that even the slightest variation from established operational performance is flagged.

Environmental Safety

You and your team are ultimately responsible for building a culture of safety to protect your workers and the environment. UTL helps you measure and evaluate individual and organizational safety performance as well as instill safety in all aspects of operations including shift assignments, alarm reports, and message boards. It even provides easy access to information about alarms, including recommended actions and potential consequences.

Design Safety

UTL was designed and written by staff with decades of oil refining and chemical processing experience. This in-depth understanding and commitment to continuous improvement of system performance, operational efficiency, environmental protection, and plant safety, makes UTL the software of choice by numerous process operators throughout the world.

UTL is currently used in 11 countries worldwide. Each week over 15,000 operators view and generate nearly 10,000 reports to keep their process facilities safe, profitable, and reliable.

Alarm Reports

Process alarms can be managed manually or automatically with UTL. You can flag and manage inhibited and disabled alarms, navigate reports forward and backward in time, filter out undesirable alarm priorities and set duration thresholds, configure alarm priority colors and titles, and generate subscriptions that deliver reports via email. You can also create alarm metrics, alarm module by shift teams, and customize reports specific to your exact needs.

- Action Log / Standing Alarm
- Alarm Chronology
- Alarm Graph
- Alarm Log
- Alarm Rates on Targets
- Alarm Summary
- Controller Action
- Custom Alarm Summary
- Custom Date Selection
- Customizable Suppressed
- End-of-Shift Alarm Log
- Standing Alarm Responses
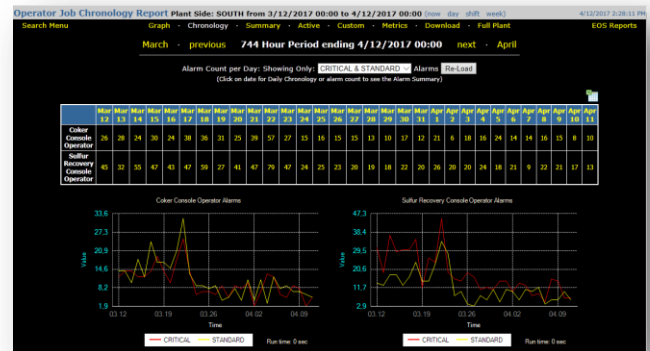
Alarm Chronology Report
displays alarm data along with graphical trends

How your site can benefit from UTL

Large scale process facilities produce huge amounts of data from a wide range of sources and devices – 24 hours a day / 7 days a week. Managing all of this information is often repetitive and time consuming. UTL changes all that by simplifying data management for:

- Abnormal Situations
- After Action Reviews
- Alarm Reviews
- Area Alignment - Shift Review Boards
- Business Planning
- Coking Maintenance
- Control System Status
- Crude Maintenance
- Docks and Rail Terminals
- DOW/IOW
- Emergency Responses

- Environmental
- Field Support Teams
- Fire Department
- HS&E
- IPF Trips
- Lab Data
- Logistics Support Ops
- Maintenance
- Major Threats
- Margin Drivers
- Op Orders / Instructions
- Proactive Monitoring

- Process Safety Fundamentals
- Production Health Checks
- Production Impacts
- Refinery Business Threats
- Refinery Off-Spec Products
- Shift Plans
- Situation Management
- Training
- Turnarounds
- Utilities
- Weekly Alarm Reviews

Why AIS

With over 20 years of process industry experience, AIS develops software solutions that are tough, reliable, and capable of performing without failure under a wide range of conditions. AIS products have proven, time and again, to improve safety, lower expenses, and increase productivity. Our dedicated technical staff is on call around the clock to further provide you with an outstanding client support experience.

Free Site Assessment

AIS offers a complimentary one-hour UTL demonstration and site assessment. During this time, we showcase the value of real-time operations monitoring and the wealth of site data that is available to you. We will also show you the ease with which you can generate shift reports, monitor your alarm data, and identify potential gaps in your system. UTL is simple to learn and easy to use, providing you instant access to accurate, timely, and reliable information.

"This was the best software rollout that I've witnessed in 20 years of working at refineries. No plant we have ever worked at has been too large for UTL because of its unique design and scalability." Confidential Client

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Shift Reports

The power of UTL is in its flexibility and modular scalability, allowing you to safely manage your facility to optimize performance and profitability. Quickly view and configure operator jobs, shift reports, daily assignments, and worker productivity. You can also import data from IntelaTrac, DOC400, and other 3rd party interfaces.

- Auto Create and Publish
- Auto Populate
- Custom Snippets
- Data Types
- Operator Instructions
- Proficiency Reports
- Publish Queue
- Report Data Rollup
- Report Templates
- Rotation Reports
- Shift Sets / Shift Topic Reports
- Task Scheduler
- Unlimited EOSR Type Creation

What our industry partners are saying:

"UTL is for business what Google is for everyone." Confidential Client

"UTL provides a user-friendly operator interface with enhanced data access and enables improved End-Of-Shift Reporting for enhanced situational awareness." Confidential Client

Business Planning and Economic Targeting

One of the most vital elements of your process facility is the ability to view and manage overall plant operations including staff scheduling, process efficiency, and economic trends. UTL tracks productivity and production quality, establishes process targets, and monitors economic variables.

- Lab Prioritization
- Lab Targets
- Margin Drivers
- Modal Targets
- Override Targets
- Planner / Operations Integration
- Target Change Awareness
- Target Change Notification
- Target Prioritization
- Unit Level Targeting
- Unit-to-Plant Level Integration

Margin Drivers

				MARGIN DRIVERS			
Tag	Tag Title	Units	Target Low	Target	Target High	Current Value	Economic Value ($1k/Day)
			CRUDE / VPS-2				
1Sample211	VPS2 Fresh Feed	MBPD	* 74.5 *			73.1	$0.3
2Sample221	VPS2 Atmos Twr Top Temp, F	DEGF			285	266.94	$0.0
3Sample213	VPS2 Avjet Flash Point Temp, F	DEG F			160	126	$0.0
4Sample242	VPS2 GOLD End Point, F	DEG F	650			662.6	$0.0
			LOGISTICS				
5Sample511	SGP Propane to fuel	BP	* 0 *	59.98			$7.6
		Total Margin Loss					
Total Yield, Conversion, Giveaway Margin Loss	Total Yield, Conversion, Giveaway Margin Loss	$M/D	* 0 *	20.03	$20.0		
Total Feed Rate Loss	Total Feed Rate Loss	$M/D	* 0 *	69.61	$69.6		

Margin Driver Report
displays economic targets impact to your bottom line

Wouldn't you want to know?

What your underperforming process unit is costing you each day!!!

"Oil refineries, chemical plants, and industrial facilities are hazardous environments to work in. When incidents occur at these sites, it can lead to loss of life, environmental damage, and extensive down time.

Personal colleagues of ours were killed in one of these events. The investigation that followed revealed that this incident could have been mitigated with better access to the proper tools and documentation.

Our commitment is to provide high-quality software solutions that save lives, time, and money."

Brad Rose
President, AIS Software

AIS

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