



## DATA MANAGEMENT WEB APPLICATION Designed To Improve Process Capabilities

### What is it?

**T3-Performance Logs** is an on-line data management application specifically designed for your process.

**T3-Performance Logs** uses the monitoring parameters in place around your process to provide in-depth analysis of system stability and efficiency.

**T3-Performance Logs**, being web based, makes information about the system immediately available to anyone that may be impacted by the process' performance. The only requirement is an internet connection, Internet Explorer 6 or later and a logon.

### Benefits

- **Data is instantly visible anywhere in the world, 24/7** through a secured login. This means that technical review and support can be obtained at a frequency not otherwise possible. When a process problem does occur, the on-line data can help pinpoint the problem, and suggest recovery procedures.
- **T3-Performance Logs provide actionable information** using the built-in calculations. Examples include *RO normalized permeate flow, saturation indices, unit efficiencies and more*. All are generated within **T3-Performance Logs** every time the required readings are entered.
- **System performance is monitored with visual cues**, resulting in better control of the process. This means less downtime due to equipment problems, higher operating efficiencies and reduced costs.
- **Layered security and server redundancy** ensures data integrity, availability and protection. Data is protected from unauthorized access, and is maintained in a password protected database.
- **T3-Performance Logs users have everything they need** to accomplish their respective tasks via roles which are specifically defined for each logon. This restricts unauthorized access and restricts a user from doing anything not allowed by their role.
- **System upgrades are seamless**, with no configuration required by anyone using the program.
- **There are no programs to install on local PCs**, so compatibility with operating systems, and permissions are not problems.



## T3-Performance Logs Features

**T3-Performance Logs** is designed from the ground up to facilitate the generation of valuable information from the raw data entered, and the presentation of that information to the user.

Navigation is by clearly identified buttons and links. Information is grouped on each screen to allow rapid and accurate interpretation of results.

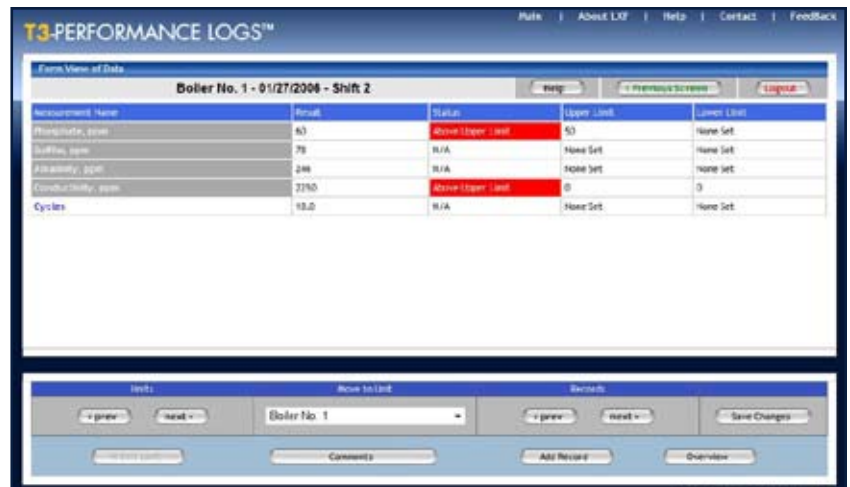
## DASHBOARD

**T3-Performance Logs** shows the condition of each system being followed at a glance. Its exclusive **Dashboard** presentation lists the status of every measurement, based on control limits, for the last 5, 10 and 15 readings. Color coding makes it easy to detect potential problem spots and trends. Click on one of the out-of-range measurements, and you are taken to the **Data Table** where the graph displays the last 20 points and its trend.



## DATA ENTRY

**Data** is entered into a clear, easy to understand form which presents process details one screen at a time. **Limits** and limit status is clearly presented, and corrective actions are immediately available. **Calculations** are updated and may be seen as soon as the record is saved. Along with other results, this is visible in the Data Table, where further analysis is possible.





## TABLE OF DATA

The results of all readings are displayed on the Table of Data, where various analytical tools can be deployed.

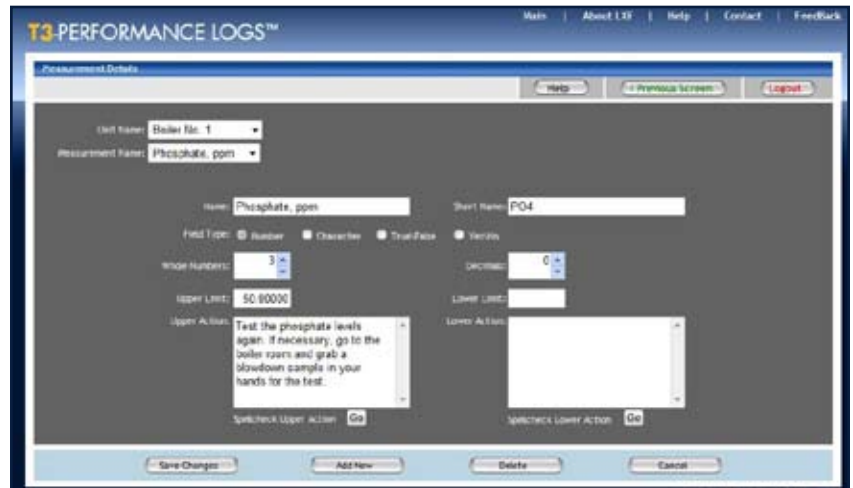
The user is immediately alerted if the reading is above or below that limit through color coding – **red** for above and **blue** for below limits.

A graph showing the last set of data is available, and a trend line is superimposed. Various reports can be generated on demand, and are produced in the standard pdf format. Your logo can be added to the reports to produce a high level of personalization.



## MODIFY YOUR SYSTEM

Add a new measurement, rename an existing one, or delete it completely. Add or modify limits and corrective actions. And do it all with a few clicks.



## GRAPHS

Graphs make it easy to note the stability of a process parameter over time. Superimpose a trend line, and the ability to see potential problems is greatly enhanced. Compare related measurements over time, and even more useful information shows up on the screen.

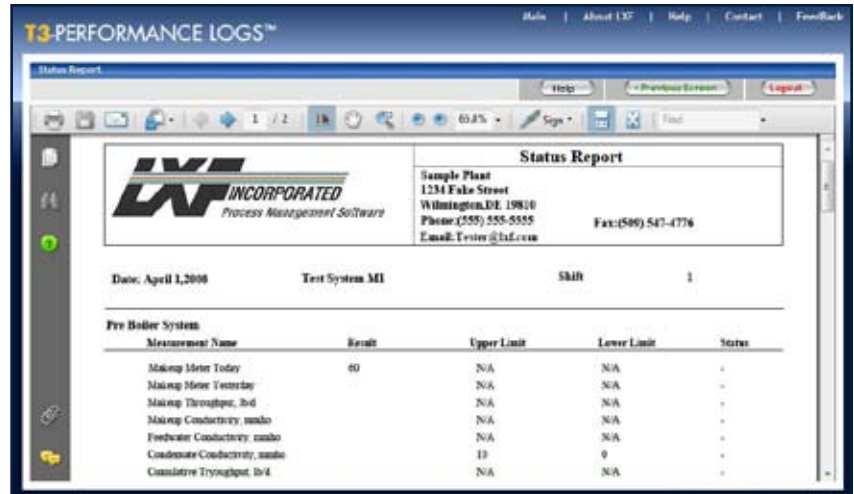
T3-Performance Logs will draw a graph of any measurement between any two dates. It will draw a trend line of the graph, and will let you add measurements to compare – either multiple lines on the same graph, or multiple graphs on the same screen.





## REPORTS

**Built-in reports** allow the data to be printed or saved to a file (industry standard pdf format) that can be emailed to any interested party.



## Support

LXF Inc has been a primary supplier of desktop software to the industrial water treatment market for over 20 years. Its **Track 3™ Process Monitoring Software, Service Report Generator™** and **Multi-Media Handbook™** are the most widely used products of their type. LXF recognizes the benefit of on-line applications, and is dedicated to moving all of its desktop programs to the web. **Multi-Media Handbook Online** has been available for about a year. **T3-Performance Logs** uses **Track 3** as its model, and will have all of its analytical tools available, and more.

## Conclusion

**Data** are like the pieces of a jigsaw puzzle. You can never guess the picture by looking at one piece, and you can't see the entire picture without it. You can never tell the condition of an operating facility by looking at one piece of data either. By combining and comparing pieces of data, looking for patterns and trends and analyzing, the status of the process becomes clear. **T3-Performance Logs** is the on-line process management application that gives you all the tools you need to see the big picture.