

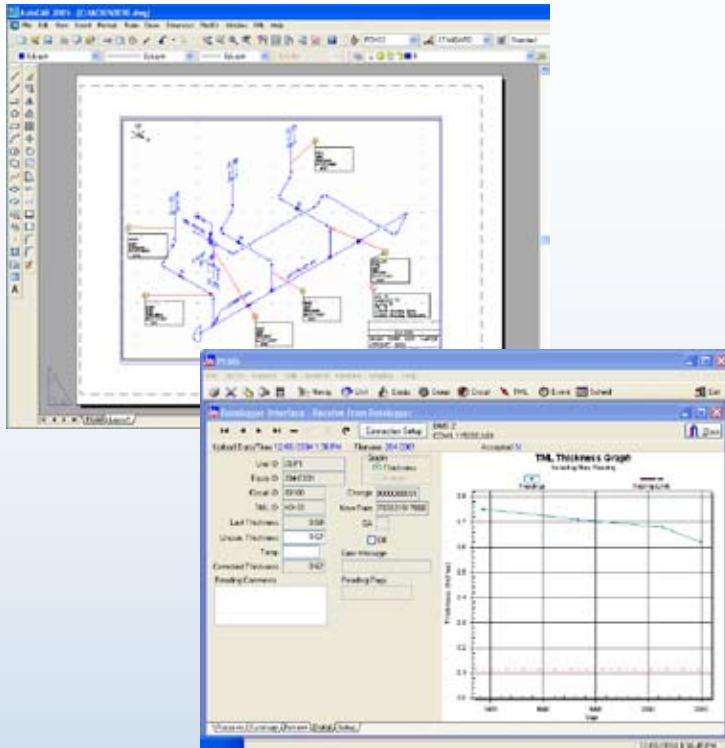
# Corrosion Management

The old saying "Time is Money" still holds true. How can we shorten our turnaround time by pinpointing problem areas? Where are the CML's (Condition Monitoring Locations) that are nearest to retirement? What is the Estimated Thickness for my CML's three years from now? Do I have localized or generalized corrosion issues? With PCMS you have the information available in one database to answer these and many other questions. Let PCMS help you manage your data effectively. PCMS is an analysis tool for recording, storing, and analyzing equipment and piping corrosion information.

Use the Datalogger interface to download CMLs from the database. After capturing measurements, upload the information just as quickly to the PCMS SQL or Oracle database engine. Use the PCMS AutoCad® interface to automatically display the latest corrosion data on your sketches.

Use the powerful reporting tool to sift through vast amounts of data to generate reports that tell you where immediate attention is required. Let PCMS help you manage the data effectively.

*AutoCad® Interface - With the touch of a button, display any PCMS thickness data on drawings*



*Use the Datalogger interface to auto upload/download thickness information*



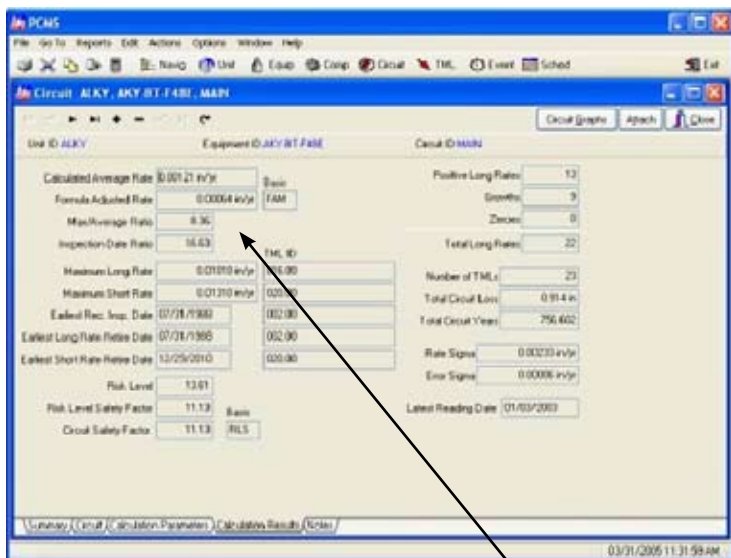
## Corrosion Management

Track wall thickness on any piping, pressure vessel or storage tank. Our patented technology analyses readings and recommends next inspection dates, as well as:

- Manage assets to prevent unnecessary shutdowns and accidents
- Monitor Circuit and CML corrosion
- Calculate inspection due dates using over 20 levels of analysis
- Document changes in wall thickness and equipment replacements
- Use circuit extrapolation to cover unreachable areas
- Pinpoint problem areas instead of conducting broad based inspections
- Set, manage and report Retiring Limits

The Datalogger interface is one of many tools available to gather, analyze, share and report inspection data. Our goal is to simplify the entire process. The Datalogger interface improves data accuracy and eliminates data entry of Thickness measurements.

Through PCMS, simply export CML's directly into the Datalogger. After measurements are taken, PCMS accepts the Datalogger files with a preview and acceptance step. PCMS supports many standard logger configurations as well as third party Datalogger Vendor supplied software products such as DataMate, DLCOM, Panametrics Universal Interface Program, and PANDA.



Circuit Calculation Results help you pinpoint circuit issues that may need further assessment - Why is a CML on this circuit corroding 8 times faster than average for this circuit?

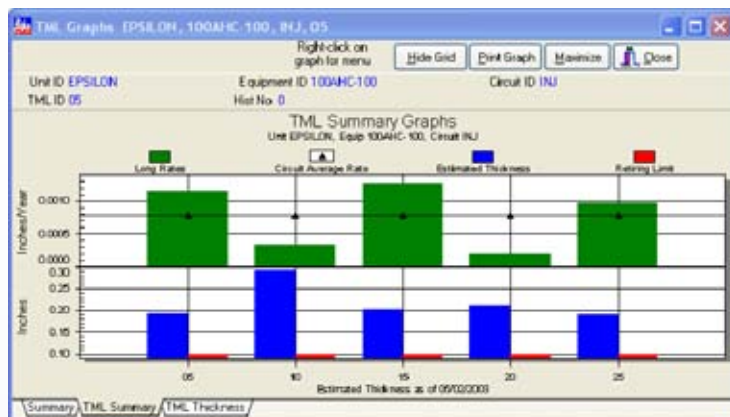
PCMS flexibility lets you set retiring limits manually using retirement limit tables or your engineering guidelines. Or, use our T-Min calculator that follows ANSI B31.3 or B31.4 for piping, ASME VIII code for pressure vessels and API 653 for storage tanks.

### Comprehensive Calculation Results

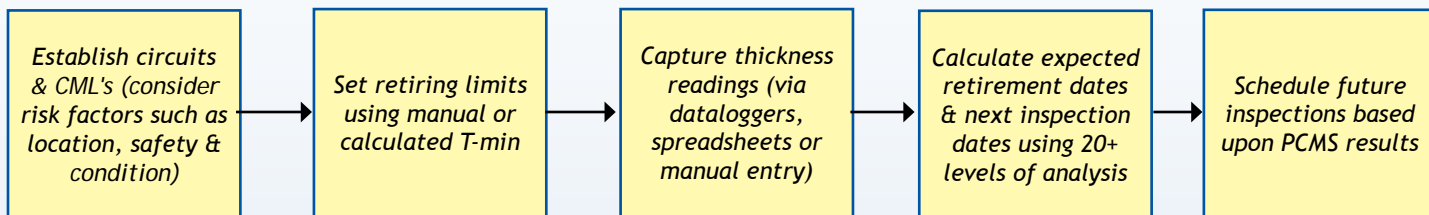
- Calculate the average rate of circuit corrosion
- Validate inspection frequency against corrosion experience
- Identifies potential Local or Circuitization issues with a Max/Average ratio
- Generate complete inspection schedules
- Use Quality Assurance parameters to highlight out of tolerance readings and much more...

When you have the information, it is just a matter of delivering what you need. Standard reports & graphs help you quickly identify problem areas and to schedule future inspections. Plan your work by estimating future thicknesses and targeting specific time frames.

Need More! Use the PCMS Report Writer to tackle your information needs, or ask PCMS staff to develop a custom report.



### Management Work Flow



For additional information please contact PCMS, a member of MISTRAS Group's Software & Products division.  
 Phone: (216) 674-0626  
 Fax: (216) 674-0631  
 Email: support@pcmssoftware.com

**HEADQUARTERS:**  
 195 Clarksville Road, Princeton Junction, NJ 08550 USA  
 Phone: (609) 716-4150 • Fax: (609) 716-4145  
 Email: sales@conaminsp.com • www.mistrasgroup.com

