

ProCalV5

calibration management software

there is a difference...
unmatched functionality.



E-Brochure



INTERTECHNA AB

Kvarnvägen 15

663 40 HAMMARÖ

Tel: +46 54-52 10 00

Fax: +46 54-52 22 97

Mail: info@intertechna.se

Web: www.intertechna.se

Prime
Technologies



Introduction

Today, Quality Managers and Operations Supervisors face increasing pressures to improve compliance management practices. This becomes an even greater challenge when confronted with tightening budget constraints. To remain competitive, the culture within many organizations is towards technical applications that can improve efficiencies and help them to do more in less time and with less effort.

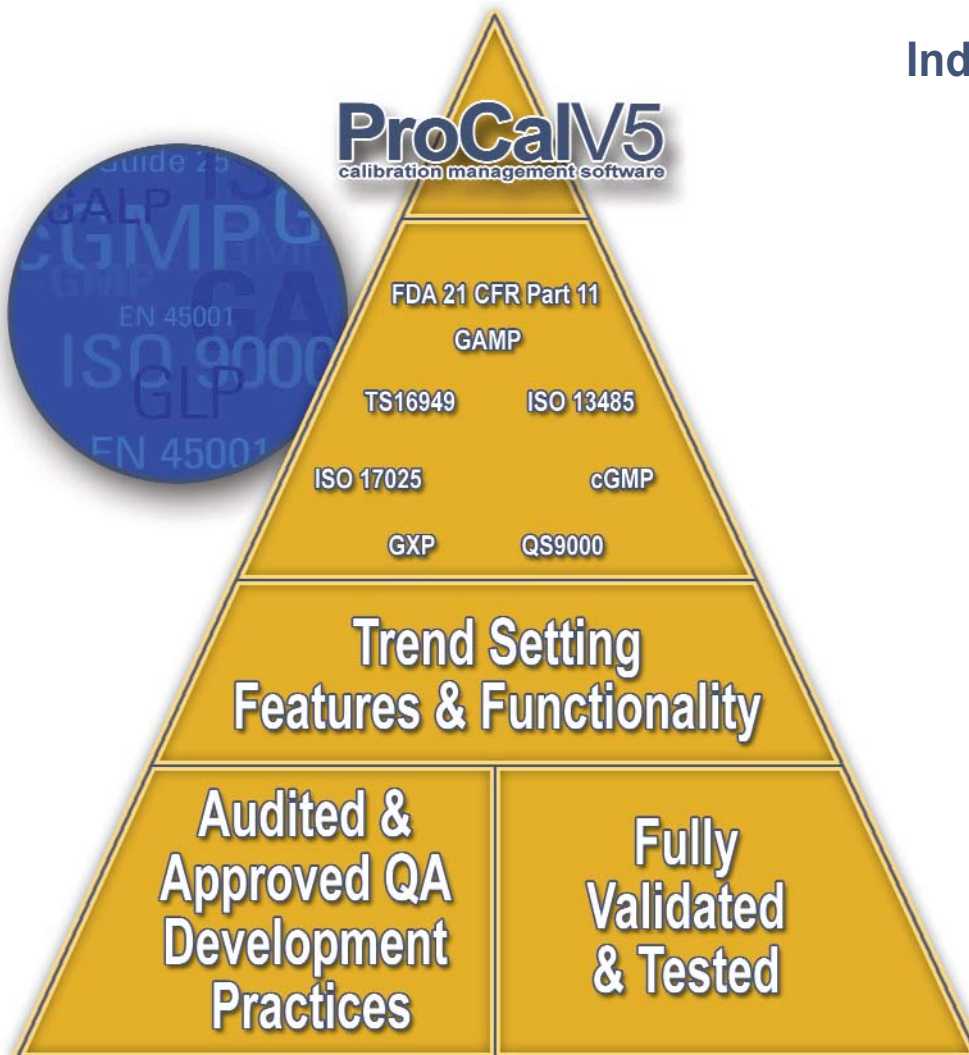
When it comes to managing instrument calibrations and system qualifications, ProCalV5 offers unique advantages. Whether for a single department or an entire enterprise, your workflow and oversight practices can be automated, systematized and improved.

For FDA, ISO and other quality regulated facilities, migration to paperless operations has become the proven strategy to achieve cost savings, ensure regulatory compliance, and build a strong foundation for continuous improvement.



Industries Served

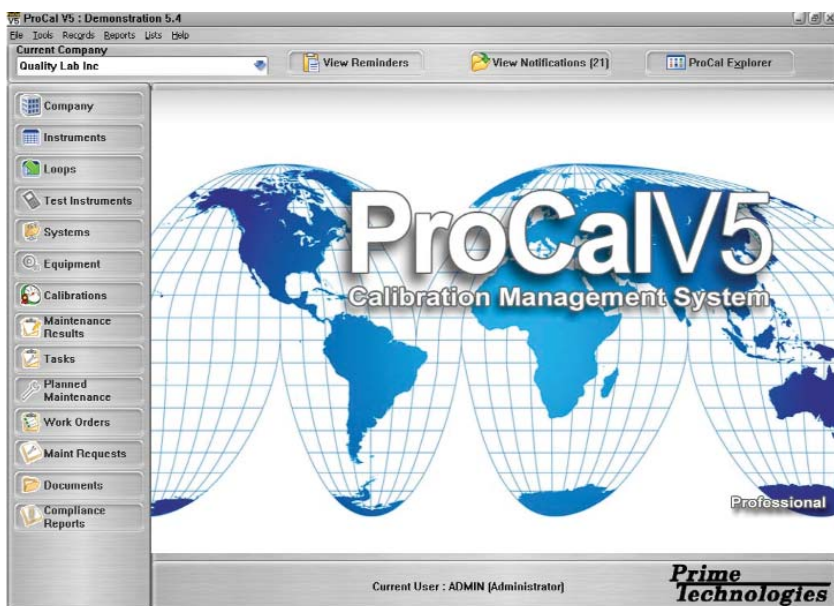
- **Pharmaceutical & Bio-Pharma Production**
- **All Process Industries**
- **Water & Waste Water Treatment**
- **Gas Production and Custody Transfer**
- **Chemical Production & Processing**
- **R&D, Test and Metrology Laboratories**
- **Instrument Service Companies**
- **Nuclear & Power Generation**
- **Petroleum and Petro-Chemical Production**





ProCalV5

ProCalV5 was developed by a team of calibration professionals who wanted a program that would finally give them what calibration professionals need: more power and functionality, more speed, and easier set-up and operation. Through the guidance of these professionals, ProCalV5 has become the most powerful, most intuitively easy-to-use calibration program available.

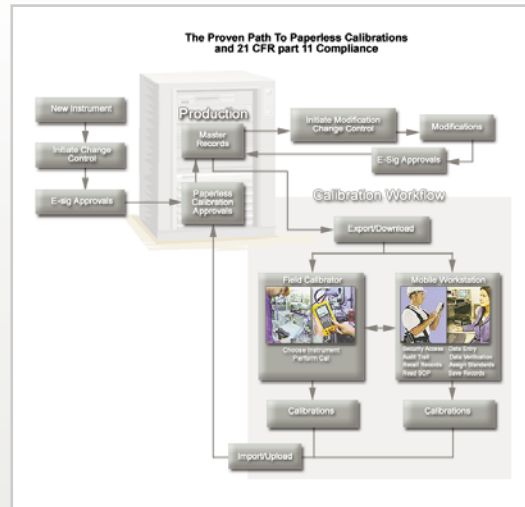


ProCalV5 Highlights

- Intuitive User Interface
- 21 CFR Part 11 Compliance
- FDA & GxP Compliance
- Paperless Calibrations
- Over 70+ Standard Reports
- Communication with Documenting Process Calibrators
- And much more!

ProCalV5

calibration management software



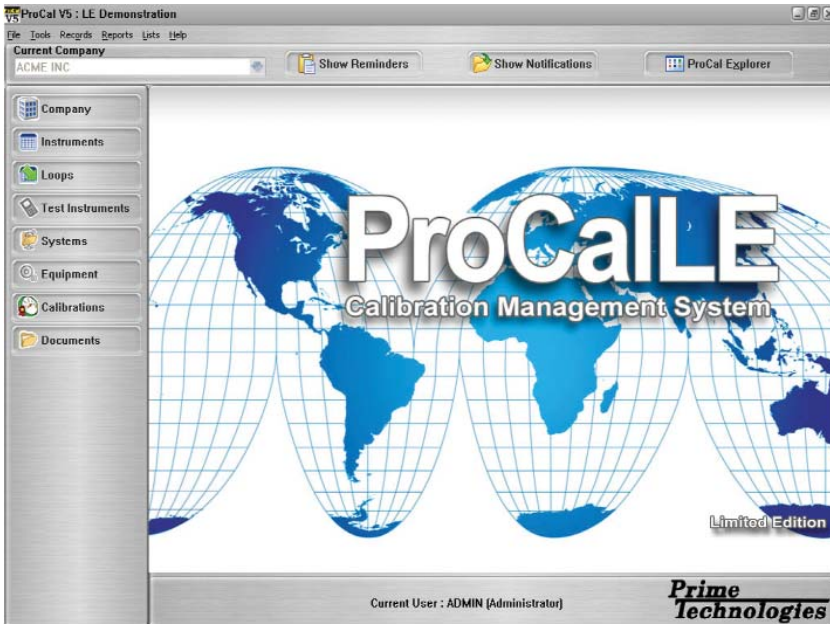
Performance and Productivity with Paperless Calibrations

- A Paperless Calibration Solution Increases Technician Productivity in Excess of 100%
- A Documenting Field Calibrator Interface Supports the Latest in Technology for Maximum Efficiency
- Unlimited Ability to Expand Tests and Procedures for all Desired Validation & Calibration Activities
- Multiple Devices may be Placed Under Test Simultaneously and Individual Performance Easily Documented
- Calibration Requirements and Specifications may be Defined for Discrete Devices, Loops or Systems



ProCalLE

ProCalLE was developed for calibration professionals who need more power and functionality, but a simpler, yet refined economical calibration program. User friendly, simple, and cost effective. Everything a calibration solution should combine to create the one tool necessary for any professional to enhance their calibration activities.



ProCalLE Highlights

- Intuitive User Interface
- Powerful Calibration Entry System
- User-Definable Field Labels
- Control System Access With Secure User ID's and Passwords
- Over 50+ Standard Reports
- Communication with Documenting Process Calibrators
- And much more!

ProCalLE

calibration management software

Field Calibrator Utility

With the use of the Field Calibrator Utility, users are able to download calibration assignments & specifications directly to a documenting process calibrator. With the calibrator, the user may then go into the field and complete the calibration assignment in accordance with the predefined and approved procedure. The completed calibration is then easily and seamlessly uploaded as electronic calibration records to the ProCal system database.



Benefits to this process include:

- Efficient use of the latest handheld field calibration tools
- Elimination of costly calculation or transcription errors
- Reduction of calibration task turnaround time

All of the leading field calibrator manufacturers offer products that are compatible with the ProCal Field Calibrator Utility. They include:





HART Communication

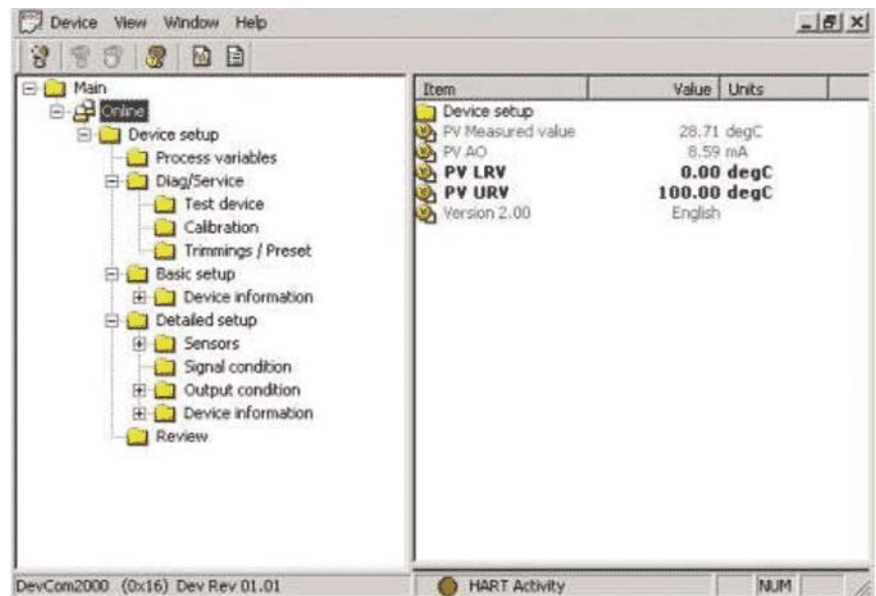
HART Communication Software is available either as a stand alone product or to suit your existing ProCalV5 Calibration Management Software.

Benefits to our HART Communication solution include;

- Perform complete HART device configurations
- Uses the registered DD files from the HART Communication Foundation
- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, Device Status, Diagnostics, & Configurations
- View and edit device Variables
- The most affordable DD based HART communication solution available today

Feature Highlights include;

- Windows Explorer menu layout for ease of use
- Get to the information you want quickly & efficiently
- Device menu structure easy to navigate
- Communication and Event Logs
- Complies with new Enhanced DDL standard
- Comes with all the latest registered DD's from the HART Foundation



System Requirements

(minimums)
Operating System:
Windows NT, Windows 2000,
Windows XP
Processor Speed:
Pentium, 600 Mhz
Memory: 256 MB
Hard Disk Space: 500 MB
Monitor: 256-color VGA
Communication Port: USB,
RS232, or Bluetooth
HART Modem ProComSol
HM-USB, HM-BT-BAT, or
equivalents

Device Descriptions

(DD's)
Current Library HCF Release
2006 No. 2
Number of devices: 691
DD Library Included
Generic DD Included
DD Updates Quarterly updates
for 1 year free

Functions

Monitor PV
Monitor Multi-variables
Monitor Device Status
View and Edit Variables
Save complete device
configuration to text file
Execute Methods:
Trims
Calibrations
Loop Tests
Zero and Span



Product Comparison Chart

Features & Functionality	ProCalLE Limited Edition	ProCalV5 Professional	ProCalV5 Enterprise
Single Account Management	✓		
Unlimited Account Management		✓	✓
Number of Instruments	Up to 1,000	Unlimited	Unlimited
Number of Loops	Up to 500	Unlimited	Unlimited
Number of Test Standards	Up to 200	Unlimited	Unlimited
Number of Systems	Up to 200	Unlimited	Unlimited
Bar Code Enabled	✓	✓	✓
E-Signatures	✓	✓	✓
Change Control	✓	✓	✓
Email Utility (optional add-on)	✓	✓	✓
Field Calibrator Utility (optional add-on)	✓	✓	✓
HART Software Module (optional add-on)	✓	✓	✓
Document Management	✓	✓	✓
Network Ready	✓	✓	✓
MS Access Database	✓	✓	
Single Concurrent User License	✓	✓	
Five Concurrent User License	✓	✓	✓
Scheduling Tracking	✓	✓	✓
Unlimited User Defined Customizable Fields	✓	✓	✓
Calibration History Tracking	✓	✓	✓
Equipment Management	✓	✓	✓
Advanced Queries and Data Filtering	✓	✓	✓
Calibration Label Printing	✓	✓	✓
Calibration Certificate Printing	✓	✓	✓
Copying Asset Records	✓	✓	✓
File Attachments	✓	✓	✓
Professional Training & Configuration Services	✓	✓	✓
Reporting Tools	✓	✓	✓
Test Standard Reverse Traceability	✓	✓	✓
Vendor Management	✓	✓	✓
Automatic Calibration Due Date Calculation	✓	✓	✓
Customizable User Access & Security	✓	✓	✓
Personalized Skins Menu	✓	✓	✓
Multi-Mode for Rapid Calibration Data Entry	✓	✓	✓
Unlimited Hierarchical Structuring For Asset Mgmt	✓	✓	✓
Calibration Report Trending	✓	✓	✓
ProCal Explorer	✓	✓	✓
Customizable Field Relabeling	✓	✓	✓
Unlimited Number of Unique Users	✓	✓	✓
Archive Utility	✓	✓	✓
Compliant Audit Trails		✓	✓



Product Comparison Chart (Cont.)

Features & Functionality	ProCalLE Limited Edition	ProCalV5 Professional	ProCalV5 Enterprise
Compliant Audit Trails		✓	✓
Compliance Event Reporting		✓	✓
E-Approval Policies		✓	✓
Mass Update Utility		✓	✓
Mobile Workstation (optional add-on)		✓	✓
PM/WO Module (optional add-on)		✓	✓
Unplanned Maintenance (optional add-on)		✓	✓
Work Order Management (optional add-on)		✓	✓
Test Type Packages (optional add-ons)		✓	✓
Training Mgmt Module (optional add-on)		✓	✓
Shop Admin Utility (optional add-on)		✓	✓
Validation Protocols (optional add-on)		✓	✓
SQL Server/MSDE Database		✓	✓
Oracle Database		✓	✓
Five or More Concurrent Users Licenses		✓	✓
Uncertainty Calculator		✓	✓
21 CFR Part 11 Compliance		✓	✓
Field Calibration Data Entry		✓	✓
Required Fields		✓	✓
DataExchange Utility (optional add-on)			✓



Unmatched Functionality

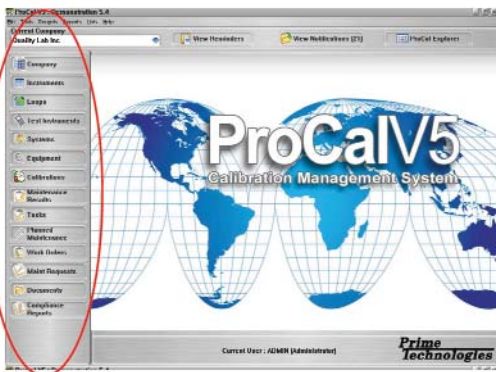
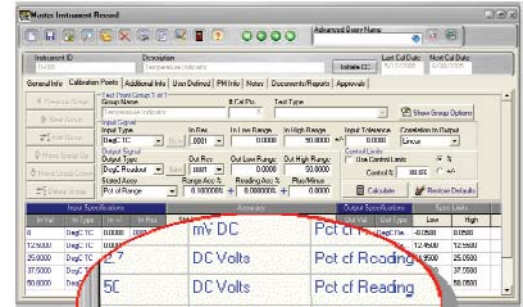




Powerful. Versatile. Incredibly easy to use . . .

Complex Cal Records Made Simple!

ProCalV5 lets you assign multiple input and output engineering units, multiple ranges, multiple test points and multiple tolerances.

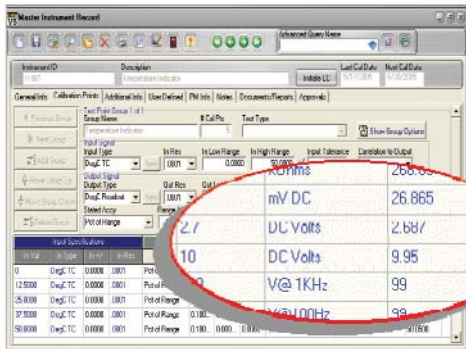
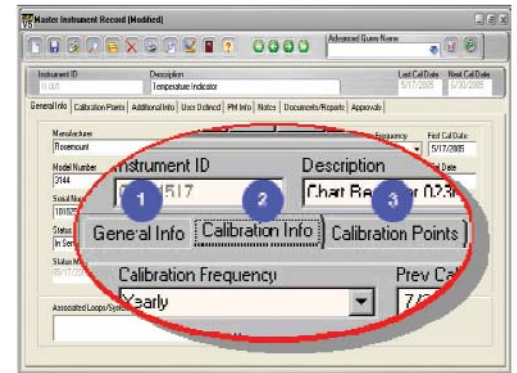


You're Always Just a Click Away!

The new user interface of ProCalV5 allows you to open and run multiple screens at the same time. No matter how many screens are open, you are just a mouse click away from any place you want to be.

Instrument/Record Setup Follows a Logical Path!

One of the features that makes set up so easy in ProCalV5 is the way it allows you to create instrument records. First enter the general instrument information. Next, enter the calibration information template data such as accuracy, input/output ranges, etc. Then enter the selected calibration points, press the calculate button, and you're done!

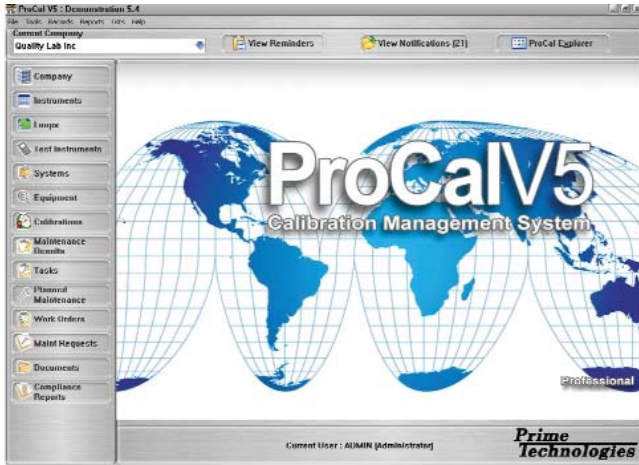


Don't Bring Your Calculator!

As instrument test point data is being set up, ProCalV5 will calculate correlations of input/output engineering units and high/low limits for each test point. During and after instrument calibrations, the program warns for out-of-tolerance data entry. ProCalV5 does it all . . . so you don't have to!

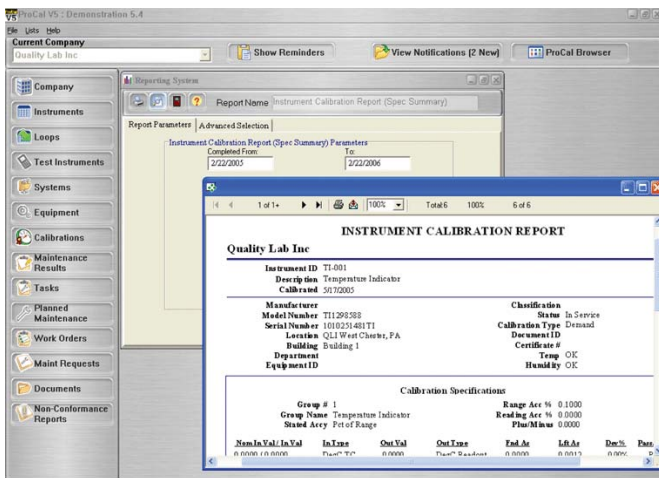


Overview of ProCal Features



User Interface

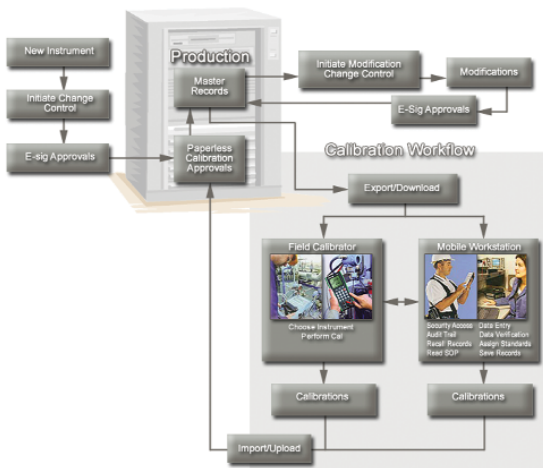
- Centralized ProCalV5 Explorer Toolbar boosts efficiencies
- Sleek design for more intuitive use by end users and management
- "Skins" Mode for Personalization of the Home Screen
- Streamlined Reminders and Notifications for immediate notice
- Updated Graphical User Interface
- Shortcuts from Toolbar for Calibration or Maintenance entry



Reporting

- Includes comprehensive list of reports
- Create custom reports using Seagate Crystal Reports
- Export data directly to Microsoft Excel
- User defined queries may be saved and reused as developed or used as the basis for other queries
- Reports can be developed to collect and incorporate data from other applications

The Proven Path to Paperless Calibrations and 21 CFR part 11 Compliance

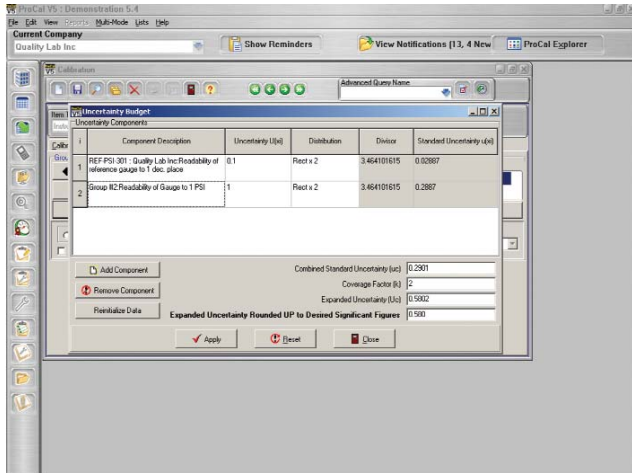


Paperless Calibrations

- 21 CFR Part 11 Compliance
- Assign work electronically to portable devices
- Mobile Workstations display the full user interface with complete system functionality
- Automatically calculate signal correlations, test point tolerances, and check data entry tolerances.
- No need for written out calculations or calculator use!
- Reminders, warnings, alerts and approval routings can be automatically transferred via email, LAN or WAN

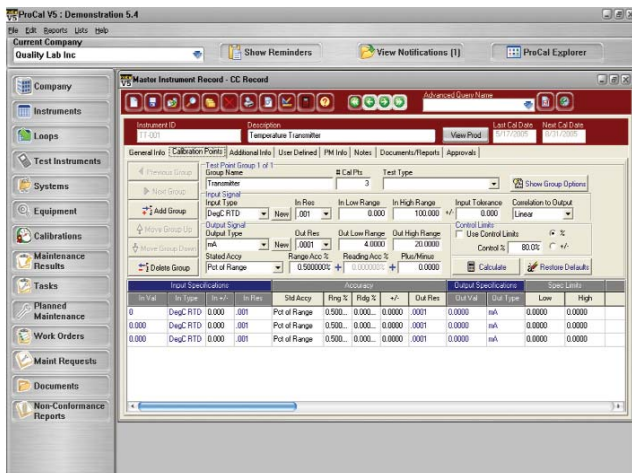


Overview of ProCal Features



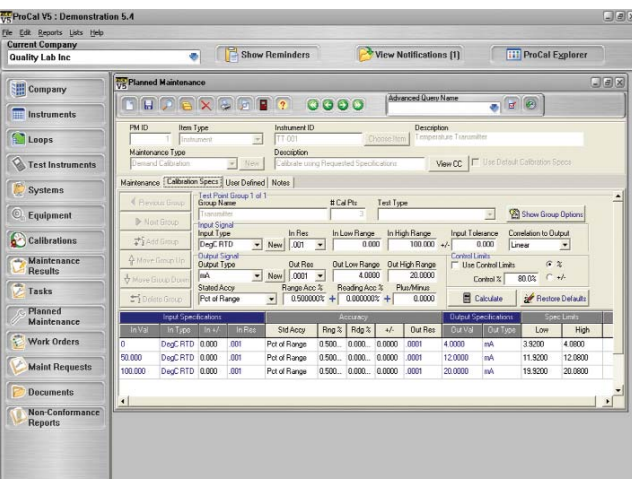
Test Type Packages

- Custom Test Type Package algorithms can be designed to suit any requirement regardless of the complexity
- Useful for HPLC, Spectrophotometer and other laboratory devices
- Create any type of special testing for power, electrical and other equipment & systems
- Custom reports can also be developed to each test to match your exact specifications
- Libraries of existing test sets are available including Uncertainty Calculations



Compliance Management

- Approval Policies with multiple signature routings may be defined
- Master Record Change Control
- LDAP authentication capable
- Fully Validated before release
- Multiple unlimited forced E-Signature Routings
- Audit Trail & Audit Trail Reporting Capabilities
- Fully compliant Mobile Workstations
- Out of Tolerance compliance reporting
- DUT & Test Standard Controls



Planned Maintenance & Work Order Management

- Complete approved calibration specification that can be presented for execution
- Perform multiple Real Time / Paperless calibrations simultaneously
- Controlled changing of test point values in the field and auto calculate new limits
- Automatic notification for out of tolerance recorded date
- Electronically record test standards used from an approved list
- Ability to view important and pertinent documents
- Manage work assignments and workflow
- Establish rules and practices electronically
- Manage and track Change Control



Prime Technologies Services

The Prime Technologies professionals responsible for the development of the incomparable ProCalV5 Calibration Management Solution have the experience and expertise to help you achieve compliance & quality objectives. They are available to assist with Specification development, Project Planning & Management, Procedure & workflow refinement, Testing, Validation and more.

With ProCalV5, calibration managers and technicians alike benefit from a superior off the shelf solution and through our professional support team, they are assured a successful solution implementation.

Implementation Services

When implementing a new Calibration Management Software system, costs associated with this venture should be understood. Complete implementation costs including installation, training, validation, and other operations are usually underestimated.

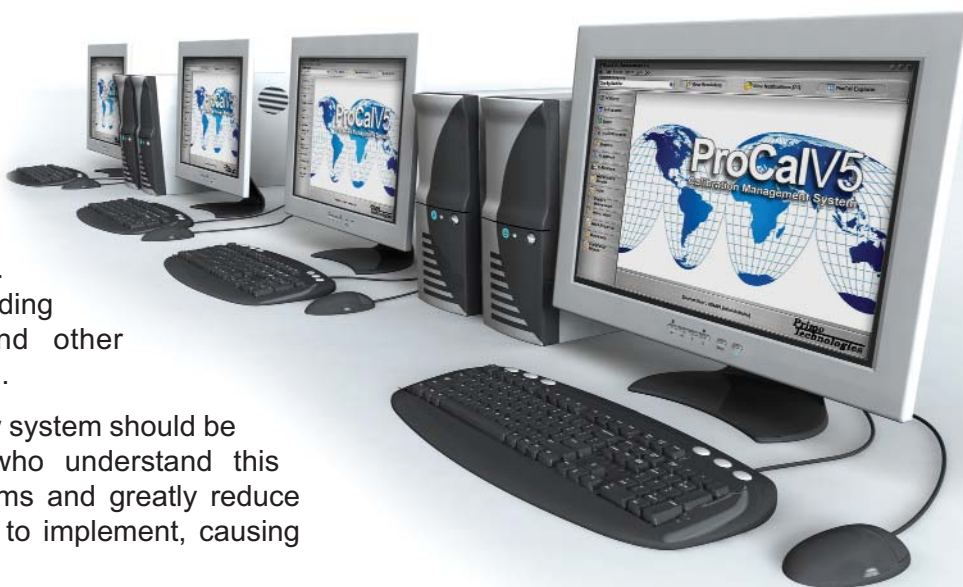
Managing the implementation of a new system should be left to responsible parties, those who understand this process and can manage the problems and greatly reduce hidden costs. Many companies wait to implement, causing return on investment to be reduced.

But in response to this issue, many organizations look to outsource implementation and validation projects to Prime Technologies. This allows the company to reap greater benefits with our implementation professionals.

Integration With Other Systems

Does your organization use separate applications in order to satisfy its day-to-day business operations? Do these applications require their own database and handle uniquely different data? At Prime Technologies we understand this process, and have developed the tool in order to satisfy your desire for a solution that can integrate with your other systems.

Make maximum use of the best of breed solutions or enhance systems already in place with ProCalV5 application integration from Prime Technologies.



Other Services Performed Include

- Specification Development
- Project Planning & Management
- Custom Report Development
- Design of Calibration Test Type Packages
- Application Training
- Data Migration



Prime Technologies Services (Cont.)

Validation & Testing

Looking to eliminate time associated to develop internal testing scripts, time of personnel to validate a new system, and complete an implementation in a matter of weeks, not months or maybe even years?

With Prime Technologies Validation & Testing assistance, your company can eliminate these costly problems. From the first meeting to post validation meetings, Prime Technologies well structured and documented processes not only help ensure an organization's validation goes smoothly, but on time as well.

Prime Technologies Subject Matter Experts will tailor Administrator, Manager and User Training to suit your unique requirements;

- Validation Strategy Document
- Risk Assessment
- Test Plan
- Installation Validation protocol development, IQ
- Operation & Performance Qualification Protocol, OQ, PQ
- Supervision and execution of Validation and UAT
- Validation summary documents



**Eliminate Costly Time Related
Tasks with Prime Technologies
Validation and Testing.**



Why Prime Technologies?

Why Choose Prime Technologies Inc. For your System Implementation Service Provider?

Here's Why!

Prime Technologies offers a wide array of solutions for those seeking professional Calibration Software. With over 10 years of experience in regulated and non regulated industries, ProCalV5 has been specifically designed for those in search of a scalable and economical software package, including procedures designed to reduce risk, maximizing your organization's return on investment and much more.

Computer software implementation, validation, training and various other aspects to a new investing in a new solution takes significant time and resources that can be more effective with vendor participation because...

- Appropriate & Realistic Project Objectives avoiding pitfalls and misdirection that could delay success
- Effective use of application functionality resulting in increased calibration software utility and decreased production costs
- Prime Technologies, Inc. has been there before - Successfully!

Vendors perform a higher level of testing than users and...

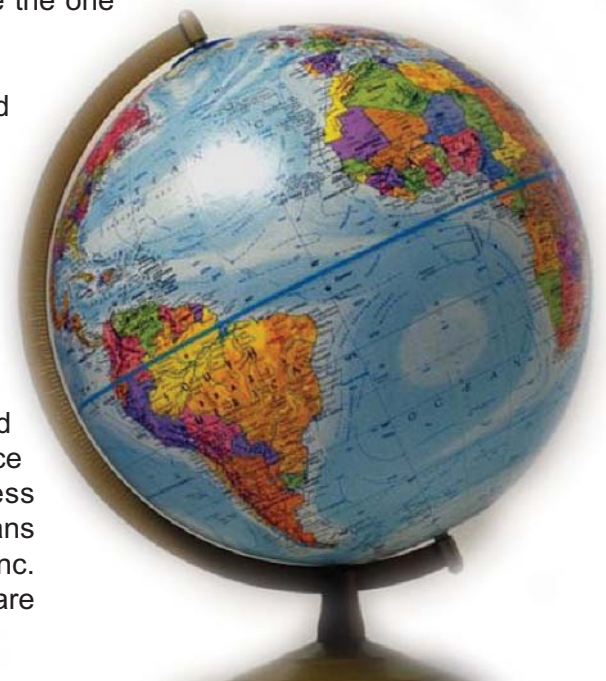
- Thousands of hours have gone into developing and refining our validation test scripts, product knowledge and developing an intuitive program
- We know how to leverage our knowledge into your testing efforts
- Leads to increased testing acceptance by your Quality & Compliance practices

Overview Of Our Solutions

ProCalLE - Developed for calibration professionals who need more power and functionality, but a simpler, yet refined economical calibration program. User friendly, simple, and cost effective...Everything a calibration solution should combine to create the one tool necessary for any professional to improve their productivity.

ProCalV5 - From the beginning our mission has been to develop, and through continuous improvement, maintain for our users a software product far superior to anything else in the market. Whether your needs include a truly paperless compliant real time calibration management solution to a reporting tool or simply a scheduling and alerting system, ProCalV5 is the right choice. Its versatile design and scalability make it the right system for the small business or large corporate enterprise.

Services - With years of experience in calibration management and the life science industries, our services incorporates all the experience and quality management practices obtained from countless implementations and validations. With our fully certified technicians and quality calibration management software, Prime Technologies Inc. will exceed your expectations for calibration management software solution provider.





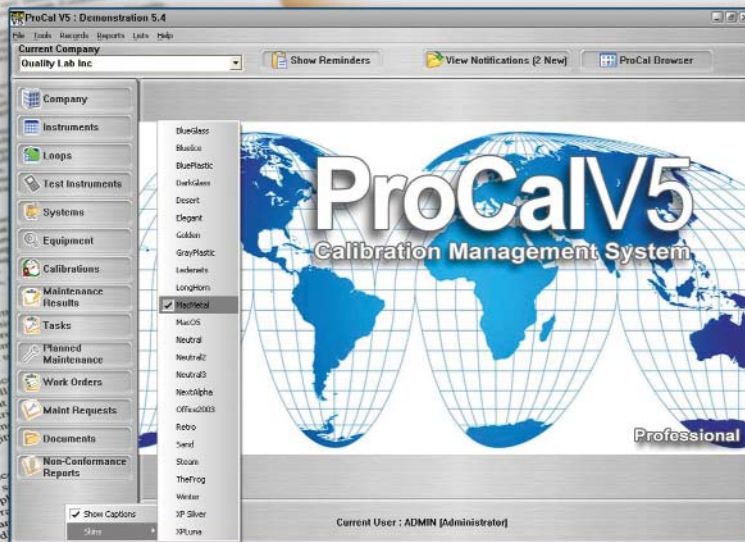
Testimonials

Increasing calibration efficiency was also the driving force behind John Kuehl's recent decision to purchase ProCalV5 software for Cangene, a world leader in the development, manufacture, and commercialization of specialty hyper immune plasma and biotechnology products. "In addition to the technology, our choice had a lot to do with the expertise of the people behind the product",...explains Kuehl, who is Manager of Controls/ Metrology for Cangene.

John Kuehl
Metrology Manager
Cangene Corp.

When asked what helped their organization select ProCalV5, Fred explained that, "the overall versatility of the program compared to other software was exactly what we were looking for. Versatility and easy navigation from screen to screen was what set ProCalV5 apart from the competitors."

Fred Starr
Team Leader
SPI Pharma





Contact Prime Technologies today to learn more!

For more information on functionality, reporting capabilities and how our software solution can benefit your organization, contact Prime Technologies today. For immediate information, please visit our website where you can download a demonstration of our software to learn more about its features and versatility.

20 Hagerty Blvd ~ Suite 1
West Chester, PA 19382
Phone : 610-436-9703 ~ Fax : 610-436-9097
(800) 440-7501
www.primetechpa.com
ProCalV5@primetechpa.com

INTERTECHNA AB
Kvarnvägen 15
663 40 HAMMARÖ
Tel: +46 54-52 10 00
Fax: +46 54-52 22 97
Mail: info@intertechna.se
Web: www.intertechna.se

