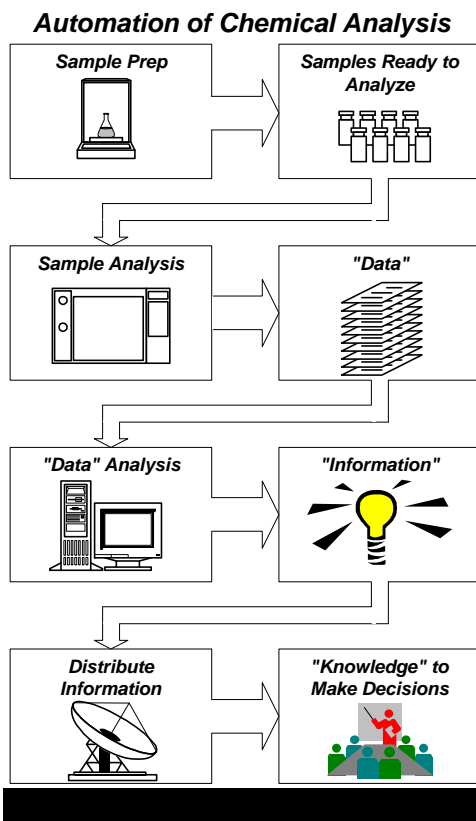

Custom Software Development for Analytical Applications

The goal of any chemical analysis is to convert "Samples" into "Knowledge" that can be used to solve problems and make decisions. Each step of the chemical analysis can benefit from the automation made possible by computers. However, no off-the-shelf analytical data system can address all the unique needs of every company. Custom software applications provide a solution to this problem. *Diablo Analytical uses its experience in Analytical Chemistry and Software Development to address the automation needs that arise in each step of a chemical analysis.*




Diablo Analytical, Inc.

Custom Software Development Services

Diablo Analytical, Inc.

1110 Burnett Ave • Suite C.
P.O. Box 5889
Concord, CA • 94524

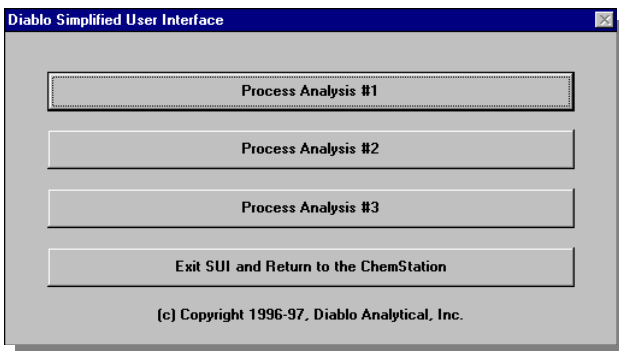
Phone: (925) 609-1150 • FAX: (925) 609-9360
E-mail: diablo@diab.com
WWW: <http://www.diab.com>

 Printed on recycled paper



Application Example: The Simplified User Interface

To the experienced user, the Hewlett-Packard ChemStation provides a powerful chromatographic data acquisition and data processing environment. However, occasional users or busy operators may find the ChemStation complex and have difficulty remembering the proper steps to perform for each analysis that they must run. This can result in wasted time and potentially lead to operator error. Diablo Analytical, Inc. developed the Simplified User Interface (SUI) to address this problem.



- ⇒ Runs as a macro from within the ChemStation
- ⇒ Presents the operator with a dialog box containing a single button corresponding to each analysis that they must run
- ⇒ A Sample Information Wizard collects any information required for the analysis from the operator before starting the run
- ⇒ After performing the analysis, the Simplified User Interface is re-displayed automatically for the next operator.



Diablo Analytical, Inc.

Languages and Application Experience

Programming Languages

- Microsoft Visual Basic
- Microsoft Visual Basic for Applications VBA for Excel
- Microsoft Visual C/C++
- Borland C++
- Borland Delphi Pascal

Data System Macro Languages

- Hewlett-Packard ChemStations
 - MS ChemStation
 - AED ChemStation
 - GC/LC ChemStation
- Nicolet OMNIC Macros/Pro
 - Nicolet DX to OMNIC translations
- GRAMS/32 Array Basic

Statistics and Chemometric Packages

- Pirouette
- Unscrambler
- MatLab
- GRAMS/32 PLSIQ

Application Support Packages

- Application-Specific Windows Help Files
- Professional Installation Programs

Operating System Platforms

- Windows 3.11 (16 bit)
- Windows 95, Windows NT (32 bit)
- MS-DOS
- Integration with UNIX-based systems

Facilities and Personnel

Diablo Analytical, Inc. develops custom software applications from its facility located in Concord, CA. Our programmers are Analytical Chemists with extensive programming experience. This experience means that we understand both the special requirements of analytical applications and the software tools necessary to address those requirements.

We utilize state-of-the-art version control and defect-tracking systems to ensure the quality of our software products. In addition, we provide application support via e-mail and e-mail discussion lists, as well as from our World Wide Web (WWW) site (<http://www.diab.com>).

Diablo Analytical, Inc.

Additional information available upon request:

Application Notes

Application Highlights

Company Profile

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1110 Burnett Ave, Suite C
P.O. Box 5889
Concord, California 94524

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Phone: (925) 609-1150 • Fax: (925) 609-9360
E-Mail: diablo@diab.com
WWW: <http://www.diab.com>