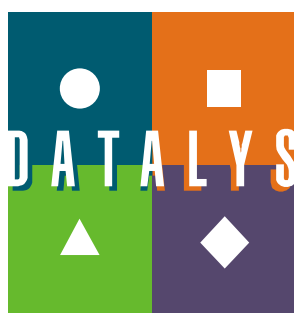


CHROMATOGRAPHY DATA SYSTEM



SIMPLY...EXCELLENT



THE SOFTWARE PARTNER FOR ANALYTICAL CHEMISTRY

DATALYS is a software company specifically adapted to the laboratory environment. It was created with the aim of satisfying the important demands coming from the analytical chemistry community. DATALYS is a service provider for industry, universities and instrument manufacturers.

The DATALYS team gathers together remarkable know-how, resulting from many years of experimentation in the development and trading of software solutions for laboratories. To enable complete success in its project, DATALYS has built its action around 3 axes: *Innovation, Partnership* and *Quality*.

TECHNICAL SUPPORT

DATALYS and its certified distributors propose a wide range of services to allow you to take full advantage of the AZUR software.

First of all, our technical support is above all a team of specialists, ready to answer your questions at anytime. You can contact us by phone, by fax or e-mail (support@datallys.fr). Some tools are also available on our web site.

We also provide training courses for all levels of users which can be carried out in our office or on your premises.

DEMONSTRATION

Would you like to try AZUR in your lab for a period of 30 days ? Just contact us or your local distributor to receive the demonstration CD including the complete AZUR software.



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AZUR Plus

With DATALYS, each user is not only a valued customer but in addition, our real partner. From your experience and your suggestions, we continually improve the software in order to fit your evolving requirements and to offer you the latest technological enhancements.

The AZUR plus agreement protects your investment and allows you to receive automatically, and free of charge, each minor and major upgrade. In this way, you will be sure that your chromatography software will remain up to date.

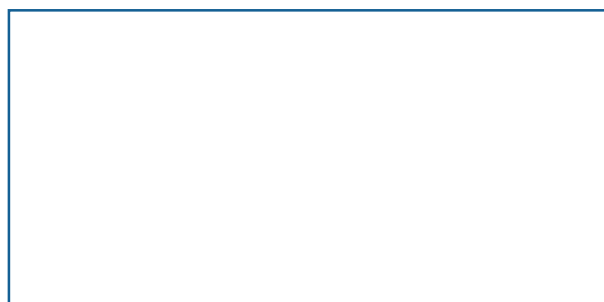
VALIDATION

Like all our products, AZUR has undergone a rigorous checking procedure at each stage of specification, conception, development and production. Each AZUR software package is delivered with its certificate of conformity, which guarantees you a product of the highest quality.

UNIVERSITY

In order to allow students to gain experience using the modern tools they will find in the industrial world of tomorrow, DATALYS proposes a version of the software reserved for teaching purposes. This academic pricing program is a cost-effective way for educational institutions to take advantage of DATALYS's AZUR innovative chromatography software.

Your local distributor :



AZUR Detailed Features



ACQUISITION

2 data acquisition interfaces : PCI internal board or portable acquisition device AzurPAD.
24 bit A/D conversion
Signal data input range : +/- 150 mV, +/- 1,25 V, +/- 10V.
Acquisition rate : from 1 to 100 pt/sec for each channel.
Real-time data transfer to the PC.
Up to 6 fully independent channels.
4 inputs for external starts and 8 TTL outputs
Import/Export (AIA, SPC, ASCII) capabilities for exchange with other software packages.



ARCHITECTURE

Real 32 bit application for Windows 95, 98, 2000, NT, Me and XP
Microsoft mouse-wheel supported
Microsoft Office «look and feel»
Intuitive set-up with automatic Wizards and MS Excel grid style
Multitasking operation
On-line and contextual HTML help.



DISPLAY

On-screen real-time plots
Fully customised chromatogram display (colours, font, axis, labels, scales, height, widths, baseline, raw data points).
Zooming, expanding, compressing, moving the chromatogram
Multiple chromatograms display in overlay or stacked mode.



INTEGRATION

Integrates after each run automatically
Powerful and reproducible integration algorithm allowing to handle any peak shape
Graphic determination of peak detection parameters simply via the mouse.
Integration time events with video Wizard
Manual integration toolkit
PeakTip for real-time display of peak parameters.



IDENTIFICATION

Absolute or relative peaks identification mode with adjustable retention time windows
“On-the-fly” peak identification mode.
Multiple reference peaks supported
Peak groups identification by name and by time slice.
Automatic retention time update.



CALIBRATION

Unlimited calibration levels.
Numerous methods for the concentration calculations including normalization, response factor, several external and internal standards.
Multiple internal standards supported
Point to point, straight line, quadratic, cubic and power curve fits
Equal, 1/c, 1/c² and 1/c³ weightings of calibration points
Include, ignore and forced mode for origin treatment.
Enhanced display of calibration curves with statistics.



AUTOMATISATION

Integrator acquisition mode
Injection sequence for acquisition and processing of large batches of samples with Summary Report.
Quick and easy way to prepare a sequential run program
Instrument configuration Wizard.
Suitable for all chromatographic system (except mass spectrometer and diode array detector)



REPORT

Huge choice of standard report formats (normalisation, internal and external standard, suitability, ...)
Full user defined format including logo, results table, chromatogram plots and methods.
Easy format creation with MS Excel style



SUITABILITY

Reproducibility and repeatability survey on chromatographic parameters for any set of analysis.
Direct export to other Windows applications such as Spreadsheet or word processor.



PROCESS

Very fast method development including integration, identification, calibration, report printing and export to other applications
Batch reprocessing
Designed for connection with AIMS and LIMS.



SECURITY & GLP

Raw data integrity guarantee
Embedded method version in the analysis files
Unique Audit Results view
Events viewer for file history.

Simply ... the excellence

Until now, the choice of a chromatography software has always been a question of compromise. One had to choose between the power or the ease of use, the price or the technology. The offer was limited on one side to low cost and intuitive software packages with poor performance and very often with an old-fashioned user interface, or on the other hand, products most certainly innovative and including many powerful features but too complicated and too expensive. Each new chromatography software provides more and more capabilities ... that the chromatographer will use rarely, or not at all, since one key point has been excluded : the ease of use. For all these reasons we have designed AZUR using this revolutionary concept : simply the essentials and simply ... the excellence.

AZUR is a new generation Chromatography software offering both unsurpassed ease of use and latest software technology at a very affordable price. It provides users with common graphic user interface for any chromatographic instrument regardless of its manufacturer.

AZUR is a true 32 bit application developed in Visual C++ following industry standards. It has been optimised for use with Windows 95, 98, 2000, NT, Me and XP.

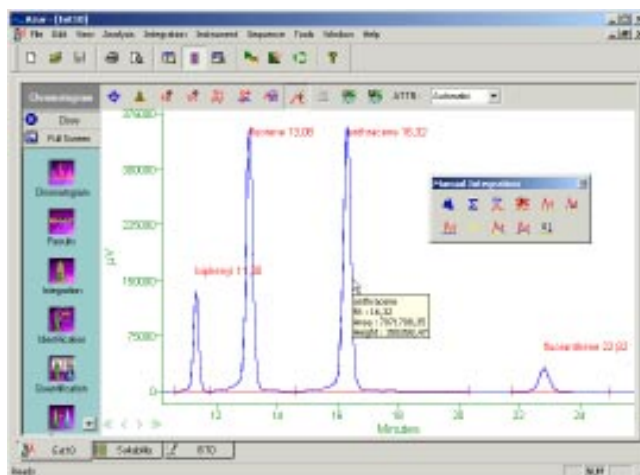


The latest software technology at the chromatographer's service



AZUR combines the simplicity of an integrator and the power of a Windows based software at the forefront of technology. Its Microsoft Office™ look and feel interface provides a familiar environment for any user. Thanks to the AzurBar, you have

direct access to the essential commands. Wizards, ultra fast browsing, graphic integration, contextual menus and help, the customised screen environment, ... Everything in AZUR has been done to make the chromatographer's life easier.



The universal solution



AZUR has been designed to fit the requirements of your chromatography laboratory. AZUR can acquire and process your chromatograms whatever the separation technique used (HPLC, GC, IC, CE), the instrument manufacturer or the operating system (Windows 95, 98, 2000, NT, Me or XP). The set-up of a new instrument is performed via the wizard which guides you step by step. It is as simple as installing a new printer on your PC.



Choosing your acquisition interface



AZUR proposes two powerful acquisition interfaces : the PCI internal board or the AzurPad portable external device. Both interfaces include 24-bit A/D converters and offer exceptional linearity, accuracy and noise characteristics. Based on the ultimate technology, the AzurPad device concentrates all its features in an amazingly small box. It allows you to use AZUR on a laptop computer and turn it into a dedicated data system for on-site analysis.



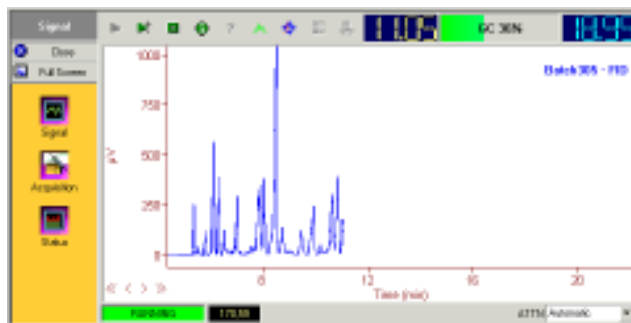


Plug and acquire !



From start-up only a single keystroke is needed to start one chromatogram acquisition. No need to prepare tedious method before. At any time, AZUR is ready to acquire your data even if you are using another application or if you are reprocessing a batch of analysis.

You work in a quality control lab using autosamplers ? Nothing is more simple with the injections sequence. It allows to generate sequences very quickly thanks to its spreadsheet utilities, to automatically acquire and process hundreds of analysis. Each analysis can use specific parameters for acquisition, integration or calibration. And thanks to the Summary report you will be able to print and to export the complete results for all the injected samples at the end of the sequence execution.



Manipulate your chromatograms as you have never done before



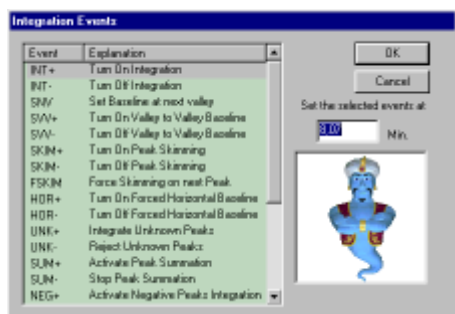
Thanks to its unsurpassed graphic interface, AZUR allows you to manipulate your chromatograms like any other software can. You want to move it or compress it ? It is easy with the mouse-wheel. You want to overlay another chromatogram ? Drag and drop the corresponding file into the work space. You want to display the peak widths ? Just click on the right mouse button to select the display options.



Graphic integration

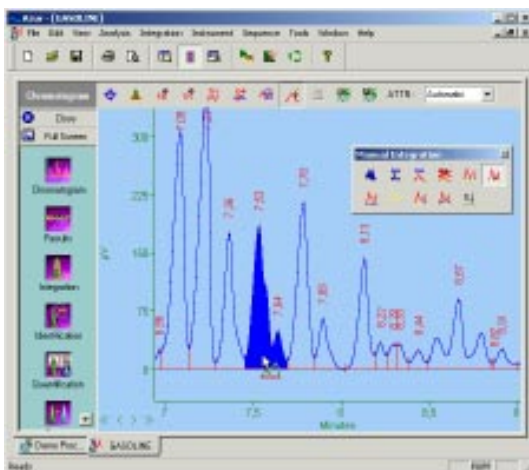


The integration algorithm of AZUR allows you to detect the peaks perfectly whatever their shape or size and to accurately set the baseline. But the key point is that the setting of the parameters is done graphically. You just need to select a portion of the baseline and the smallest peak you want to detect with the mouse. It is child play !



With AZUR, you can also add integration timed events which allows a precise integration when the peaks shape may vary during the analysis. Similarly, the operation is very intuitive via the mouse and due to the AZUR video wizard which describes the effect of each integration event.

AZUR gives you unsurpassed flexibility, in particular with its manual integration toolkit. You can easily place the baseline how you want it, add, fuse, split peaks all with a simple mouse click.



Azur's secret : the tools which will change your life

If AZUR is such an agreeable software to use, it is due to its complete set of unique and innovative tools :

AzurBar : Based on the principle of the well-known MS Outlook Bar, it allows access to different views and to AZUR main functions with a simple mouse click.

Wizards : They will guide you step by step in particular during your familiarisation with AZUR. Some of these wizards even contain animated videos !

Mouse Wheel : AZUR uses the Microsoft mouse-wheel. It is very convenient when moving the chromatogram in the work space or compressing it.

Peak Tip : As soon as your mouse cursor is located on a peak, its key values (name, Rt, area, height) appears automatically in the Peak Tip !

Right button : By clicking on the right button of your mouse, you will access a menu including all the useful commands according to your location within the software.

Data Selector : This is a super file selector which you can keep anywhere in the work space, using it to drag and drop the files you need.



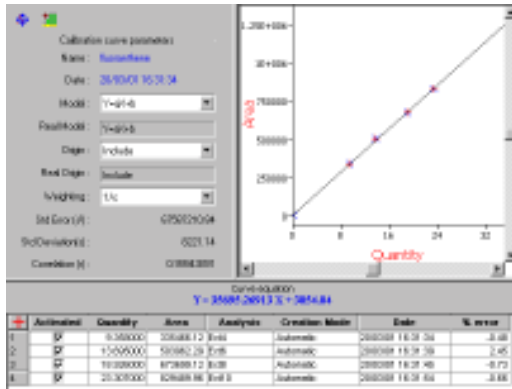
Reliable identification



AZUR automatically identifies your peaks by absolute retention time or in comparison with one (or several) reference peak(s). With its «on the fly» mode, you will be able to identify your peaks directly in your chromatogram on the screen it is difficult to be more intuitive !



Calibration and quantification



The range of the quantification capabilities proposed in AZUR is huge : numerous quantification methods, multiple internal standards, wide choice of curve mathematical models, different origin treatments and several types of calibration points weighting. For your quantitative analysis, AZUR offers you unsurpassed flexibility.



Customised analysis report



AZUR lets you present the results of your analysis in any way you want. You can select one of the numerous existing report formats and get an instant printout of your results. However, you can also generate your own report format including a logo, the chromatogram, the methods used, and all the information relative to the analysis, save it and use it over and over.



Real open system



To take advantage of new emerging technologies and software tools, modern laboratories need to be able to exchange data. The days when proprietary black boxes acted as chromatography data stations have gone ! Designed to fit perfectly into your environment, AZUR empowers you to convert your data into different standard formats (AIA, SPC, ASCII) in order to exchange them with other 3rd party software. One of the major benefits of this is the ability to export results (to LIMS) and/or raw data (to AIMS).



GLP compliant



Everything in the AZUR software has been planned to ensure data security and integrity according to GLP requirements. The analysis files of course contain raw data, but they also contain all the associated information relative to acquisition and process. In particular, the file contains the version of the complete method used. AZUR also offers a unique Audit Results view which allows to check the way quantification has been performed.

More about productivity

The major benefit of the ease of use of AZUR is a very fast accommodation for new users. In few minutes, AZUR can be installed on your computer and ready to acquire your data. This implies significant time saving and no need for painful and expensive learning curves like with other software packages.

AZUR is also distinguished by its capacity to automatically acquire and process large ranges of analysis, for example if you are using autosamplers.

And if you work in research and development, you will be attracted by its ability to acquire samples from a single key stroke like a simple integrator.

AZUR is a smart tool from which you will immediately benefit taking advantage of all its features and so increase your productivity.

