

# Need a Cure For Your Software Systems Headache?



*"We've spent tens of millions on HCS operations but can't efficiently QC new assays."*

*"We've got 12 different lead validation efforts and each one is studying at least 6 different compound classes. We need better visibility on progress in every group."*

*"We're locked into our current cheminformatics provider and they are taking us to the cleaners. We've been given a mandate to pursue vendor-independent alternatives and best-of-breed solutions."*

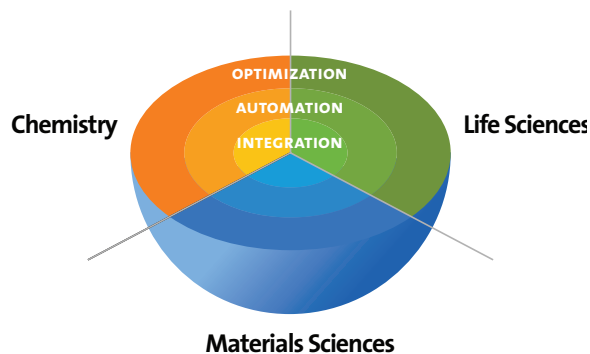
*"Our lead development pipeline is clogged with relatively unselective leads. We need better ways to eliminate these before we begin in vitro screens."*

**Accelrys Solutions Consulting**  
Delivers Proven Solutions to the Scientific Enterprise

Work with a trusted partner who combines scientific excellence with the systems integration and development skills necessary to optimize your scientific enterprise.

## Delivering Proven Solutions to the Scientific Enterprise

The Accelrys Solutions Consulting group has helped resolve the scientific information workflow and software system problems of dozens of innovative companies spanning the life science, pharmaceuticals, chemistry and materials science industries. And, we always approach every engagement with the same goal: to elevate the productivity of your scientific enterprise.



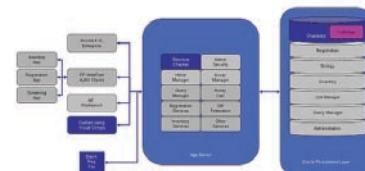
### Case Study 1 Creating a Customized and Vendor-Independent Cheminformatics System

#### Business Issue:

Client locked into current vendor and the cost to upgrade their existing cheminformatics system would be in excess of \$10 million.

#### Solution:

Combine Accord Chemistry Cartridge with best-of-breed third party applications using industry standard application servers. Entire system delivered at 50% of the year-one cost of the old vendor's system.



### Case Study 2 Eliminate Unselective Leads Before *in vitro* Screening

#### Business Issue:

Client spending thousands of person-hours running unselective leads through *in vitro* screens

#### Solution:

Develop unique pharmacophore profiling system with Pipeline Pilot that identifies unselective compounds prior to screening.



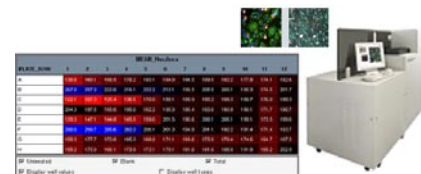
### Case Study 3 Improving HCS Productivity and Results

#### Business Issue:

Client spends millions on new HCS facility, but result quality and productivity are disappointing

#### Solution:

Redesign image analytics, develop new experimental data models, create AJAX-based UI client.



# Accelrys Solutions Consulting

## Has the Technical Expertise to Tackle Your Most Challenging Requests

### Domain Expertise

- Cheminformatics
- Computational Chemistry, Rational Drug Design
- Lead Identification and Optimization
- Lab Automation and Instrument Integration
- Bioinformatics (genomics, gene and protein expression and pathway modeling), Structural Biology, HTS/HCS/HCA
- Material Sciences (modeling and simulation, advanced experimental design and quality control methods)
- Image Analysis, Annotation, and Management
- Text Analytics and Document Management
- Advanced Statistical Methodologies (including bootstrapping/jackknife, automated classification methods, as well as Bayesian, neural nets, and SVM methods)

### Software Development Expertise

- Service Oriented Architectures
- Grid Computing
- J2EE, BEA WebLogic, IBM WebSphere
- Client interface development, including Windows, Java, AJAX
- .NET
- C/C++
- PERL, Python
- Ruby, LISP
- Enterprise Information Management and Reporting Systems: Oracle, MySQL, SQL Server, PL/SQL, SAP, Business Objects, Cognos, SAS, MDL, Accelrys, SciTegic, many others
- Proprietary Technologies (to rapidly integrate and deploy solutions)

So if you've got systems headaches, Accelrys' Solutions Consulting group has answers. Our global team delivers systems that fit your business processes, removing the computational and manual-processing bottlenecks that shackle productivity.

You've made big investments in software, instrumentation and people to drive innovation in your business. Let us work with your team and help you get the most out of them.



Accelrys Corporate Headquarters  
10188 Telesis Court, Suite 100  
San Diego, CA 92121-4779, USA  
Tel: +1 858 799 5000

Accelrys European Headquarters  
334 Cambridge Science Park  
Cambridge, CB4 0WN, UK  
Tel: +44 1223 228500

Accelrys Asia Headquarters  
Nishi-shimbashi TS Bldg 11F  
Nishi-shimbashi 3-3-1, Minato-ku,  
Tokyo, 105-0003, Japan  
Tel: +81 3 3578 3861