



# Strategic Services

## Laboratory Informatics Planning & Selection

CSols Strategic Services are designed to assess your business and laboratory needs, maximize efficiency with tailor-made strategies and plans, and help you attain your goals.

Unlike generic IT projects, planning for laboratory informatics projects require specialized knowledge and expertise. CSols possesses a diverse portfolio of expertise including informatics, industry, domain, regulatory, and IT. Our seasoned team of informatics experts provide a unique blend of science and IT experience that enables us to tackle all of your automation needs. CSols is also completely vendor neutral so you can be assured that your needs and your project's success are our only agenda.

### Informatics Planning

In order to maximize organizational efficiency and effective decision making, understanding your complete informatics environment, interdependencies, needs, and requirements is critical to your success and survival.

#### Landscape and Roadmap Development

Understanding your informatics landscape and then developing the roadmap for your path to success is the first step. CSols addresses these needs by reviewing and documenting your business processes, laboratory processes, informatics architecture, and data and information flow. This information combined describes your As-Is state. We then work with you to develop and define your future, or To-Be, state and the roadmap to get you there.

**Deliverables:** Stakeholder Interview Notes, As-Is and To-Be Workflow Process Maps, Current and Planned Informatics Systems Assessment, Informatics Roadmap (three- to five-year period), Return on Investment (ROI) Determination

#### Business Needs Analysis

A critical success factor for any informatics project is the gathering, development, and documentation of the business needs of the laboratory, and CSols uses a value-added, proven process to do this. Multiple methodologies are used, including one-on-one stakeholder interviews, interactive workshops, data and workflow mapping, and business process analysis

**Deliverables:** Stakeholder Interview Notes, As-Is and To-Be Workflow Process Maps, Current and Planned Informatics Systems Assessment, Informatics Business Needs Analysis

#### User Requirements Definition (URS)

Once your business needs are documented and prioritized, they are translated into your user requirements specifications (URS)—including laboratory, IT, regulatory, and other business requirements.

**Deliverables:** User requirement specification (URS)

#### Testimonials:

“Your experience, advice, and guidance has been a great asset to the team! I'm confident that we will make a better product choice as a result of the experience that you've brought to the project.”

Biotechnology

“Great job pulling all the information together for both the locations. Overall I think things went very well and look forward to the rest of the CSols deliverables.”

Energy / Refining

### Informatics System Selection

CSols' full informatics system selection services will help you plan, define, control, evaluate, and ultimately decide on your informatics solution.

#### Our multi-phase process includes:

- Informatics planning
- Request for proposal (RFP) management
  - RFP development
  - Short list of vendors development
  - RFP question administration
  - RFP response evaluation
- Vendor demonstration management
  - Demonstration scenario and script development
  - Lead vendor demonstration sessions
  - Post demonstration evaluation
- Final solution evaluation
- Selection decision assistance
- Implementation strategy and plan development

#### Deliverables:

- Stakeholder interview notes
- As-Is and To-Be workflow process maps
- Current/planned systems assessment
- Recommended informatics approach document
- SWOT assessment
- Business value and impact assessments
- Informatics roadmap (3 to 5 year period)
- Detailed technical/process recommendations
- Organizational recommendations
- Informatics business needs analysis
- Detailed URS
- Request for proposal (RFP)
- RFP evaluation matrix and results
- Vendor short list
- Demonstration scenario and script
- Demonstration score cards
- Final vendor selection
- Implementation strategy and plan

### Laboratory and Scientific Data Asset Management Strategy

Combining data from multiple disparate systems can be problematic. CSols will work with you to understand and document the databases and underlying data structures and even the metadata definitions of your data systems and will then work with you to develop your data asset management strategy.

**Deliverables:** As-Is and To-Be workflow process maps, Current and Planned Informatics Systems Data Maps, Data Asset Strategy and Plan

### Informatics Program Planning and Management

Large, multi-site, multi-department informatics projects require a program management process that addresses needs beyond standard project management. Included in the CSols program management offering is process harmonization, data and function ownership (local vs. global), prioritization and rollout scheduling, standardization of system integration, and phased training and support.

**Deliverables:** Deployment Program Plan, Program Management

### Regulatory and Validation Strategic Planning

Our unique Validation Services portfolio combines the experience of our industry experts with CSols' tried and true methodologies. We will develop a validation master plan for your system that describes the validation approach including the activities, procedures, and responsibilities associated with validating the system.

**Deliverables:** Validation master plan