

Matrices, Inc.

Business Systems Assessment (BSA)



What's A Business Systems Assessment?

Matrices, Inc. takes a unique approach when looking at a new, or system redesign project. It's a difficult task to spell out exactly what kind of features, functionality and security levels you need. That's where Matrices comes in.

The Business Systems Assessment (BSA) is a valuable process that is an essential first step in any phased project. Basically, Matrices documents your company's business and technical needs, looks at current system architecture (if available), identifies strengths and weaknesses present during the project and recommends a high level design in addition to the best approach to your project.

The information collected in the BSA acts as a guide when actually building or redesigning your system: everything from business requirements to identifying needed functionality. This process produces a document and understanding that benefit a proper design to meet stated goals and is critical to a successful project outcome.

What Happens During the BSA Process?

There are four basic steps during the BSA Process. These steps yield the information your company needs to help make informed decisions when considering building a new system, or redesigning a current one.

Joint Requirements Development

Through a series of interviews, Matrices, Inc. gathers information from appropriate stakeholders in the project such as users and high level decision makers. Both short and long term goals are identified.

Understanding Your Current System

Matrices will look at the system from many different angles, building a taxonomy of the current system and identifying the existing system architecture.

Identifying Strengths & Weaknesses

Through a SWOT Analysis (Strengths, Weaknesses, Opportunities, Threats), Matrices, Inc. identifies areas that will affect the project and includes the results in a management overview.

The Recommendation

If you look at it in terms of building a home, the BSA is the site survey and interview questions, which is the foundation to designing a blueprint to meet your needs. The final BSA document delivered contains:

- Management Summary (the summary of the findings)
- Current technical state documents
- Our notes from the Joint Requirements Sessions
- Concept and approach for the new system
- Our recommendation for the Next Steps in your project.

Business Systems Assessment	Design	Development	Test & Implement	Evaluation
<ul style="list-style-type: none">• Understand business & technical needs• Joint Requirements Sessions• Review existing system• Prepare a management summary• Wireframe design of high level features• Identify external system integration opportunities	<ul style="list-style-type: none">• Prepare new site taxonomies• Database design• Data flow analysis• Develop project• Develop screen wireframes & use cases• Prepare a development work plan including tasks responsibilities & time lines	<ul style="list-style-type: none">• Production phase• Content collection & development (copy, images, etc.)• Programming & layout• Graphics & artwork• Prototype	<ul style="list-style-type: none">• Beta testing• User testing• Rollout to field• User assistance	<ul style="list-style-type: none">• Review results• Plan for future improvements & versions• Web tracking and Search Engine Optimization review