



## Project Analysis & Design Service

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### **SUMMARY**

The Project Analysis and Design Service (PADS) is an integral component of Cylogy's professional services offerings. Designed to translate your project requirements into an effective and logistically conservative design and implementation plan, Cylogy's PADS service pinpoints the functional needs of your project effort and provides a deployment blueprint for the appropriate technologies.

The technologies enabling the online delivery of information and services are a relatively recent arrival. Internet web site and application solutions provide the opportunity to dramatically reduce your operational costs and enhance the quality of your organization's services. Cylogy brings to bear some of the highest quality technologies and most qualified professional services in the IT consulting marketplace.

Cylogy personnel have been advising on and implementing technical and business solutions for the Internet since 1995. Our composite set of skills and experiences combined with our broad base of partnerships places us in a unique position to offer some of the industry's most robust information technologies and professional services.

### **PROCEDURE OVERVIEW**

The PADS procedure is a five-step process that begins with Cylogy personnel presenting an overview of both the products and general concepts related to your project. The next step involves a discussion and mutual understanding of your overall business model, including such details as your profit model related to IT services and the goals that each of the project stakeholder personally seek to achieve. From here the focus is shifted towards clearly defining the functional objectives for both the system as a whole. Prioritized requirements are agreed upon by all constituents and resulting decisions are recorded in Cylogy's final proposal document.

The documented requirements are subsequently translated into features and implementation specifics during the technology specifications phase. Features are typically defined in terms of conceptual approaches and are eventually translated into specific technical designs.

The result of step four is the near final road map to success, delivered in the form of a proposal document and representing a blueprint for achieving the previously defined project goals. The final piece is organizing the timing, resources, and other logistics of the project and tying all the pieces of the analysis together in the project proposal.

### **ADDITIONAL SERVICES**

Cylogy's professional services competencies are focussed on web applications, content management solutions and enterprise portals. Each of these services include project management, application design, custom development, and database services. For additional details please refer to our web site at <http://www.cylogy.com> or send an e-mail to [info@cylogy.com](mailto:info@cylogy.com).



## Service Details

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### OVERVIEW

The project analysis procedure is a five-step, interactive analysis of a customer's business and technical objectives as related to their information technology solution. Because of the relative complexity of many IT project efforts and the number of different groups that typically maintain vested interests, this service is strongly suggested as an integral prerequisite to any successful project.

### TECHNOLOGY INTRODUCTION

- Definition of terminology and overview of technical concepts, specifically distinguishing between functional and technical goals of the project
- Infrastructure platform overview and technical limitations
- Case study review, sample applications

### BUSINESS MODEL EXPLORATION

- Customer business exploration, plans, patterns, and current approaches
- Business profit model in relation to information technology
- History of current project efforts and gap analysis of existing solutions
- Relevant marketing strategies: branding, user acquisition, target market, technical marketing considerations
- Ideal world exercise
- Project stakeholder interviews, vision gap analysis

### FUNCTIONAL REQUIREMENTS

- End-user group definitions
- Brainstorming for list of initial "must have" functionality
- Initial set of core use case scenarios
- Initial system performance requirements
- Clearly define requirements for project success
- Additional brainstorming exercises to determine possible future directions

### TECHNICAL FEATURE SPECIFICS

- General architecture and infrastructure details
- Conceptual application model approach
- Technology selection process and recommendations
- Delineate and document system integration points, respective owners

### PROJECT LOGISTICS

- Project planning: risk mitigation, resources, phased Gantt chart
- Project personnel identification, roles and responsibilities definition
- Longer term system administration requirements
- Training requirements and definition of target project schedule