Who is Trasys?

Trasys is a privately held, woman owned, information technology consulting company providing practical and innovative business solutions to mid-market and Fortune 500 companies.

The company has been operating profitably in the Greater-Cincinnati and Midwest consulting market since 1998.

Our flexible approach to working with our customers encompasses project based, staffing and permanent placement solutions; bringing an experienced management and delivery team to customer requirements, and assuring that projects are brought in on time and within budget.

Strategic Services

Trasys Strategic Services Practice works with organizations to establish and tune strategic directions, providing guidance for business leaders and enabling business process improvements through use of technology.

Application Development and Integration

Trasys builds or modifies mission-critical applications to ensure reliable delivery of the services needed to compete in today's marketplace. In doing so, Trasys can provide services from discrete technical skills to full SDLC management.

Infrastructure Services

Trasys Infrastructure Service offerings include a full range of technology implementation and support services for our client's infrastructure and applications needs. Skills encompass design, implementation, support and operations for networks, servers, storage systems, security and desktops.

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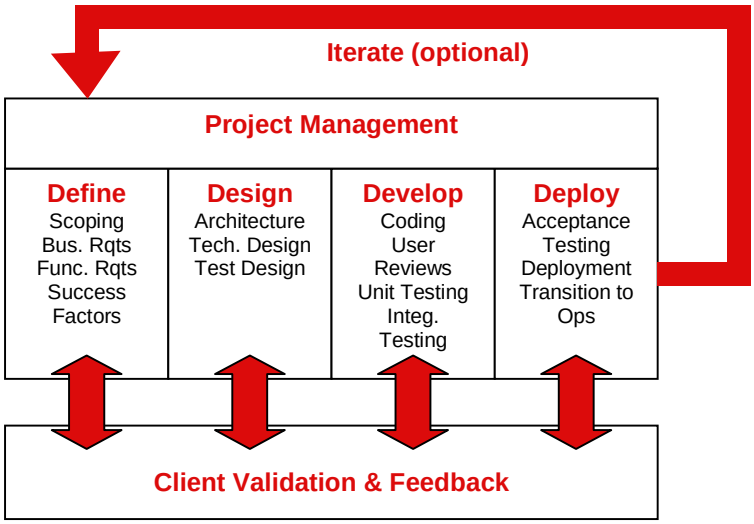
Application Development & Integration Method

Trasys software development method can apply a broad range of development approaches founded on a simple four step, 'modular' development structure as shown in the diagram below.

For iterative and agile development the method diagrammed below can be iterated and sequenced to deliver measured development steps that can be evaluated for project continuation as in a SCRUM style agile environment where measured goals are phased and elaborated over cycles of development intended to yield specific value each time.



The ***Define Phase*** establishes an agreed scope for the project effort. In an iterative environment, the definition phase sets goals for this iteration.

- Definition addresses what is to be achieved
- The goals and success measures are defined
- The completion criteria are defined
- Specific requirements are identified

The ***Design Phase*** constructs a detailed plan of action intended to deliver the requirements identified in the Define phase.

- Design addresses how the goals are to be achieved
- Technologies are selected
- UI and process designs are produced, Trasys prefers development of designs as Use Cases
- Operating environment issues are considered and resolved within the design
- A testing strategy and test cases are designed to validate the work product based upon the output of both Definition and Design work activities.

In an iterative environment, non functional, architectural and standards issues are defined in depth for the first iteration, and only revisited to validate ongoing currency and compliance in future iterations. For iterative development the design phase is focused on delivery of additional value-added functions on all iterations after the primary iteration.

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The ***Develop Phase*** encompasses the development of application code to deliver the designed functions. Trasys believes that development integration testing be performed in parallel to identify and eliminate problems as early as possible in the code lifecycle, by designing test cases and methods early in the Design phase, development and testing can be executed hand in hand either in formal test-based engineering, or through sequential code release testing in periodic cycles.

- Development addresses the realization of the Define and Design phases
- Code releases are developed and unit tested by developers
- Periodic releases of builds are submitted for formal testing
- The goals and success measures from the definition phase are used to measure progress, constantly tracing back to requirements to ensure delivery and expected functions match.
- Code development is managed through to deployment readiness.
- Final code is frozen, backed up, configured as a deployable package and passed into the Deploy phase.
- The final deployment plan is finalized, tested in isolated environments and passed over to the deployment phase.

The ***Deploy Phase*** encompasses all tasks and activities associated with the implementation, deployment and transition of a new application code into a production operational environment.

- User acceptance testing is performed
- Training is executed for production support staff and the new application is integrated into normal operations support processes for trouble ticket reporting and help desk support.
- Deployment date is selected, back-out and rollback plans are finalized for manual and automated processes dependent upon the go-live
- Code packages are managed through production change request procedures
- Code packages are deployed to production
- Post production validation is performed
- Documentation and development artifacts are collected and submitted to client archives
- Project deliverables are confirmed with the client and signed off
- Project is closed

Project Dynamics for On Site, Offshore and Virtualized Development Teams

Development environments can dictate to a large degree how a project will be managed. The SDLC described above does not assume any particular manner of geographic development and does not discuss project management methodologies directly because these will differ based upon what form of development environment must be addressed.

On-site

Trasys can provide a full development team to operate on-site within the client's premises. From Project Management, through Architects, Analysts, Developers and Test Engineers Trasys can own the delivery of a full development effort, or provide focused skill groups to provide component skills, such as a dedicated QA team or Business Analysis team to fill out the needs of a larger development effort.

Off-Shore/Virtual

Trasys senior delivery staff have years of experience in the operation of on-site/.off-shore or virtualized team software development and delivery, including optimization of offshore delivery model processes.

The special requirements to understand how to work with ethnically and geographically diverse team members and the pressures of communication across a wide variety of time zones and languages are problems that have been addressed in the past and should not be underestimated for complexity or project impact. If you intend to work with offshore teams, you need to have someone working for you with specific experience in that area who is not an employee of your offshore partner.

Trasys can offer experienced project managers who can help development teams achieve their goals in an Offshore or virtualized environment.

Trasys also maintains active partnerships with off-shore technology organizations, should a client wish to engage development with an offshore team in place.

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