

## Star Knowledge Project Methodology Approach

Managing complex software development projects is about competent and efficient utilization of resources (human, financial and technical) agreement of business and technical requirements, selection of appropriate technologies to meet the customer's 'time-to-deploy' requirements and real time risk, problem, and change management during the project life cycle.

Our Knowledge Compass Project Methodology® (KCPM) is designed specifically to ensure successful customer projects by providing a dedicated project governance environment that oversees project, development and quality effectiveness, efficiency and risk through-out the total project.

We believe that the most mission-critical question to answer before commencing a software development project is: Why is this software solution needed? A positive and value quantified response is necessary to support the software's requirements and agreement and acceptance of the deliverables.

The Star-Knowledge approach to successful quality-based software development incorporates the below elements:

- **Business Requirements:** What features are required to be included in the software solution?
- **Design:** How technically will the solution offer these capabilities?
- **Coding:** How will the capabilities be translated and created as software code and built into a system?
- **Testing & Delivery:** How will the software solution be tested, accepted and deployed at the customer' site?

The Knowledge Compass Project Methodology® includes these four elements within an integrated (MS) project plan so that the customer's business and technical requirements are continuously tested and challenged while code evolves during the software build.

The project plan provides for continuing assimilation of all coded components, incremental builds, and ongoing validation and verification of refined requirements and design. This approach encourages a shared ownership of the deliverables among all project stakeholders and reduces risk of miscommunication, project divergence, and unplanned surprises during the project.

The Summary View of the Knowledge Compass Project Methodology<sup>®</sup> is shown below:

