CSC Catalyst® is CSC’s global methodology. Catalyst has a proven approach that integrates industry standards, innovation, experience and tool expertise to deliver consistent, efficient, and high-quality services and solutions to our clients. Catalyst has a common vernacular and approach that spans across industries, countries, cultures and time zones—ensuring consistency, collaboration and quality.

Catalyst is a set of repeatable processes and techniques for analyzing a business situation and developing and implementing the best solution. It covers the complete project life cycle, from Vision and Strategy through Development and into Operational Services, including maintenance.
CSC CATALYST BENEFITS AND BUSINESS RESULTS

- Provides a complete and flexible framework for business change, addressing all dimensions of the enterprise
- Fosters effective business-driven solution development and technology leverage
- Facilitates solution alignment and integration, focusing on accelerated business results
- Fosters innovation and enables greater business agility by employing a reliable framework and inventive techniques
- Provides repeatable processes and disciplined project management for reliable cost, schedule, and quality performance
- Provides measurable process baselines for continuous process management and improvement
- Offers a current and relevant knowledge environment, enabling collaboration and best-practice sharing
- Supplies a foundation for achieving process maturity (for example, CMMI levels) and other industry standards compliance.

DOMAINS OF CHANGE: A KEY TO PROJECT SUCCESS

One of the keys to project success is recognizing how the solution fits into the organization and identifying all affected areas within the company. CSC Catalyst analyzes the solution in terms of six domains of change. This analysis guides the definition of project scope and magnitude and helps integrate the work effort.

**Business process** addresses what the enterprise does, how it does it, in what sequence it does it, what rules it follows, and what type of results it obtains.

**Organization** focuses on the people within the enterprise: their culture, their capabilities, their roles, their team structures, and their organizational units.

**Location** specifies where the enterprise does business, in terms of location types and the specific physical facilities at specific locations.

**Data** addresses the content, structure, relationships, and business data rules surrounding information the enterprise retains permanently.

**Application** encompasses the capabilities, structure, and user interface of software provided to the business users.

**Technology** identifies the hardware, system software, and communications components used to support the entire enterprise.

CLIENT SUCCESSES AROUND THE WORLD

Catalyst plays a key role in winning business and ensuring success with our clients.

- Every day, 9000 trains travel Switzerland's railway network. CSC used the Catalyst Enterprise Architecture methodology to identify connections, dependences, and synergy potentials in order to improve the business / IT alignment, the performance of the business processes, and to cut costs.

- For an Australian mining company CSC created a stand-alone, practical systems development and integration method that enabled standardization and reuse of the development process across projects and provided a basis for program- and project-level planning, while meeting the imperative to get their processes up and running quickly.