Centrum Systems

CENTRUM SYSTEMS | BUSINESS SOLUTIONS

Centrum Systems provides specialist software and consultancy services - contributing both business and technical skills to assist our customers in successfully delivering business solutions.

Skilled Information Architecture & Solutions Driving Business Success

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CEN TRUM

Skilled Information Architecture & Solutions Driving Business Success

Project Delivery Process

By partnering with Centrum, you are accessing a depth of software engineering and project delivery experience with an emphasis on understanding and meeting business expectations.

Project Delivery Challenges

Within the IT industry, project delivery is often unpredictable and high risk. According to research conducted in 2007 by Computer Associates:

• Over one third of IT projects deliver over budget; one quarter are at least 50% over budget
• Project durations are unpredictable and most overrun designated completion dates
• The majority of projects fail to deliver the intended benefits
• IT projects are becoming increasingly complex.

Centrum's team offers both the experience and a robust, disciplined methodology which work together to minimise these risks.

Engagement Practices

DELIVERY APPROACH
The Centrum engagement model provides flexible project delivery based on customer preferences. We have successfully used the following approaches:
• Agile / Collaborative
• Joint Application Development
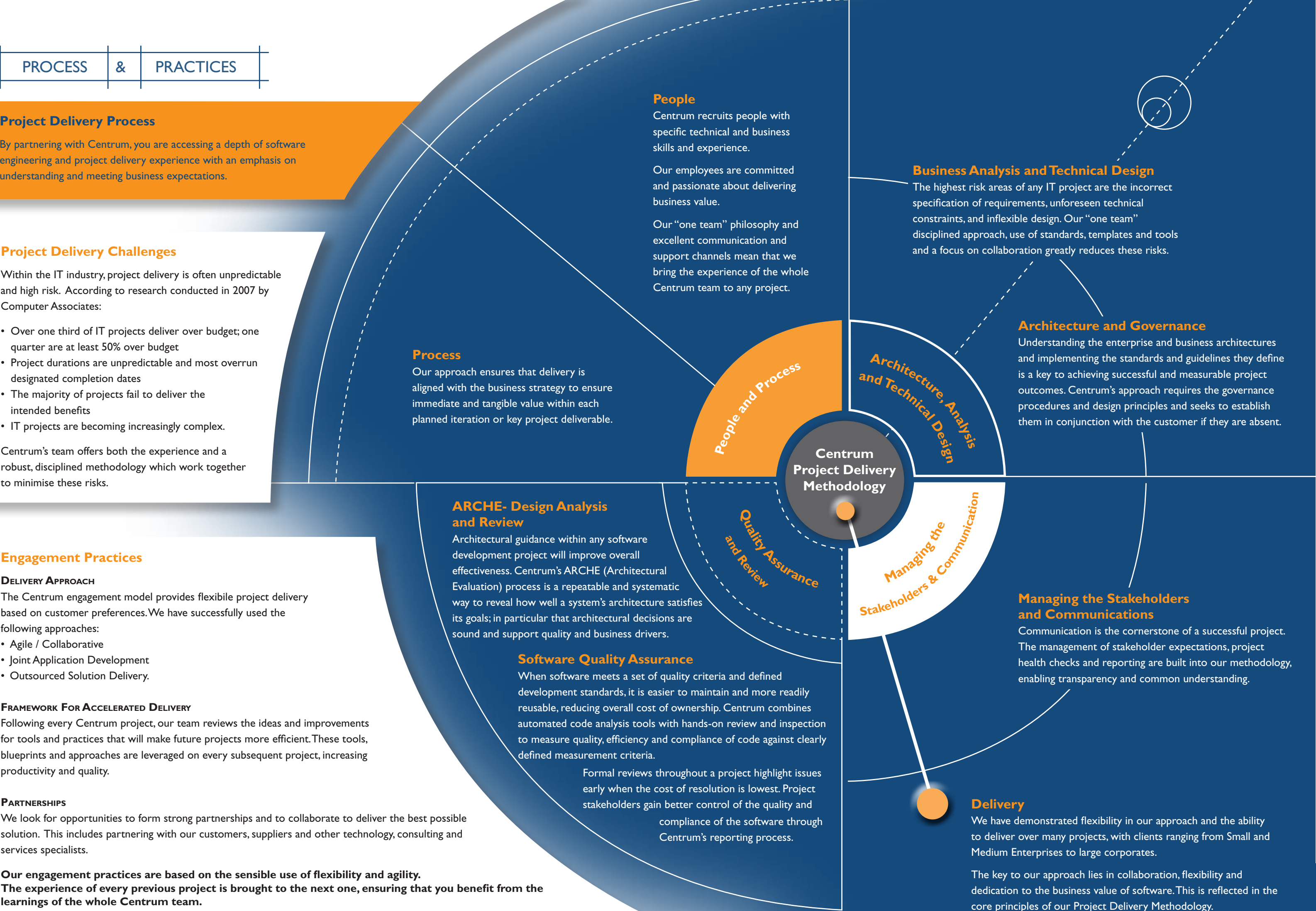• Outsourced Solution Delivery.

FRAMEWORK FOR ACCELERATED DELIVERY
Following every Centrum project, our team reviews the ideas and improvements for tools and practices that will make future projects more efficient. These tools, blueprints and approaches are leveraged on every subsequent project, increasing productivity and quality.

PARTNERSHIPS
We look for opportunities to form strong partnerships and to collaborate to deliver the best possible solution. This includes partnering with our customers, suppliers and other technology, consulting and services specialists.

Our engagement practices are based on the sensible use of flexibility and agility. The experience of every previous project is brought to the next one, ensuring that you benefit from the learnings of the whole Centrum team.

People
Centrum recruits people with specific technical and business skills and experience.

Our employees are committed and passionate about delivering business value.

Our "one team" philosophy and excellent communication and support channels mean that we bring the experience of the whole Centrum team to any project.

Process
Our approach ensures that delivery is aligned with the business strategy to ensure immediate and tangible value within each planned iteration or key project deliverable.

ARCHE- Design Analysis and Review
Architectural guidance within any software development project will improve overall effectiveness. Centrum's ARCHE (Architectural Evaluation) process is a repeatable and systematic way to reveal how well a system's architecture satisfies its goals; in particular that architectural decisions are sound and support quality and business drivers.

Software Quality Assurance
When software meets a set of quality criteria and defined development standards, it is easier to maintain and more readily reusable, reducing overall cost of ownership. Centrum combines automated code analysis tools with hands-on review and inspection to measure quality, efficiency and compliance of code against clearly defined measurement criteria.

Formal reviews throughout a project highlight issues early when the cost of resolution is lowest. Project stakeholders gain better control of the quality and compliance of the software through Centrum's reporting process.

Business Analysis and Technical Design
The highest risk areas of any IT project are the incorrect specification of requirements, unforeseen technical constraints, and inflexible design. Our "one team" disciplined approach, use of standards, templates and tools and a focus on collaboration greatly reduces these risks.

Architecture and Governance
Understanding the enterprise and business architectures and implementing the standards and guidelines they define is a key to achieving successful and measurable project outcomes. Centrum's approach requires the governance procedures and design principles and seeks to establish them in conjunction with the customer if they are absent.

Managing the Stakeholders and Communications
Communication is the cornerstone of a successful project. The management of stakeholder expectations, project health checks and reporting are built into our methodology, enabling transparency and common understanding.

Delivery
We have demonstrated flexibility in our approach and the ability to deliver over many projects, with clients ranging from Small and Medium Enterprises to large corporates.

The key to our approach lies in collaboration, flexibility and dedication to the business value of software. This is reflected in the core principles of our Project Delivery Methodology.

People and Process

Architecture, Analysis and Technical Design

Quality Assurance and Review

Managing the Stakeholders & Communication

Centrum Project Delivery Methodology

Business Solution Services

A successful solution is one that delivers high business value. Creating successful systems to support a business depends on strong communication and trust across a multi-skilled and diverse team with a common goal. It is a complex set of challenges that requires much more than clever technology and good planning to resolve. Co-operation and collaboration with our customers and stakeholders, whether they are off-shore, in-house or outsourced, are key components in achieving successful, quality outcomes. This is what we strive for and what differentiates Centrum from our competitors.

The Centrum collaborative partnering model ensures that we are able to support the whole solution lifecycle. Our focus on process and flexibility in the engagement model provides the confidence that the solution will be delivered efficiently and cost effectively, leveraging productivity and quality benefits from previous experiences.

Services Summary

Our business solutions team provide services in the following areas:

End to End Project Delivery Services
  • Development Processes and Tools
  • Development and Implementation
  • Release and Configuration Management.
Specialist Consulting
  • Solution and Technical Architecture
  • Business Process Analysis, Design and Implementation.
Technical Consulting
  • Software Quality Assurance
  • Architecture, Design and Code Quality Reviews
  • Test Strategy, Planning and Management.

Solution Delivery and Development

The Centrum team has significant experience and a track record of delivery particularly in the following areas:

• System Integration; including Web Services design and development
• Portal and multi-channel solution development
• Online / Web Application design and development
• Workflow and business rules design, development and integration
• Data Management and consolidation.

Centrum specialises in object-oriented and component based technologies, especially on the Java/JEE platform. We bring specialist knowledge of:

• Standards, tools, and frameworks
• Application Server Platforms
• Industry trends and best practices
• Web application implementation, tools and frameworks
• Development best practices, tools and processes.

In addition, the Centrum team has built up significant expertise and experience in business process and rules based technologies and practices. We have established strong relationships with specialist product vendors to ensure that our team has access to the product knowledge required to deliver the best solution.

Examples of our projects include:

• Business Process management and solution implementation
• Design and implementation of a rules-based, flexible commission system
• Corporate Actions processing
• Statement production
• Regulatory reporting
• Self-service portals, including advisor tools, payment gateways and account and portfolio management.

Collaboration, a focus on the business problem and a proven approach to quality and "fit for purpose" delivery combine to drive the right solution for our customers.

Centrum offers expertise in a range of different technologies, applications and industries, working closely with our customers to identify synergies to reduce cost and risk.