

## SINGULARITY PROCESS PLATFORM™ PROCESS AND SOLUTION BUILDER – DEVELOPER (4 DAY)

### Singularity

Singularity increases the performance and agility of business processes by rapid implementation of its industry-leading Business Process Management (BPM) and Case Management products.

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This 4-day course provides attendees with in-depth, hands-on experience using the Singularity Process Platform™ to build and manage business processes. Attendees become familiar with a broad range of architectural and technical features of the Platform and through coursework gain practical experience building, executing, monitoring and optimizing high-performing business processes.

### TARGET AUDIENCE

- The developer course is aimed more at an audience who wish to obtain an overview of the key process features and focus on the more technical features of the product e.g. integration activities, front end development using the Solution builder.
- Developers/Technical Business Analyst

### COURSE PREREQUISITES

- An awareness of the following technologies – VB Script, COM, .Net, XML, Web, would be preferred but is NOT essential.
- An appreciation of ASP.NET would be useful for the API module.

### OBJECTIVES

**The objectives of this course are to allow attendees to:**

- Become familiar with the Platform's concepts and development environment
- Understand when to use business process or case
- Build a simple business process map
- Examine some of the main process features (Work Queues, Exception Handling, States, Roles, Milestones, Business Rules, Categories, Checklists, Process Events, etc).using the Platform's Process Builder graphical design tool
- Test business process maps using the client tool
- Gain an overview of the various integration activities e.g. scripting, Data Access, .NET, COM, and Web Services
- Create a web based front end to drive the business process maps using the Solution Builder or Singularity Workspace
- Overview of the Process Platform APIs

### COURSE UNITS

- Introduction to the Singularity Process Platform™
- Using the Process Builder (graphical process design tool)
- Creating and assigning resources e.g. people, worker groups, roles
- Building a typical Business Process (BP) map
- Creating process building blocks e.g. activities, decisions etc
- Examining service level agreement information and using a business calendar
- Adding Platform variables to hold business process data
- Examining embedded business processes and sub jobs
- Understand and implement multi choice branching and business rules
- Understand and implement process events
- Understanding business process escalations when SLAs are not met
- Creating integration/programming activities e.g. Script/.NET/Web Service activities
- Setting up activities to use Dynamic Resource Allocation
- Using the Solution Builder to create a web based front end based on the Singularity Workspace™
- Overview of common APIs

