knowledge16

Experience the Service Revolution



Inside Project Portfolio Management 102

BRIAN MCQUILLAN
SENIOR MANAGER, PRODUCT MANAGEMENT
ServiceNow

CHRIS KAESER
SENIOR SOLUTION CONSULTANT
ServiceNow

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Objectives

- This is a new feature that allows the Project Management Office (PMO) to define a new ‘Program’. A ‘Program’ is a group of related projects, demands, and program activities managed in a coordinated way to obtain benefits not available from managing them independently.
- These programs are managed by program managers. The program manager should be allowed to create tasks specific to the program. These tasks are essential for successful completion of the program, but are outside the scope of projects.
- The program manager can also define key milestones, anticipated risks and issues for the program.
- The program manager also ensures that all participant projects of the program are on track in terms of cost, resources, and schedule.

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How Does This Feature Work? Use Cases

- The Project Management Office (PMO) has requested that IT provide a new feature to define new programs and then group related projects and demands under the program:
  - As a PMO director
    - I navigate to program definition form to:
      - Define a new program
      - Assign a program manager to the program
  - As a Program Manager
    - I navigate to the program form to:
      - Associate related demands and projects to the program
      - View estimated and budgeted cost of my program (rolled-up from associated demands and projects)
      - Define planned benefit, return and ROI of my program
      - Define program tasks, milestones, risks, and issues

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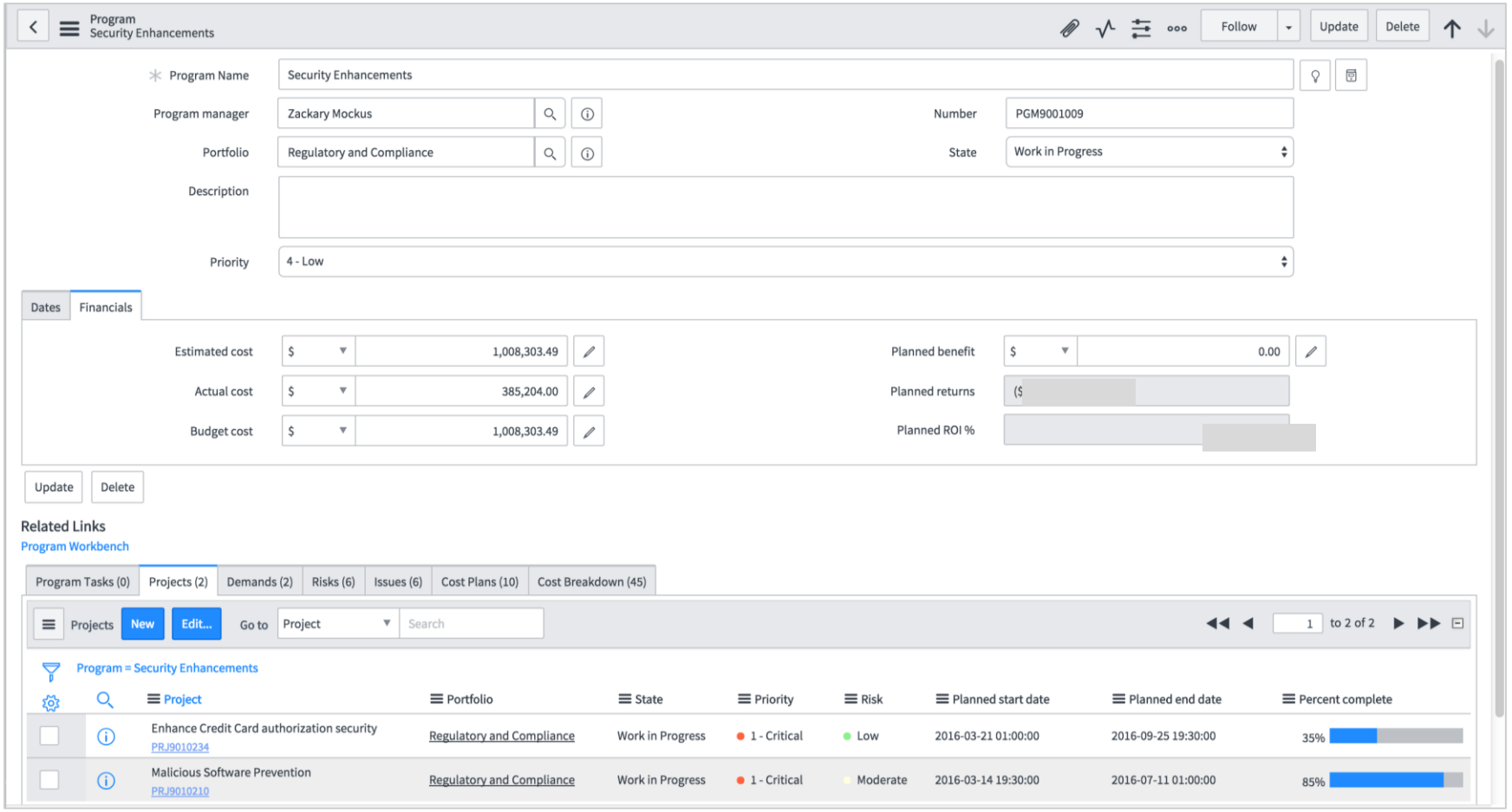
How Does This Feature Work? Use Cases

- As a Program Manager
  - Navigate to the program workbench to:
    - Track the schedule of my program and the associated projects
    - Track my program's health/status. I can view if overall actual expenditure on my program is more than the budgeted amount, if actual human resource hours spent is more than the allocated hours and also the risks and issues associated to projects/demands of my program.

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How Does This Feature Work? Use Cases

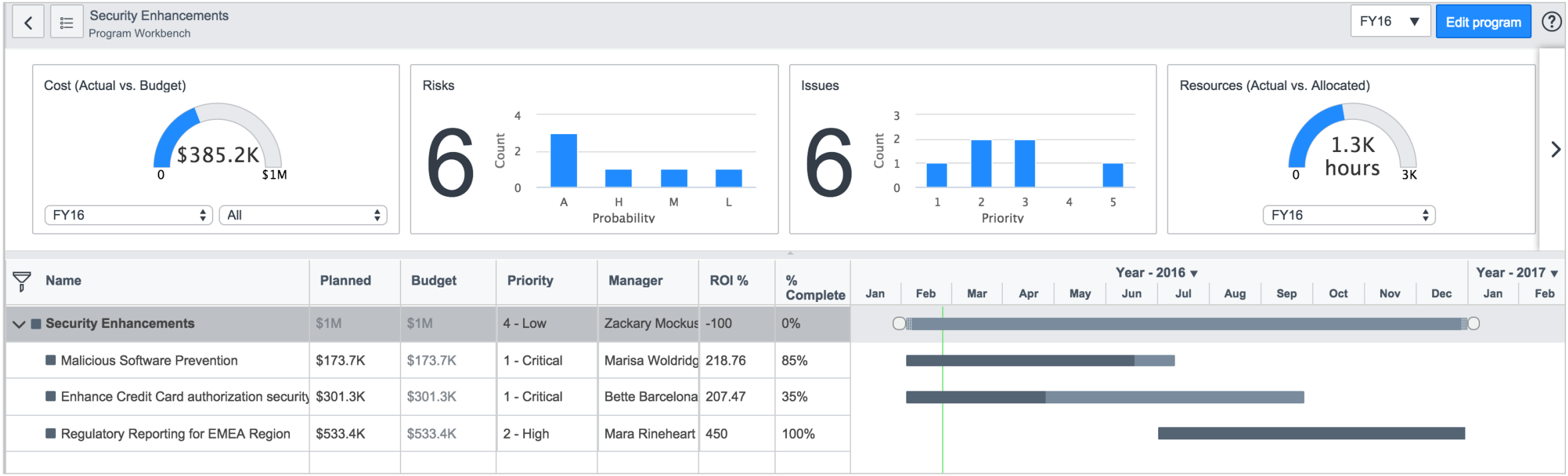
Defining a New Program



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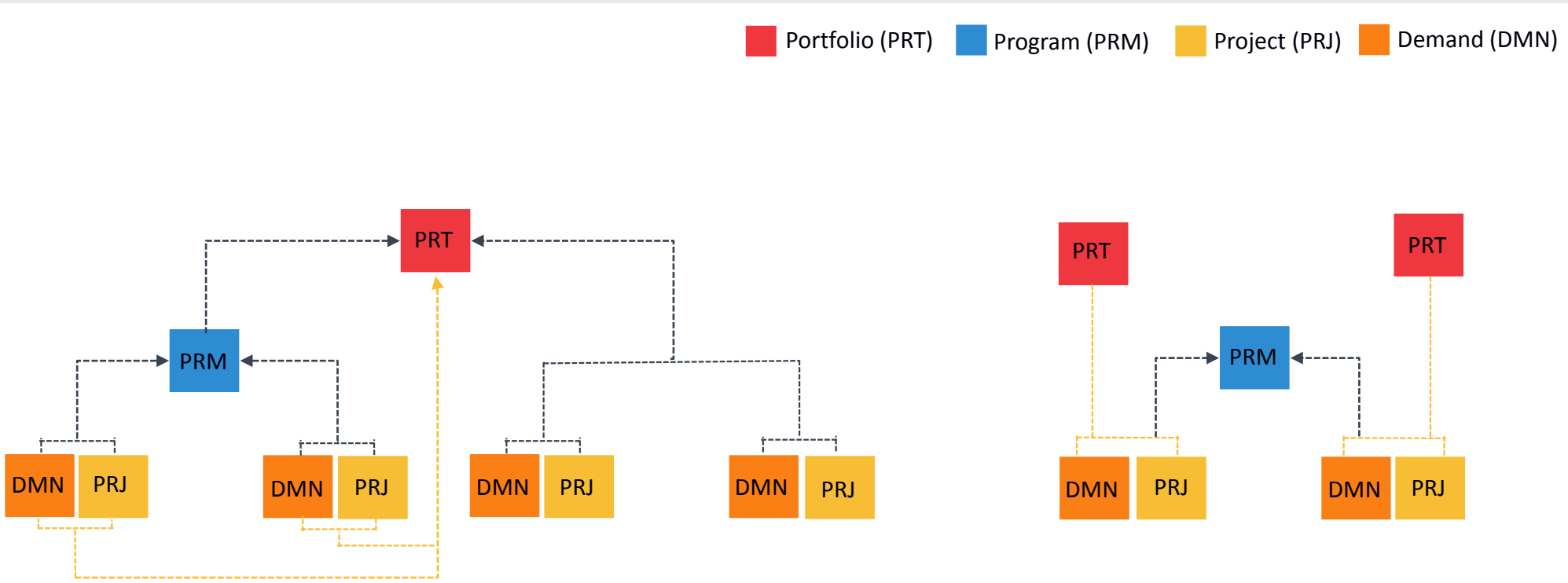
How Does This Feature Work? Use Cases

Program Workbench – Tracking Program Progress



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How Does This Feature Work? Data Model



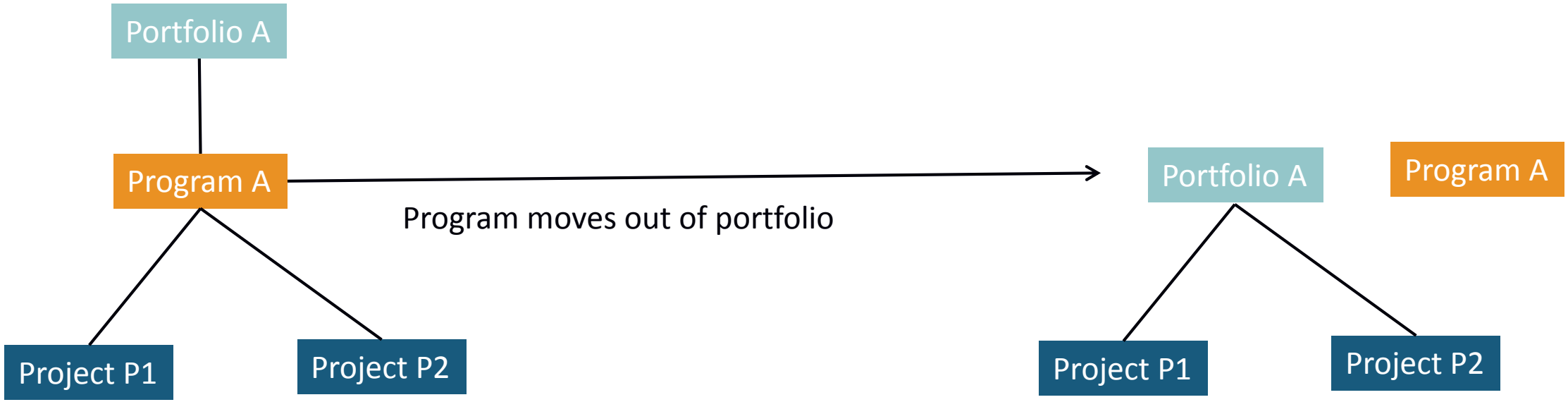
Projects and demands that are part of a program and the portfolio. The program is part of a portfolio.

Projects and demands that are not part of any program but directly belong to a portfolio.

A generic program that is not part of a portfolio and has projects and demands. These projects and demands can be part of different portfolios.

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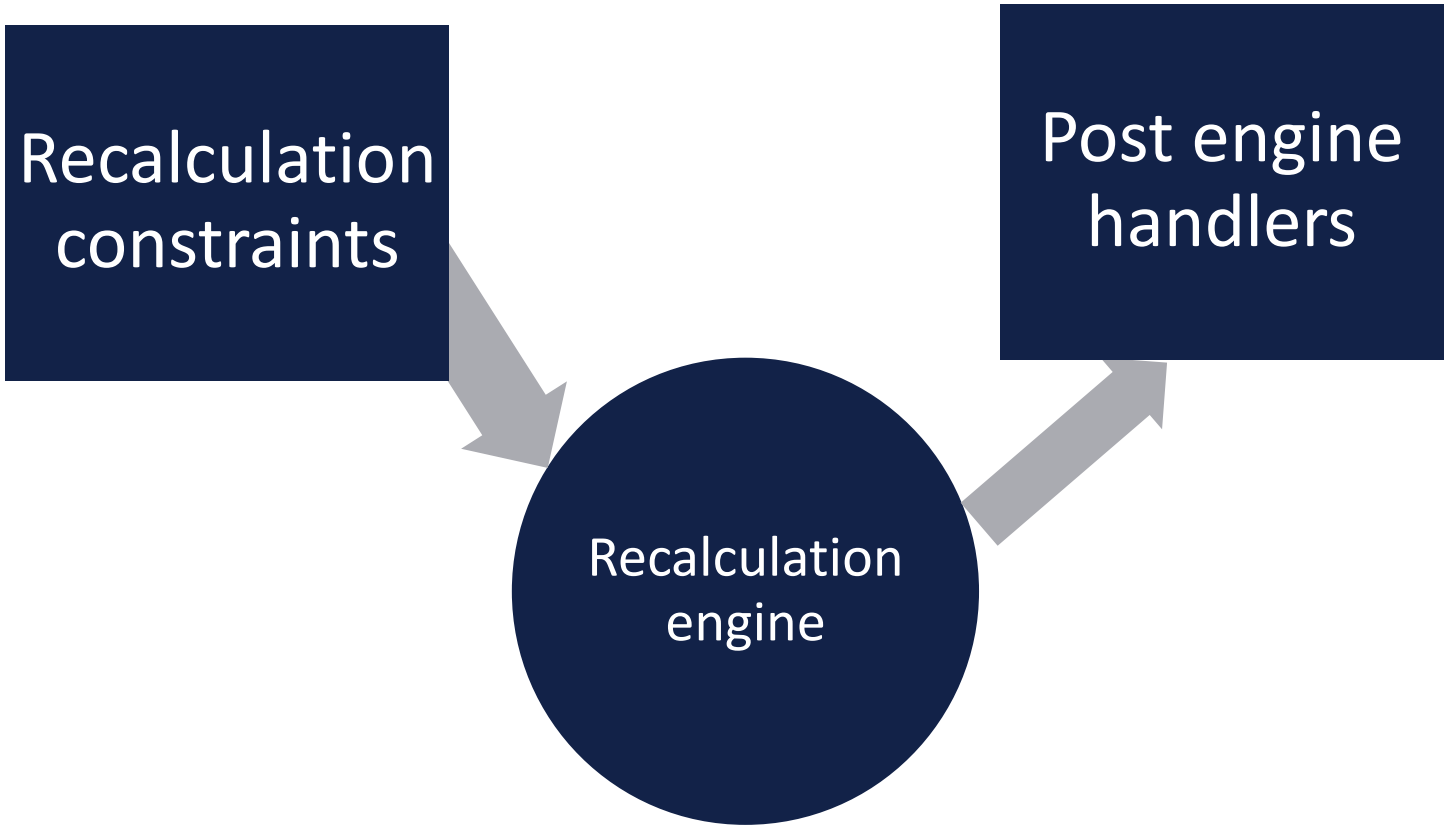
How Does This Feature Work? Troubleshooting



Projects under the portfolio still retain the portfolio, but the program will be blanked out

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How Does This Feature Work? Engine Changes



- Recalculation constraints
  - Project belonging to a program cannot start before the program start date
  - Program cannot start after any of the project/demand start dates
  - Program cannot end before any of the project/demand end dates
- Post engine handlers
  - Program end date gets extended by the project end date

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How Does This Feature Work? Engine Changes Troubleshooting

- I’m not able to set the Project start date to a certain date in the past
  - If a project is part of the program, you cannot set project start date to be before program start date
- I’m not able to set the Program start date to certain date in the future
  - If program contains projects/demands, it cannot start after the earliest start date of the projects/demands under it
- What’s going on with my Program dates?
  - Program planned end date always changes based on it’s children (demand/project/program task) end dates
  - Program planned end date will be the max end date of it’s children
  - Program actual start date will be the earliest actual start date of it’s children

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Top Takeaways

1. Understand the concept and role of Programs in the Project Portfolio Suite.

2. Understand Program level artifacts and how these are different from Project and Demand artifacts.

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Brian McQuillan

Senior Manager, Product Management

ServiceNow

Chris Kaeser

Senior Solution Consultant

ServiceNow

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