



Portfolio Alignment, Capabilities, Execution and Resources

The PACER solution provides a secure environment for the identification, development, selection, management and evaluation of Research & Development projects and investments. PACER's core was designed on Capabilities – based planning principals, leveraging and integrating enterprise data, and adhering to DoD acquisition guidance.

PACER has multiple components making up its overall architecture. The environment was developed on the Inquisient (formerly Enterprise Elements) COTS solution. Leveraging the architecture of the Inquisient solution, our partner architect firm, ValueMetrics, LLC, designed the environment to satisfy use cases derived from existing guidance, and driven by community needs. OGSystems developers and designers leveraged waterfall and rapid prototype development techniques to mature the solution in iterative component deployments.

PACER – The CORE

We work diligently to stay abreast of emerging guidance, as well as monitor updates to existing documentation and strategic direction. We maintain and update all community guidance within the core solution, breaking down and logically formatting the various components of each document. The Unifying Intelligence Strategies, National Intelligence Priority Framework, National Security Strategy, Intelligence Strategy, Defense Strategy, and other pertinent guidance are all integrated into the core of the PACER solution.

PACER – Organization / Domain Level Guidance Integration

Each Agency has mission specific guidance and direction against which operations are planned and executed. Our consultants work to identify pertinent guidance documents such as ICDs, strategic plans, community studies, congressional direction, etc. Once identified, our ValueMetrics architects analyze the components of these documents and design an incorporating schema that seamlessly integrates with the PACER CORE.

PACER – Capability Planning

PACER's capabilities-based planning component facilitates the logical deconstruction of National and Component specific guidance / tasking into functional capability statements. We do this by revealing the logical threads of guidance document elements and enabling the derivation of detailed capability needs required to satisfy needs, gaps, priorities, etc. PACER enables the quantification of capability statements via Measures of Effectiveness (MOE) and Measures of Performance (MOP), each having the ability to develop and / or identify optional scenarios and / or temporal attributes. PACER provides context for capability needs through these applications and enables R&D planners to develop targeted research roadmaps and development timelines.

PACER – Requirements Integration

PACER enables full integration and cross-reference capabilities for requirements. Our team works with your organization to determine your source(s) of requirements, and designs an integration with Core and Organizational level information to facilitate tighter integration and end-to-end traceability between requirements and end products.

PACER – Project Development

Leveraging the CORE, Organizational Guidance Integration, and Capability Planning activity, PACER facilitates the logical development of strategically aligned project proposals, specifically targeting identified and quantified capability needs. PACER also supports legal and compliance reviews encountered during project development.

PACER – Project Execution

Once a proposed project is accepted and formalized, it is moved into an execution portfolio for progress tracking and reporting. PACER supports the management of major milestones, budget planning and execution tracking, and threshold and objective measure progress tracking. PACER automates project management reviews, spend plan reviews, data call responses and a host of other project management activities, allowing PMs to spend more time on their project and less time responding to compliance and documentation requests.

PACER – Portfolio Development

PACER implements a unique perspective to portfolios, or “Facets.” While most organizations organize portfolios from a program office or specific domain perspective, we recognize that portfolios are dependent on your perspective. PACER supports the traditional grouping of projects as a portfolio, but also allows users to extract information from multiple disparate viewpoints. For example, a national level manager may want to view the portfolio of projects delivering solutions against one of his/her major priorities. PACER can show how much money is being spent, upcoming milestones, technology readiness forecasts, stakeholders and customers and a host of other information directly pertinent to his/her major priority.