

Fresh Face In IT Estimating Software

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We get a lot of use from our own tools, such as Quest For Better Estimates™. However, we also use commercially available products, to triangulate an estimate, and get other points of view. In coaching the formation of Project Management Offices we always recommend one of a handful of commercial products, in addition to our own tools.

But that's not the purpose of this article. What *is* the purpose of this article is to introduce you to a fresh face in IT Estimating Software. The product is PQM*Plus* version 3.0, developed by Union Pacific Technologies and inspired and marketed by our friends at Q/P Management Group, Inc. We reviewed a demo version.

The product has the features of today's most popular packages, but at a more reasonable price: At most it is \$3885 per user, rather than the \$25-30K site license we've seen. This makes this tool a candidate for your Project Management Office. And for those who need just some of the features, there are three different ways you can package it, for different audiences.

First Glances

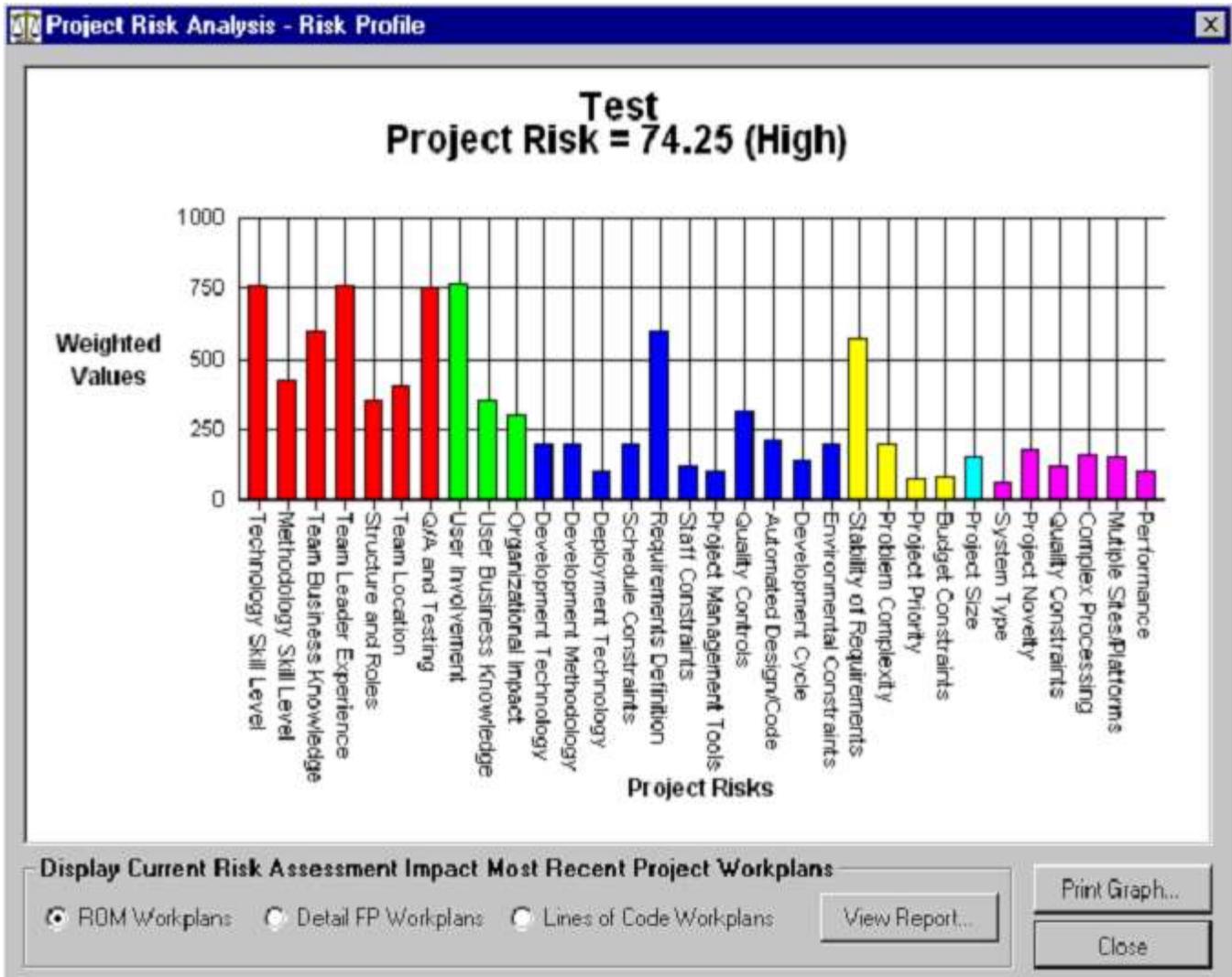
- Installation is straight-forward, given the company's clear email instructions.
- On startup, a Wizard takes control, walking you through the steps of customizing and project startup.
- Once customizing was complete, you can either use the Wizard or interact directly with the menus.
- Anyone with a background of estimating and measurement can quickly explore the tool's features.

Among the Things We Really Liked

- The Wizard remembers where you left off. Nice!
- The Wizard walks you through three different planning and record keeping stages for a project.
- Easy to start and set up a new project.
- Built-in Guidelines in ROM estimating that suggested Input/Output counts, based on Files count.

Functions

- Select Methodology from included ones, or add your own-maybe we should embed THE Guide!
- Provide a Rough Order of Magnitude estimate, using preliminary Function Points, with the cost per point driven by technologies used.
- Perform a Risk Assessment: it results in a Risk Factor, smart for bidding. It does a nice chart, too (see example, below). Note that in modeling a web-based project, we more than doubled the estimate with the Risk!
- Perform a Corporate Value Analysis with a graphical view, great for getting approvals.
- Perform serious Function Point Counting: We'd expect this, as Q/P are experts in this field.
- Project Defect Log: This gets into the quality tracking side of the tool
- Generate and "what if" a top-down project plan, using either the ROM or Detailed estimates.
- Export the project plan in either Microsoft Project or ABT Workbench.
- At project end, capture defects, quality survey results and project actuals for history.



On top of all this, PQMPlus provides a host of reporting and fine-tuning features.

What We Didn't Like As Much

- The Wizard has no clear frame of reference, so it is a little hard to see where you are in the process.
- Sometimes there is no feedback. For example, opening a file merely shows more menu options.
- In this beta version, technology choices did not always seem to affect the ROM estimate.
- We exported WBS Activities and effort estimates, but could not export Roles, duration or precedent relationships.

Summary

As mentioned earlier, we recommend that every shop should have at least one commercial estimating tool. PQMPlus should be on your evaluation list, especially if you are interested in quality measurement and metrics. That is one of the strengths of this product, and unique at this price point. And if you need help doing baseline Function Point counts, or just learning more about estimating, the folks at Q/P Management can help you there, too.

Reference: Q/P Management Website: www.QPMG.com

About the Author



STACY A. GOFF, the PM Performance Coach™, has coached and inspired tens of thousands of project and program managers, and hundreds of organizations, on five continents, for over forty years. A Project Management practitioner since 1970 and consultant since 1982, he has also been a strong contributor to professional organizations such as IPMA® and PMI® since 1983.

He is a co-founder and past-president of IPMA-USA, and 2011-2014 Vice President of Marketing & Events for IPMA, the International Project Management Association. In September, 2015, he was named an IPMA Honorary Fellow.

Goff's interest in project competence and performance began with establishing a PM Competency Center for a nuclear power plant in the early 1980s. It continued with international engagements during the 1980s and 90s as he helped organizations assess and improve their project and program performance. Today, he coaches, speaks and performs keynote speeches at major project-related events. And, he continues to pursue his interest in individual, project team, organization, and national and inter-

national PM performance.

Mr. Goff brings a results-oriented approach to Project Management coaching, consulting, and training. His insight for the needed PM Competences, and his delivery of effective training translate to improved project performance. In his working life, he combines his Project experience with sensitivity for the interpersonal skills areas—the human aspects of projects.

In his papers, presentations, workshops or in consulting, he combines his project experience with strategic linkage for all projects and programs. And his sensitivity for the human aspects of projects (leadership and interpersonal skills), together with his insights for strategic alignment, have provided competitive advantage for his clients for over 40 years. His business result: measurably increased **PM Performance**.

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