Gideon Taylor

GT eForms Integration with PeopleSoft 9.2

GT eForms transforms manual business processes and paper forms into powerful, PeopleSoft-based Fluid electronic forms and custom self-service applications, featuring configuration-based form design, auto-population, conditional logic, workflow, notifications, and more.

COMPANY OVERVIEW

Gideon Taylor and GT eForms redefine self-service and revolutionize how organizations automate custom processes within PeopleSoft. As a PeopleTools-based bolt-on, GT eForms provides a secure, flexible framework to transform any paper form or manual process into an efficient, easy-to-use, workflow-enabled electronic form, letting you create and deploy custom, self-service solutions configured to work the way you work in a fraction of the time of traditional development.

INTEGRATION OVERVIEW

GT eForms is a bolt-on extension for PeopleSoft applications. It consists of custom PeopleTools objects and code and installs into the target PeopleSoft database.

eForms are presented to users as PeopleSoft pages. Users can navigate to the forms from the GT eForms WorkCenter, Fluid Nav Collections, content references in the portal registry, or URLs. In addition to gathering data, eForms can collect electronic signatures; route themselves intelligently to approvers; allow users to take actions such as approve, deny, or recycle; and automatically enter their data into delivered PeopleSoft components.

INTEGRATION DETAILS

GT eForms delivers a Forms Engine, a Logic Engine, and a Workflow Engine that work together with delivered PeopleTools features to automate any PeopleSoft-based business process, from simple to very complex.

- The Forms Engine enables both configuration-based eForm creation and custom eForm segments built as subpages in App Designer. The Forms Engine provides a range of field and data types; column and grid segments; configurable field properties; advanced form searches; security at Form Type, Condition, Task, and row levels; valid-value lookups; related description displays; data prepopulation and dynamic value defaulting; dynamic field behavior; and field, segment, and form-level PeopleCode hooks.
- The Logic Engine allows functional users to construct complex logic statements using form data, PeopleSoft, or SQL query results—or PeopleCode methods nested to any level. The resulting logic statements, called Visual IFs, can control form field properties, page navigation, segment display, conditional workflow routing, action item display, and form condition-setting.
- The Workflow Engine extends the delivered Approval Framework with enhanced routing display, robust functionally; configurable user lists using set logic,

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Oracle Validated Integration provides customers with confidence that a partner's integration with an on-premise Oracle application is functionally sound and performs as designed. This can help customers reduce deployment risk, lower total cost of ownership, and improve the user experience related to the partner's integrated offering.

conditional routings driven by Visual IFs built in the Logic Engine, and an enhanced notification framework to generate emails and worklist items.

GT eForms uses PeopleSoft Integration Broker to manage transactions between eForms and PeopleSoft. The primary integration between the eForms layer and the delivered PeopleSoft components is over a web service. The integration also uses PeopleSoft Component Interfaces technology to update the delivered components, allowing all delivered business logic to run.

The system code is delivered primarily in object-oriented application classes. eForm behavior can be extended programmatically to enable automatic form actions, such as mass form generation and approvals.

AVAILABILITY

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SUPPORT

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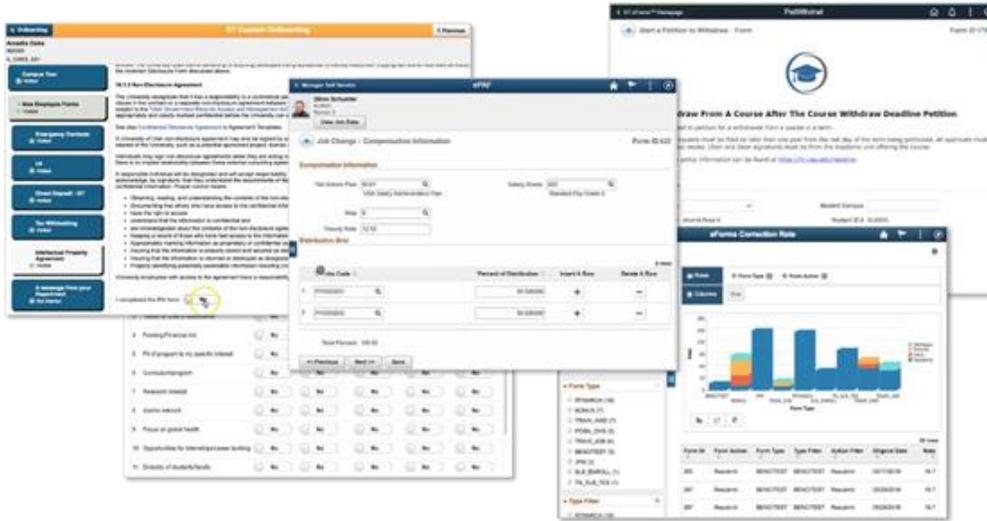Email: info@gideontaylor.com

Figure 1. Examples of Fluid GT eForm solutions

TECHNICAL DETAILS	
Partner Environment	**Oracle Environment**
• GT eForms™ 3	• Oracle's PeopleSoft 9.2 • Oracle's PeopleTools 8.58 • Oracle WebLogic Server 12c • Oracle Database 19c

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