

INNOTAS WEB SERVICES APPLICATION PROGRAMMING INTERFACE (API)

Very few enterprise applications exist in a vacuum. CRM spans sales, financial, and inventory systems. Help Desks need information about resources in the HR system and assets in the financial system. Project Portfolio Management (PPM) is no different. With projects and resources as the core data elements in PPM, it is often necessary to integrate PPM with other applications to fully automate and manage a business process.

With its Web Services API the Innotas on-demand PPM solution makes this vital integration easy compared to the weeks or months required to integrate installed PPM software solutions with other business applications.

A typical project lifecycle may span several applications:

- The initial project begins when an opportunity is created in the CRM system (Salesforce®, for example). Accounts and contacts are passed from the CRM system to Innotas to make sure the sales and delivery teams both have the most up to date customer information.
- To effectively staff the project, project managers need detailed data about the skills and roles of resources. This information can be pulled in from the HR system (such as Oracle® PeopleSoft) to save the organization from dual data entry and maintenance.
- Finally, once the project is in flight and project team members are actively logging time against the project, that information can be fed back to the financial system to manage chargebacks, billing and invoice aging, or general ledger entries.

"Because of its Web Services API, Innotas integrated with our other ERP solutions, including Salesforce, PeopleSoft HR and PeopleSoft Finance. This allows all of these solutions to pass information among each other, and gives us a single integrated flow of information across the company and a single source for all of our corporate data."

Tony Velleca
CIO
UST Global

The end result is a smooth process flow from start to finish that has a significant impact on your organization's productivity, competitive advantage and bottom line.

Innotas — Standard Web Services APIs

Web Services provide a compelling alternative to traditional integration approaches because they enable new applications to be connected to Innotas through a single, highly standardized API. Web Services-style integration over the Internet removes a great deal of the idiosyncratic nature of point-to-point integration that exists today, reducing cost, improving reliability and accelerating the ability to connect applications in a meaningful way.

Innotas — How the Web Services API Works

Entities — Entities in Innotas are the high level objects in the application. Web Services for these objects will abstract the complexity of the underlying data model into a single flat view to simplify integration code. Web Services are included for the following entities:

- Program
- Resource
- Account
- Task
- Request
- Project
- User
- Contact
- Timesheet
- Issue

Each entity is assigned an Entity ID that must be included as a parameter in each web service invocation.

Additional entities may be added in future releases based on customer demand.

Methods — Methods are the attributes or fields of an Entity. For example, the Account entity includes methods like Account Title, Account Owner, and Account Status among others. Methods allow the web services to access specific fields on an entity including any User Defined Fields (UDFs) created on the entity as part of the configuration of Innotas.

The following web service actions are available:

- createOrReplace: Insert or replace an entity
- deleteEntity: Delete an entity
- findEntity: Select one or more entities that match one or more criteria
- getEntityFields: Returns list of fields for an entity
- getListValues: Returns ID-value pairs of lookup and status lists in Innotas
- insertEntity: Create an entity
- login: creates a session for a user
- logout: closes a session for a user
- selectEntity: select an entity
- updateAnEntityByMethodId: Updates one attribute of an entity
- updateEntity: Update one or more attributes of an entity

Methods can vary from customer to customer based on configuration. The getEntityFields web service is provided to return the full list of methods and their corresponding IDs under an entity.

Security — Innotas leverages HTTPS for all web service invocations with username and password authentication required.

Innotas — Seamless Data Sharing

Quickly integrate the Innotas PPM solution with other key business applications, including CRM, ERP, and HR to seamlessly share project and application data with other systems. This integration gives you the ability to . . .

- Better manage priorities, resources, cost, and benefits.
- Synchronize account and contact data between sales and delivery teams through easy Salesforce® integration.
- Feed critical data, such as project team timesheets, to your financial systems.
- Enhance resource management by sharing resource attributes between the Innotas PPM solution and other HR applications such as Oracle PeopleSoft.
- Speed PPM adoption by easily importing projects from Microsoft® Project directly into Innotas and, if preferred, continue using Microsoft Project for the initial creation of project plans.
- Be confident that as Innotas creates new releases, its consistent API will continue to deliver seamless integration.

Innotas — Make Your Strategic Vision a Reality.

With the Innotas API, you can quickly and easily make PPM an integral part of your business processes, and achieve the system and data integration that is vital to maximizing the success of your organization.

**FOR ALL THE DETAILS ON PPM WITH A
WEB SERVICES API, CONTACT INNOTAS TODAY!**

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