



# THOMSON REUTERS PORTIA SEAMLESS INTEGRATION

AN OPEN, FLEXIBLE PLATFORM TO SUPPORT YOUR ENTERPRISE



THOMSON REUTERS™

**Built from the start to support interoperability. Thomson Reuters PORTIA's open architecture and integration capabilities facilitate flexible integration with other applications, data providers and counterparties. Robust, scalable technology that provides a range of capabilities to support your enterprise integration needs.**

Thomson Reuters PORTIA offers a range of integration technologies and capabilities to facilitate interoperability with all the systems in your enterprise – systems that must provide data to Thomson Reuters PORTIA, those that are dependent on Thomson Reuters PORTIA for mission critical data and those that support your daily operational workflows.

We understand that your integration needs vary depending on data types, frequency of updates, impact on operations and workflows and level of technical complexity. That's why Thomson Reuters PORTIA provides open access to data and business logic to allow you to choose what's best for your firm.

#### KEY BENEFITS

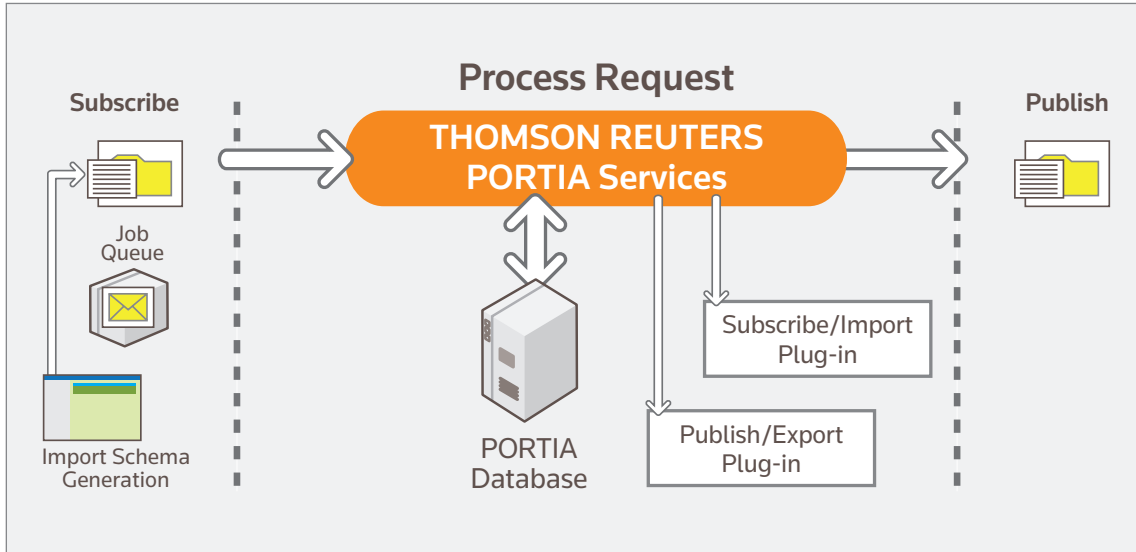
- Realize technical efficiencies with interface capabilities that support batch or real time frequencies, leveraging simple or feature rich technologies
- Access real-time technologies using message based event driven publish and subscribe calls
- Utilize the vast Thomson Reuters PORTIA analytics library outside of Thomson Reuters PORTIA via .NET and .COM APIs, ensuring consistent analytics across your enterprise
- Manage and monitor your overnight activities via Thomson Reuters PORTIA Services to schedule and manage system jobs
- Automate system and human workflows utilizing MSFT Windows Workflow Foundation to ensure minimal manual intervention
- Manage interface workflow through the Automated Interface Manager (AIM) to support complex business rules
- Access data through traditional import and export capabilities to get the data you need whenever you need it

#### API ACCESS FUNCTION AND CALCULATION LIBRARY

The Thomson Reuters PORTIA calculation API lets you execute internal Thomson Reuters PORTIA functions and calculations programmatically for use outside the system. Your developers or our professional services team can build interfaces that automate workflows by accessing existing Thomson Reuters PORTIA calculations using .NET or COM.

#### MESSAGE-BASED PUBLISH/SUBSCRIBE

Allow other systems in your environment to request Thomson Reuters PORTIA data and processing on a message-driven basis using a published XSD. The processing initiated from these services can include execution of business logic, not only from Thomson Reuters PORTIA, but also from your own applications and technologies.

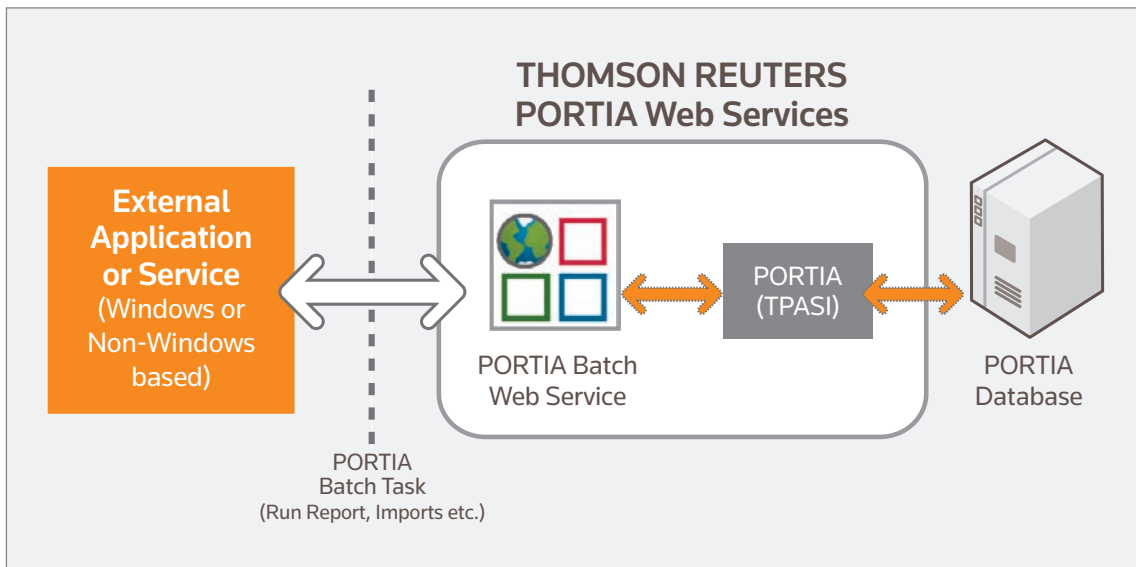


**WEB SERVICES**

Thomson Reuters PORTIA Web Services allow any application that follows well-defined web services standards and protocols to communicate with Thomson Reuters PORTIA. Use it to upload an import file, send an ad-hoc report request, or access the calculation API to retrieve data.

**THOMSON REUTERS PORTIA SERVICES**

Thomson Reuters PORTIA Services is an open, n-tier model that provides a set of server-side services to support the dynamic execution of Thomson Reuters PORTIA jobs. These services expose an open architecture for running ad-hoc and scheduled jobs that allow any application to create and execute Thomson Reuters PORTIA jobs. The jobs are defined in XML and submitted asynchronously for execution by Thomson Reuters PORTIA Services.



The screenshot displays the PORTIA Services Manager interface. At the top, a 'Job List' table shows various jobs with columns for id, job\_name, start\_date, end\_date, status, and message. Job 10, 'Run PORTIA Bar', is highlighted in orange. Below the table, the 'Job Details' section is visible, containing a 'Job Data source file location' field, a 'Save to Database' checkbox, and a 'Processing Options' section with a checked 'Use pre/post processing' option. The 'Available Batch Processors' dropdown is set to 'Thomson.PORTIA.Services.ProcessJob.M5CRMReport'. A 'Parameter Select' table shows a 'Task' parameter with a value of 'Run Report'. A tree view on the left shows 'JobData' with several 'Batch Task Parameter' items. Four callout boxes with lines pointing to the interface provide instructions: 'Choose jobs that the job service will execute' points to the job list; 'Include custom code for pre/post processing for a job' points to the 'Use pre/post processing' checkbox; 'Set job parameter values' points to the 'Parameter Value' field; and 'Configure job parameters' points to the 'JobData' tree view.

**AUTOMATED IMPORT MANAGER (AIM)**

Thomson Reuters PORTIA’s Automated Import Manager (AIM) facilitates the automation of data coming into Thomson Reuters PORTIA. It combines the simple process of importing data with complex business logic and extensive error identification via a highly scalable data processing engine. AIM’s business logic capabilities support your specific workflows to handle complex issues such as backdated trades, trades with subsequent activity or trades that have been cancelled or revised.

**IMPORT AND EXPORT**

Thomson Reuters PORTIA’s import module is a functionally rich capability that can map and import any data file into Thomson Reuters PORTIA. Thomson Reuters PORTIA’s robust report writer offers an output mode that allows you to extract any data out of Thomson Reuters PORTIA and prepares it for import into other systems.

**Reliable.Secure.Proven.PORTIA**

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