



JetTrac Connect - Loose and Tight Integration overview

JetTrac JobController is an incredibly powerful processing engine with a very open architecture. It is an integral part of the **JetTrac Connect** platform. Over the past 25 years we have designed **JetTrac JobController** to allow our customers and partners to integrate their systems with **JetTrac JobController** in different ways. The purpose of this document is to give a high level overview of the two primary ways that different systems can be integrated.

Loose Integration:

Our definition of loose integration is that a custom program using an API/SDK is not needed for one system to “connect” with another system. Typically, an example of loose integration is that one system can write a file (XML, CSV, PDF, Text) to a location that can be then processed by another system. Primarily this is writing a file to a network file share however FTP, email or a sync and share program could be used to send or retrieve files. **JetTrac** can be used to watch for such files and then process a transaction. This is called a “watched folder” architecture which allows a very loose coupling between systems. This leverages **JetTrac Connect** to implement a very flexible and cost efficient solution for building more automated and connected business solutions.

Tight Integration:

Our definition of tight integration is that a custom program is developed using an API/SDK that directly “connects” **JetTrac JobController** with another system. An example would be our **JetTrac** QuickBooksConnect module. This module was developed using the Intuit API to directly “inject” invoice data into QuickBooks to create an invoice as part of a production **JetTrac** job.

Another tight integration example could be with a workflow/content management system like OnBase, M-Files or FileBound. The example could be that data is collected out in the field in a PDF forms package. Then the requirement is that in one of the steps of a production **JetTrac** job a custom module would be called that would directly “inject” an XML file and a PDF file to kick off a workflow.

Contact Matt Sliwa at matthew.sliwa@protechinc.com or Dan Roth at dan.roth@protechinc.com if you would like more information on integration.

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