



# AUTOMATE AND GOVERN DATA PREPARATION ROUTINES

Altair Monarch Server Automator provides a comprehensive, enterprise-wide data preparation solution that extends on the work completed using Monarch's desktop solutions. Data models created with Monarch are stored and shared on a centrally managed server. Data preparation tasks are fully automated with prepared datasets automatically delivered to users and systems.

## Why Monarch Server Automator

Monarch Server Automator is a central part of any managed analytics platform or self-service data preparation and data discovery. With Monarch Server you can fully leverage and extend your data analytics and data preparation processes and deliver the right information in the right format at the right time. Monarch Server Automator's data transformation workflows automate data acquisition, transformation, and delivery. A comprehensive framework enabling features such as alerting, distribution, and multi-input processing that do not require any coding or scripting reduces operational costs and increases the scale of data transformation processes. Centralization of resources and logic provides a single, consistent, secure 'source of truth' for data and subsequent decisions.

## Features

**Automated Data Access and Integration** - Monarch Server Automator serves as a powerful data preparation and integration tool capable of accessing flat files, traditional relational databases, web inputs, and even multi-structured data sources. Once these are processed, the transfer and integration of data from one application to another is easily performed via exports to CSV for example, as well as many other popular formats. Exporting to OLEDB / ODBC data sources is also supported. With that, Monarch Server Automator simplifies data integration between disparate systems and eliminates information silos across the enterprise.

**Scripting and API Functionality** - Monarch Server Automator provides command line abilities to enable users an adhoc way to invoke processes without requiring access to the UI. A rich API permits users to create powerful scripts or leverage third party tools to invoke, monitor or customize process activities as part of larger, more complex solution requirements

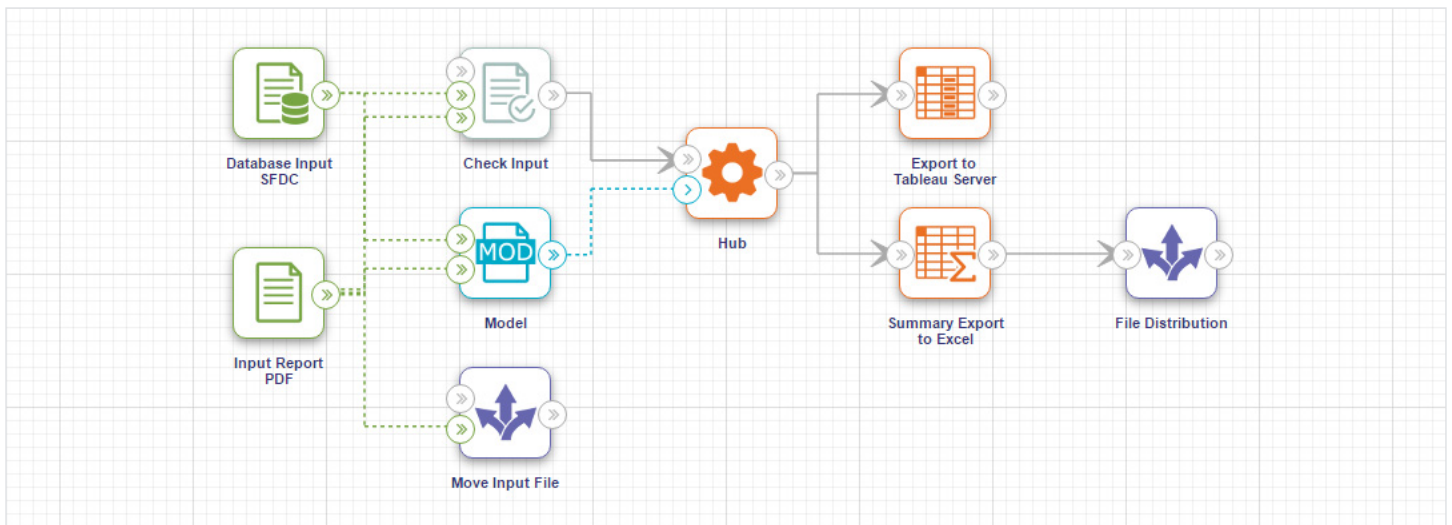
**Accessibility & Security** - As a browser-based application, Monarch Server Automator provides a more accessible interface for its day to day operations. User based access restricts users at the group, role or individual level to product functionality as well as content access (e.g. models, workspaces, processes). A single instance of Monarch Server Automator can provision the needs of many disparate users or business entities within a larger organization.

Altair® Monarch® is the fastest and easiest way to extract data from difficult, semi-structured data like PDFs, spreadsheets, and text files, as well as from Big Data and other structured sources. Monarch cleans, transforms, blends, and enriches data with an easy-to-use interface free of coding and scripting. For 30 years Monarch has helped customers worldwide save time and money by enabling people with different skill sets to transform data in seconds, rather than hours or even days, and completely automating repeatable processes.



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**Automated Data Export and Distribution** - Monarch Server Automator exports to delimited and fixed length formats, PDF, Excel, Access, dBase, web files, OLE DB and ODBC destinations, and even to file formats of visualization tools such as Altair Panopticon, IBM Cognos Analytics, Tableau and Qlik.

Monarch Server Automator provides numerous Excel output options such as exporting Excel pivot tables, bursting Excel summary data views-with subtotals and grand totals saved as Excel formulas, and more. Email and SharePoint distribution, RSS publication and export to FTP sites and network folders is also supported.

The delivery of corporate reports and other export formats may be scheduled (e.g. hourly, daily, weekly or monthly at a specified time), or performed on an event-driven basis, such as the arrival of input files on a shared network folder to trigger the execution of a process. A manifest can be leveraged to override aspects of a process definition at execution, allowing for customization of a process execution at runtime, dynamically.

**Rationalize Monarch Desktop Deployments** - Desktop users can be relieved of their Monarch Classic / Data Prep Studio installations by allowing for the rationalization of Monarch Desktop deployments and replacing existing desktop based batch files / scripting. Desktop users can still retain local control by making use of command line, API or placing files in network folders to initiate processing accordingly.

**Scalable, Distributable Architecture** - Monarch Server Automator allows for a multi-server deployment, enabling failover, process engine pooling and active/passive recovery models as part of its deployment capabilities. The Classic engine can leverage SQL Server engines to facilitate much larger working datasets as well as performance gains as a result of the more powerful SQL Server engines.



**Deliver the right information in the right format at the right time.**