SOFTWARE REQUIREMENTS

SERVER SOFTWARE

- .NET framework 4.8
- Windows Server 2016 (IIS 10.0), Windows Server 2019 (IIS 10.0), Windows Server 2022 (IIS 10.0).
  NOTE: Core versions of these operating systems are NOT supported.
- SQL Server 2016/2017/2019/2022 (if the Automator database is present on the local machine)

SYSTEM SOFTWARE COMPONENTS

- .NET framework 4.8
- Microsoft Access 2013 Runtime
- If the Automator database is not present on the local machine:
  - Microsoft SQL Command Line Utilities 15 for SQL Server
  - Microsoft ODBC Driver 17 for SQL Server
- SQL 2017 Local DB

CLIENT SOFTWARE

- One of the following browsers: Mozilla Firefox, Google Chrome, Microsoft Edge (Chromium)

FEATURES AND FUNCTIONS

AUTOMATED DELIVERY OF INFORMATION

- Convert data sources to target files by scheduled or event-driven execution via monitored folders
- E-mail PDF, ISAM, and Open XML Spreadsheets
- Distribute input and export files via file system and SharePoint
- Export data to various data types
- Distribute files via log, email, move, copy, delete, RSS, email by key, and export to Amazon S3 actions
- Create logs and alerts resulting from operations
- Create pre-processes and post-processes using VB.NET Scripting
- Schedule the administration of job logs and database entries

INTUITIVE BUILDING OF WORKFLOWS

- Easily create processes with the Visual Process Designer tool that supports the setting up of sophisticated scenarios
- Visualize data acquisition, conversion, and distribution through graphic elements and connectors arranged by threads
- Quickly assemble process components with the drag-and-drop interface
- Create and use templates for multiple use in other projects
- Apply scripts to processes
- Assign process access rights to various users, roles, and user groups
- Burster – a functionality that allows complex files to be split into smaller files based on defined properties
- Control permissions (Rights) on objects (folders, scripts, and all objects in the Server Library)
- Restore previous versions of all objects in the Server Library
- Use manifest in XML and JSON formats and generate manifest files from processes

SEAMLESS SERVER INTEGRATION

- Use data sources from and export files to HTTP and FTP sites, Microsoft Power BI, Microsoft Azure, Amazon S3, Oracle Cloud Infrastructure, Google Cloud Storage, and Microsoft Azure Storage.

DATA CONNECTIVITY

ACCESS DATA FROM THE FOLLOWING SOURCES

- Text and Spreadsheet
  - Delimited text
  - SAS Transport Format V5
  - Monarch Table Extractor
  - Excel Worksheet Design
  - PDF/Text Report
  - Monarch Complete files
  - Microsoft Excel
- Web
  - Odata
  - HTML
  - JSON
  - XML
- Database
  - DB2
  - Informix
  - Microsoft Access
  - MySQL
  - ODBC
  - OLEDB
  - Oracle
  - PostgreSQL
  - SQL Azure
  - SQL Server
  - Sybase IQ
  - Teradata
- Application
  - Active Directory
  - Monarch Report Warehouse
  - Amazon S3
  - Azure Blob Storage
  - Azure Data Lake Storage Gen2
  - Business Objects
  - HubSpot
  - ServiceNow
  - Google Analytics
  - Google Cloud Storage
  - NetSuite
  - Oracle Cloud Infrastructure
  - Salesforce
  - Splunk
  - SharePoint
- Big Data
  - Amazon EMR Hive
  - Amazon Redshift
  - Cloudera CDH Hive
  - Cloudera Impala
  - Hadoop Hive
  - Hortonworks Hive
  - IBM Cloudant
  - MapR Hive
  - MongoDB
  - SparkSQL

DATA EXPORT AND DISTRIBUTION

GENERAL EXPORT OPTIONS

- Knowledge Studio
- CSV
- Fixed text
- Altair Panopticon
- Microsoft Excel
- Microsoft Access
- OLE DB and ODBC
- Qlik
- Tableau Hyper
- IBM Cognos Analytics
- Microsoft Power BI
- SAS Transport Format
- SAS V8 Transport Format
- JSON

EXPORT FILE TYPES

- Adobe PDF (*.pdf)
- Altair Panopticon Data Source (*.dwx)
- dBase (*.dbf)
- Delimited Text, Fixed Text
- Microsoft Access (*.accdb, *.mdb)
- Microsoft Excel (*.xls, *.xlsm, *.xlsx)
- QlikView (*.qvx)
- SAS Transport Format (*.xpt)
- SAS V8 Transport Format (*.v8xpt)
- Tableau Data (*.csv, *.hyper)
- Web file (*.htm, *.html)
- XML file (*.xml)

SALES INFORMATION

For additional information about Monarch Server Automator, please visit [Contact Altair](#).