

## 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 (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
- Web
  - Odata
  - HTML
- Database
  - DB2
  - Informix
  - Microsoft Access
  - MySQL
  - ODBC
  - OLEDB
- Application
  - Active Directory
  - Monarch Report Warehouse
  - Amazon S3
  - Azure Blob Storage
  - Azure Data Lake Storage Gen2
  - Business Objects
  - HubSpot
  - ServiceNow
- Big Data
  - Amazon EMR Hive
  - Amazon Redshift
  - Cloudera CDH Hive
  - Cloudera Impala
  - Hadoop Hive
- PDF/Text Report
- Monarch Complete files
- Microsoft Excel
- JSON
- XML
- Oracle
- PostgreSQL
- SQL Azure
- SQL Server
- Sybase IQ
- Teradata
- Google Analytics
- Google Cloud Storage
- NetSuite
- Oracle Cloud Infrastructure
- Salesforce
- Splunk
- SharePoint
- 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
- IBM Cognos Analytics
- Microsoft Power BI
- SAS Transport File Format V5
- 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 File Format V5 (\*.xpt)
- Tableau Data (\*.csv, \*.tde)
- Web file (\*.htm, \*.html)
- XML file (\*.xml)

## SALES INFORMATION

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