

## 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 2019 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 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](#).