

SOFTWARE REQUIREMENTS

SERVER SOFTWARE

- .NET framework 4.7.2 32/64-bit
- Windows Server 2016 (IIS 10.0 v1709), Windows Server 2019 (IIS 10.0 v1809)
- SQL Server 2016/2017/2019 (if the Automator database is present on the local machine)

SYSTEM SOFTWARE COMPONENTS

- .NET framework 4.7.2
- Microsoft Database Access Engine 2010 SP2
- If the Automator database is not present on the local machine:
 - Microsoft SQL Command Line Utilities 11 for SQL Server
 - Microsoft ODBC Driver 11 for SQL Server
- SQL 2017 Local DB

CLIENT SOFTWARE

- One of the following browsers: Internet Explorer 11, Mozilla Firefox (v78.x+), Google Chrome (v84.x+), Microsoft Edge (Chromium Engine, v85.x+)

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 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 Altair Knowledge Hub and Microsoft Power BI

DATA CONNECTIVITY

ACCESS DATA FROM THE FOLLOWING SOURCES

- Text
 - Delimited text
 - SAS Transport
 - XML/JSON
 - Monarch Table Extractor
- Web
 - Odata
- Database
 - MS Access
 - MS Excel
 - Monarch Server – Content
 - Amazon Redshift
 - Cloudera Impala
 - DB2
 - Hadoop Hive
 - MySQL
 - Oracle
 - Google Analytics
- Altair Knowledge Hub
- Latest in Monarch Server 2020.0
 - MS Active Directory
 - Cloudera CDH
 - Cassandra
 - Google BigQuery
 - JIRA
 - HTML
 - PDF/Text Report
 - Monarch Complete files
 - PostgreSQL
 - Salesforce
 - IBM Cloudant
 - MS SQL Server
 - Sybase IQ
 - Splunk
 - MongoDB
 - Informix
 - OLEDB
 - ODBC
 - Google Drive
 - Google Sheets
 - Apache Spark SQL
 - Box
 - Zendesk

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 Format
- Knowledge Hub
- 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)
- Tableau Data (*.csv, *.tde)
- Web file (*.htm, *.html)
- XML file (*.xml)

SALES INFORMATION

For additional information about Monarch Server Automation Edition, contact sales@datawatch.com.