

## SOFTWARE REQUIREMENTS

### OPERATING SYSTEMS AND SYSTEM SOFTWARE COMPONENTS

- Windows Server 2012 R2 64 bit, Windows Server 2016
- CentOS 7.3 (for Linux installations)
- Google Chrome, Internet Explorer 11, Microsoft Edge, Mozilla Firefox

## FEATURES AND FUNCTIONS

### A BROWSER-BASED PLATFORM OFFERING TEAM-DRIVEN DATA PREPARATION AND A CENTRALIZED DATA MARKETPLACE TO SPEED COLLABORATION AND DRIVE GOVERNANCE ACROSS THE ENTERPRISE

- Quickly and easily extract information from both relational and multi-structured data sources (e.g., XML/JSON, HTML, delimited text, PRN) and all major databases into orderly rows and columns
- Open workspaces saved directly from Data Prep Studio to the Monarch Swarm library, a local environment, or shared by other users for subsequent data preparation and analysis
- Perform report trapping, a signature Monarch Classic feature, to extract specific data from report files
- View workspace and table information, including all input data sources, data preparation operations applied, published tables, exports, and schedules, prior to working with these objects
- Perform various data preparation operations to clean and prepare data for further analytics
- Create users and add them to groups with access permissions to secure and protect shared and curated resources
- Connect users and allow them to follow the activities of peers over several environments by adding comments to workspaces
- Prepare exports and schedule their execution to leverage prepared data for several tasks with native support for several popular visualization and advanced analytics tools
- Socialize data use by sharing and liking objects, subscribing to them and other users, and following users; popular items are rated and recommended to others based on social interactions and usage patterns. Common data source actions are suggested via the application's built-in machine learning capability.

## AUTOMATION

### AUTOMATE EXPORT AND DISTRIBUTION PROCESSES

- Automate data extraction and export operations by scheduling processes to run at predetermined times and frequencies. Integration with Datawatch Automator also available.
- Extend Data Prep Studio's capabilities with Monarch Swarm to bridge the gap between the ease-of-use and agility business users demand and the scalability, automation, and governance needed by IT.

## DATA CONNECTIVITY

### ACCESS DATA VIA THE FOLLOWING CONNECTIONS

- Text
  - Delimited Text
  - XML/JSON
  - HTML
  - Monarch Files
- Database
  - Salesforce
  - Google Analytics
  - MS Access
  - MS Excel
  - MySQL
  - Monarch Server – Content
  - PostgreSQL
  - Splunk
  - Google Adwords
  - JDBC
  - Oracle
  - SQL Server
  - Netsuite
  - Custom
- Big Data Sources
  - Amazon Redshift
  - Hadoop Hive
  - MongoDB
  - IBM Cloudant
- Web
  - Odata

Connections to many other database types can be created through a simple interface.

## DATA EXPORT AND DISTRIBUTION

### GENERAL EXPORT OPTIONS

- Microsoft Excel, Access
- Delimited- and fixed-text formats
- External connections, Amazon S3

### VISUALIZATION TOOLS

- Tableau Server
- IBM Watson Analytics
- IBM Cognos Analytics

### OTHER EXPORT OPTIONS

- SQL Server
- Oracle
- PostgreSQL
- Amazon S3

## SALES INFORMATION

For more information regarding Monarch Swarm and Data Prep Studio, contact Datawatch Sales at [sales@datawatch.com](mailto:sales@datawatch.com).