



# Stimulsoft Tutorial

11.2

February 2026

## DOCUMENT ACCESS

Public

## DISCLAIMER

The contents of this document are under copyright of Critical Manufacturing S.A. It is released on condition that it shall not be copied in whole, in part or otherwise reproduced (whether by photographic, or any other method) and the contents therefore shall not be divulged to any person other than that of the addressee (save to other authorized offices of his organization having need to know such contents, for the purpose for which disclosure is made) without prior written consent of submitting company.

# Stimulsoft Tutorial

*Estimated time to read: 5 minutes*

This tutorial explains how to customize or create simple reports using Stimulsoft. If you require more advanced configurations, see [Create Stimulsoft Reports](#).

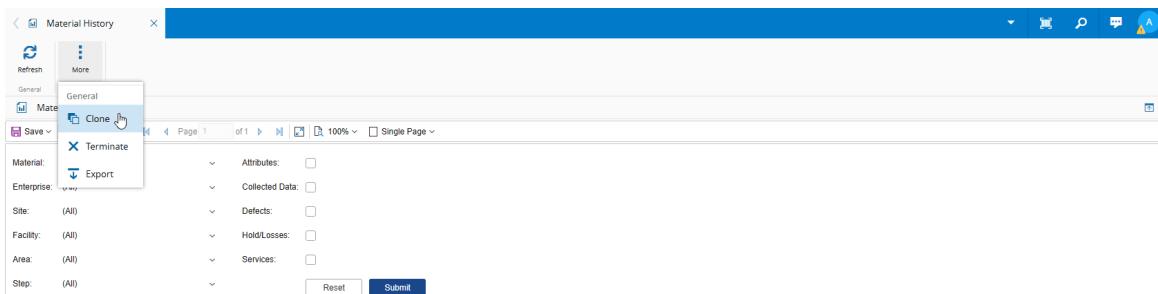
The Stimulsoft reports are available under the **Business Intelligence** menu and are marked with the *New Design* tag, as shown below.



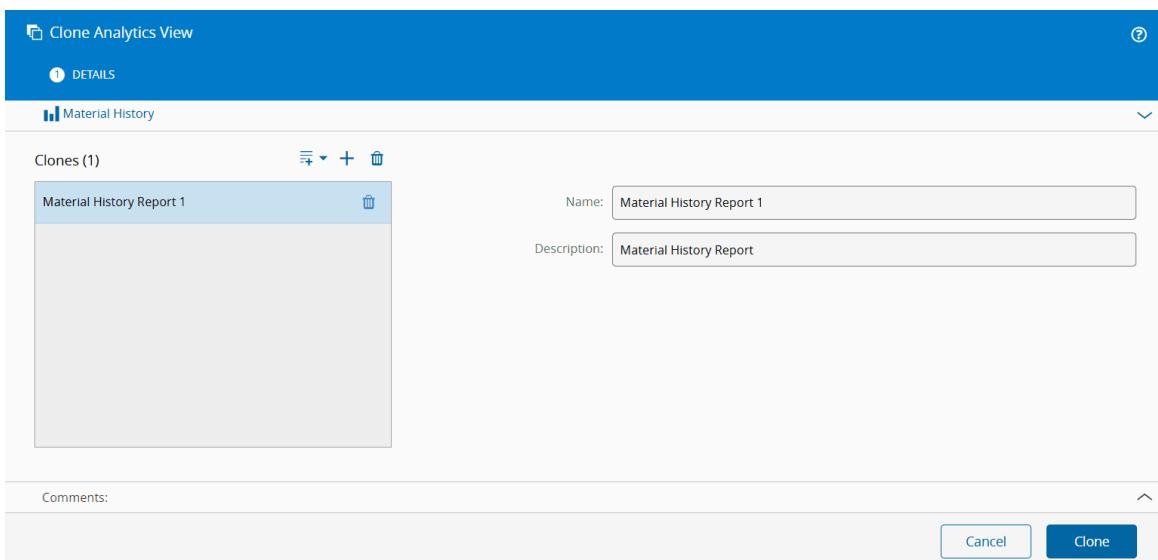
In this tutorial, we will use the **Material History** report as example.

## Cloning a Report

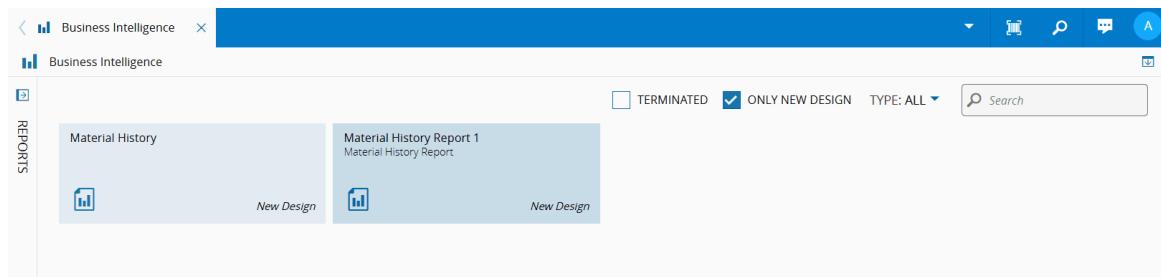
Before making any changes, open the original report and select **Clone** from the **More** button on the top ribbon to create a duplicate.



Provide a name and a description for the cloned report.



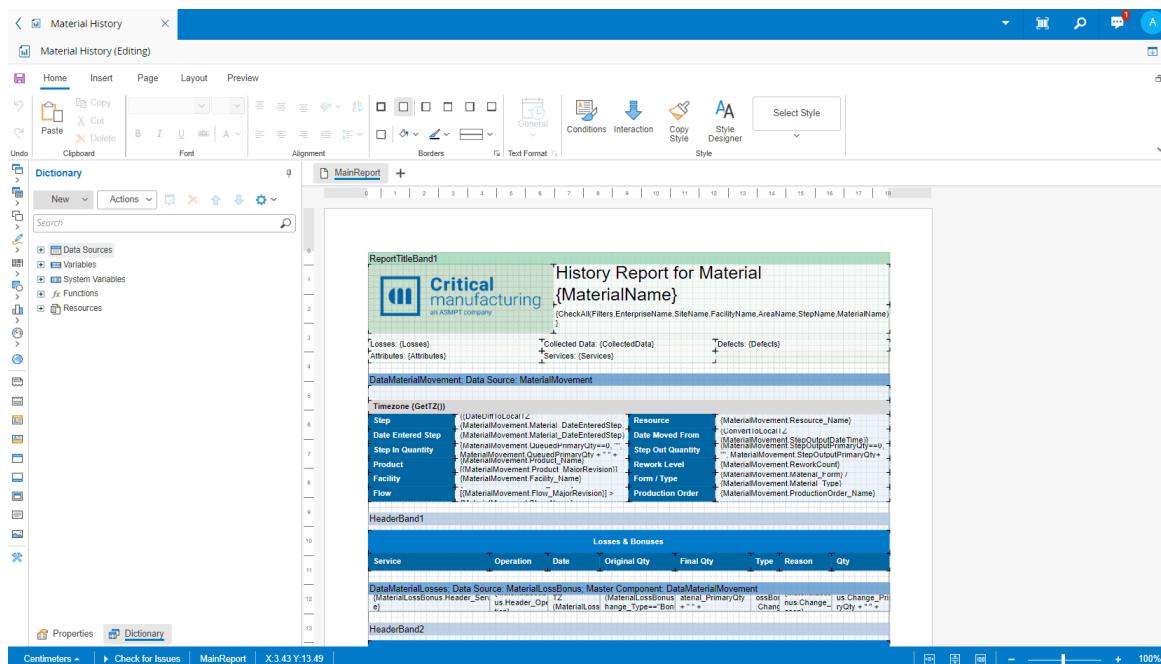
Navigate to the **Business Intelligence** menu and apply the **Only New Design** filter. From the filtered list, select the cloned report that was just created.



Expand the panel using the  icon and choose the **Edit Layout** button on the top ribbon.



The report will open in the **Stimulsoft Designer** , a third-party editor with a wide range of customization options.



### Info

Due to technical limitations, it's not possible to access the Data Source object directly in the designer and the expression needs to be written manually (for example, `{AppliesToValue.Name}`).

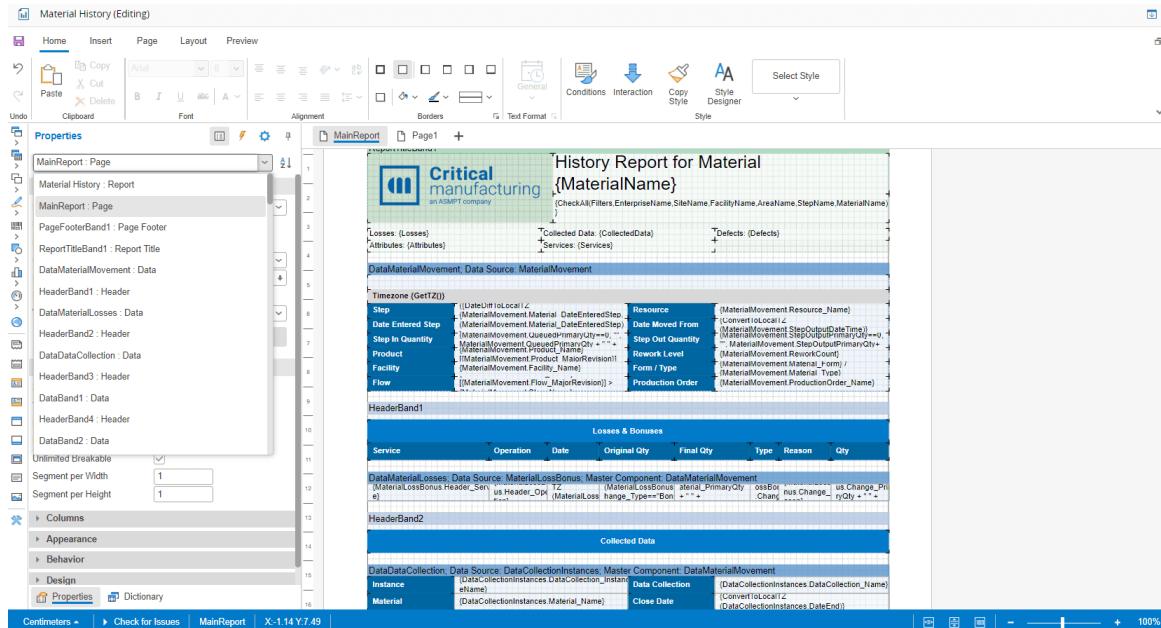
### Warning

Do not forget to save the changes before exiting the layout editor.

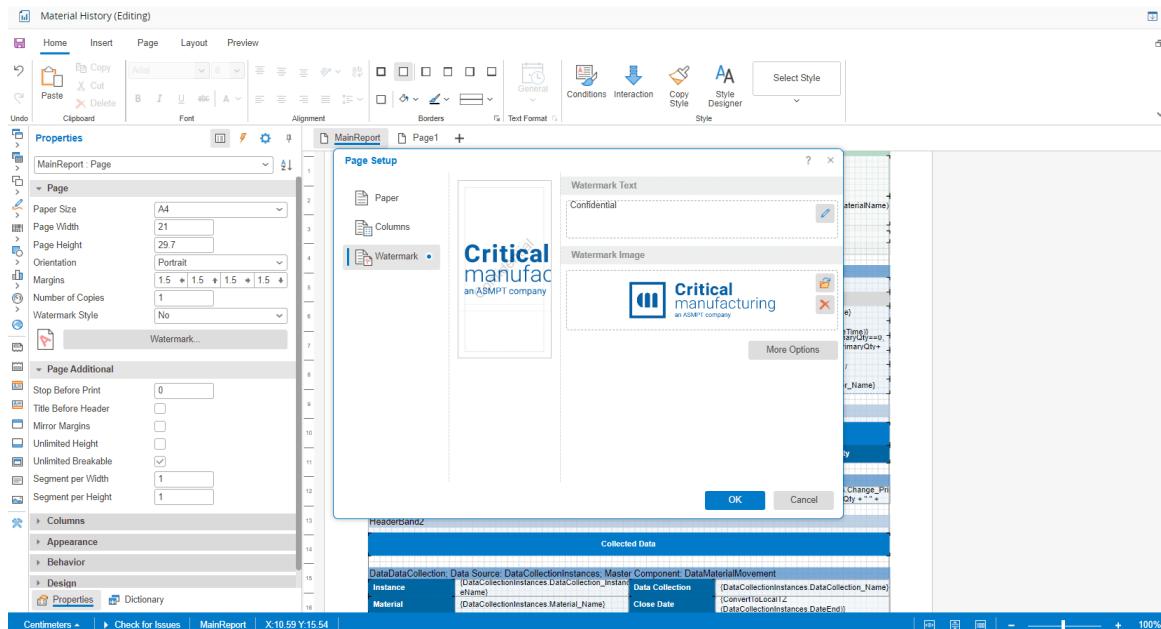
To prevent caching issues on the editor, it is strongly recommended to use a single session and to edit one report at a time.

## Editing Report and Page Properties

The editor allows you to edit the properties of any layout element, including the page object and the Report. To access the editor, locate the **Properties** tab at the bottom of the left panel. From there you may select the different page elements in the main dropdown of the panel.



Depending on the object selected above, the customization options may vary. For example, if you select the Page object, you may set a different Paper Size, Page Width, Page Height, and more. You may also define a Watermark Style by uploading an image or text as displayed below.

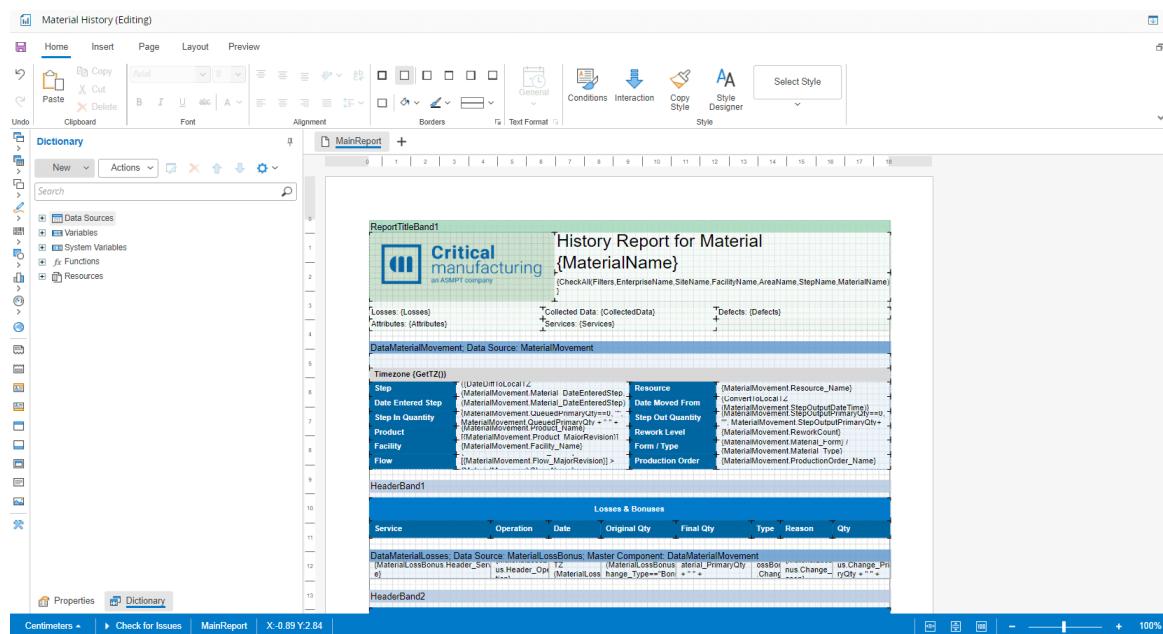


## Layout Design

### Context

All values of the Material History Context Items plus the system data items, are available on the **Dictionary** tab of the layout designer, which is located next to the **Properties** tab, at the bottom of the left panel.

There, you can access the Data Sources, Variables, System Variables, Functions, and Resources.



### Info

By default, user information displayed in reports is anonymized. To show the real user identities, you must enable the `CmfDataSet.IdentityAccess` security feature (for more information, see [Features](#)) and activate the User Identifier flag when creating a [Data Set](#) or an [IoT Event Definition](#).

You can manipulate the Material History report items within the **Dictionary** tab. For example, if you expand the **Data Sources** category, you will access all the information that could be displayed in the report. You may add or remove items or even change the position of the data in the report. For each data source, if you right-click on top of an element you will have several options, including accessing the **Properties** of the same item. Similarly, you may do the same for **Variables** and **System Variables**.

## Dictionary

New ▼ Actions ▼      

Search 

- Data Sources
  - DataManager-DWH [OData]
    - DataCollectionInstances
      - MMtoDCI
        - DataCollection\_ExecutionMode
        - DataCollection\_InstanceName
        - DataCollection\_Name
        - DateEnd
        - Material\_DateEnteredStep
        - Material\_Name
        - Resource\_Name
      - DataCollectionReadings
      - MaterialAttributes
      - MaterialServices
      - MaterialLossBonus
      - MaterialMovement
      - Filters
        - Area\_Name
        - Enterprise\_Name
        - Facility\_Name
        - Material\_Name
        - Site\_Name
        - Step\_Name
    - Variables
    - System Variables
    - Functions
  - Properties  

## Variables

## Dictionary

New ▼ Actions ▼      

Search 

-  Data Sources
-  Variables
  -  MaterialName [Material:]
  -  EnterpriseName [Enterprise:]
  -  EnterpriseArray
  -  SiteName [Site:]
  -  SiteArray
  -  FacilityName [Facility:]
  -  FacilityArray
  -  AreaName [Area:]
  -  AreaArray
  -  StepName [Step:]
  -  StepArray
  -  Losses [Losses: ]
  -  CollectedData [Collected Data: ]
  -  Defects [Defects: ]
  -  Attributes [Attributes: ]
  -  Services [Services: ]
-  System Variables
-  Functions
-  Resources

 Properties  Dictionary

## System Variables

Dictionary

New Actions Search

- ⊕ Data Sources
- ⊕ Variables
- ⊖ System Variables
  - ⊕ Column
  - ⊕ Line
  - ⊕ LineThrough
  - ⊕ LineABC
  - ⊕ LineRoman
  - ⊕ GroupLine
  - ⊕ PageNumber
  - ⊕ PageNumberThrough
  - ⊕ PageNofM
  - ⊕ PageNofMThrough
  - ⊕ TotalPageCount
  - ⊕ TotalPageCountThrough
  - ⊕ IsFirstPage
  - ⊕ IsFirstPageThrough
  - ⊕ IsLastPage
  - ⊕ IsLastPageThrough
  - ⊕ PageCopyNumber
  - ⊕ ReportAlias
  - ⊕ ReportAuthor
  - ⊕ ReportChanged
  - ⊕ ReportCreated
  - ⊕ ReportDescription
  - ⊕ ReportName

Properties Dictionary

## Functions

Dictionary

New Actions Search 

- + Data Sources
- + Variables
- + System Variables
- fx Functions
  - + Math
  - + DateTime
  - + Drawing
  - + Data
  - + Programming
  - + Strings
  - + Totals
  - + MyFunctions
- + Resources

 Properties  Dictionary

Resources

Dictionary

New Actions Search 

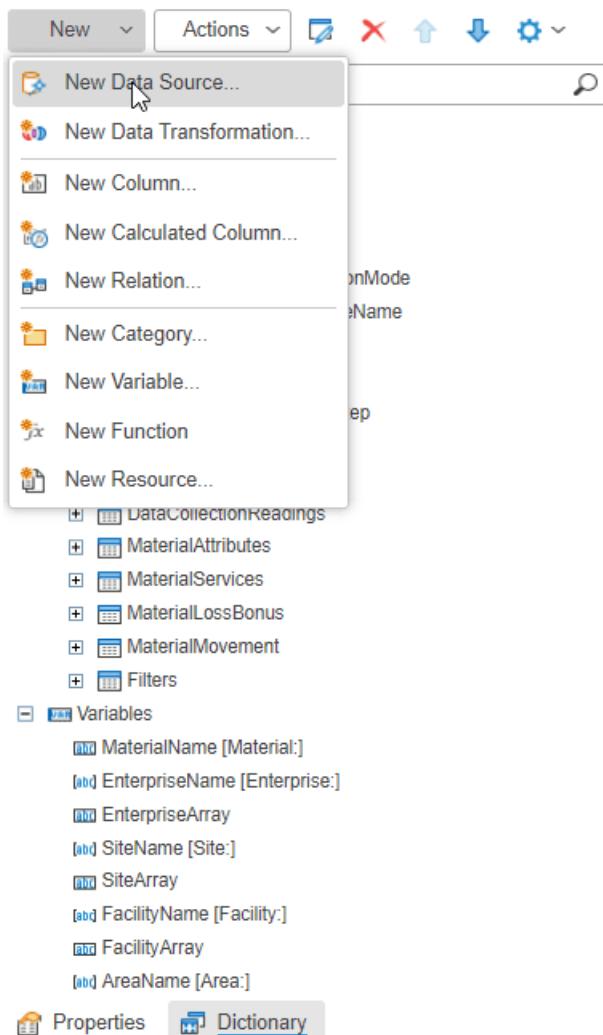
- + Data Sources
- + Variables
- + System Variables
- + fx Functions
- Resources  OpenSans-Regular

 Properties  Dictionary

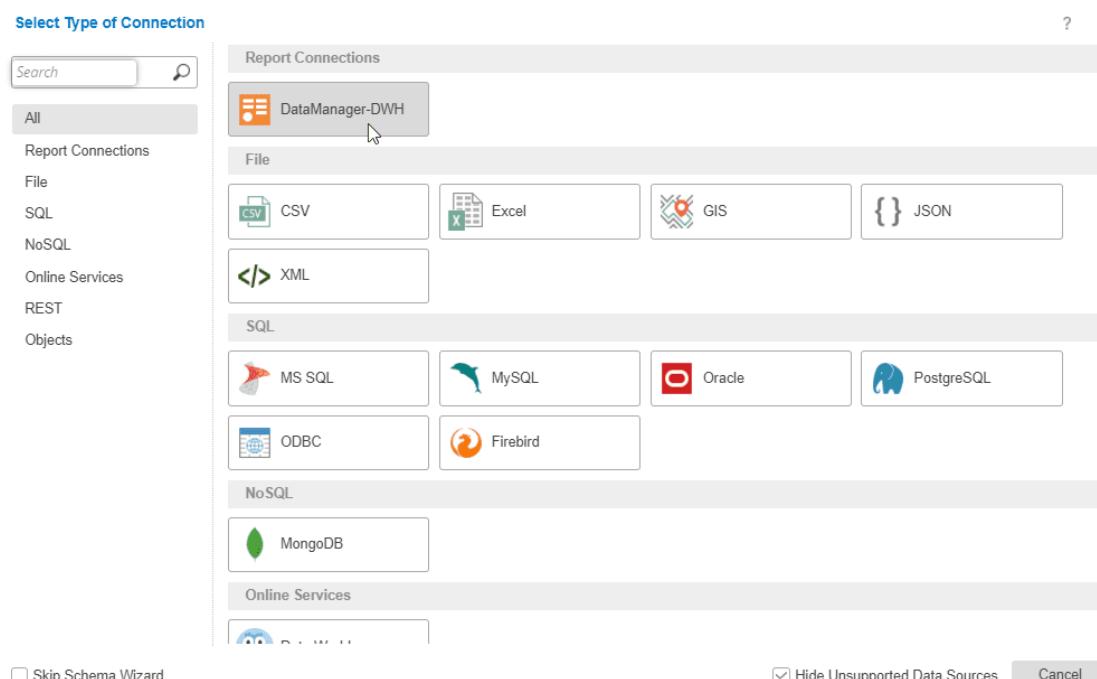
## Data

You can tailor the data displayed in the report to meet your specific needs, simply:

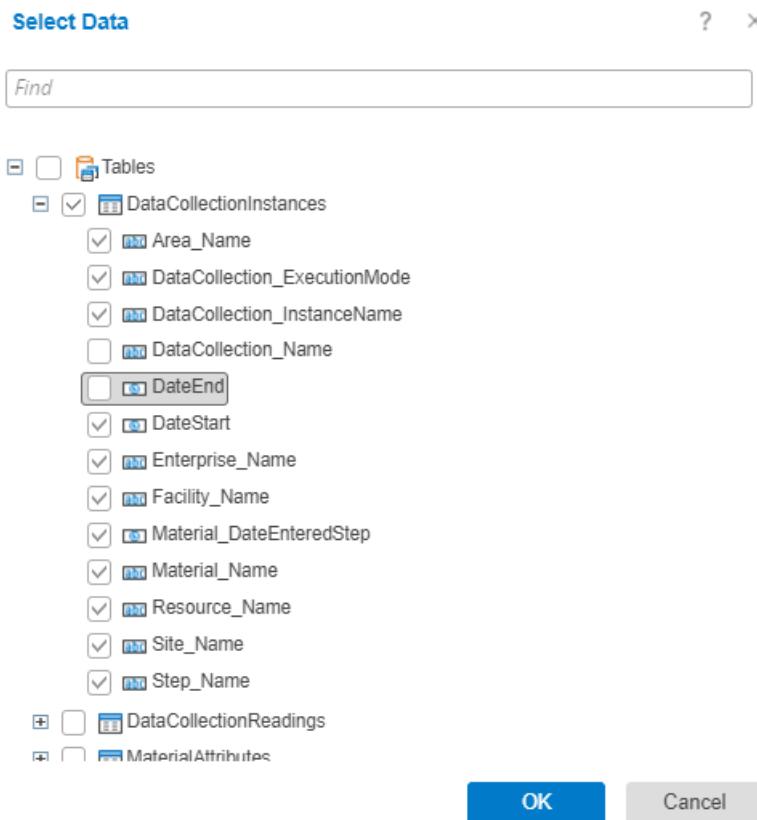
1. Navigate to the **Dictionary** tab in the left panel and select **New Data Source** from the **New** dropdown.

**Dictionary**

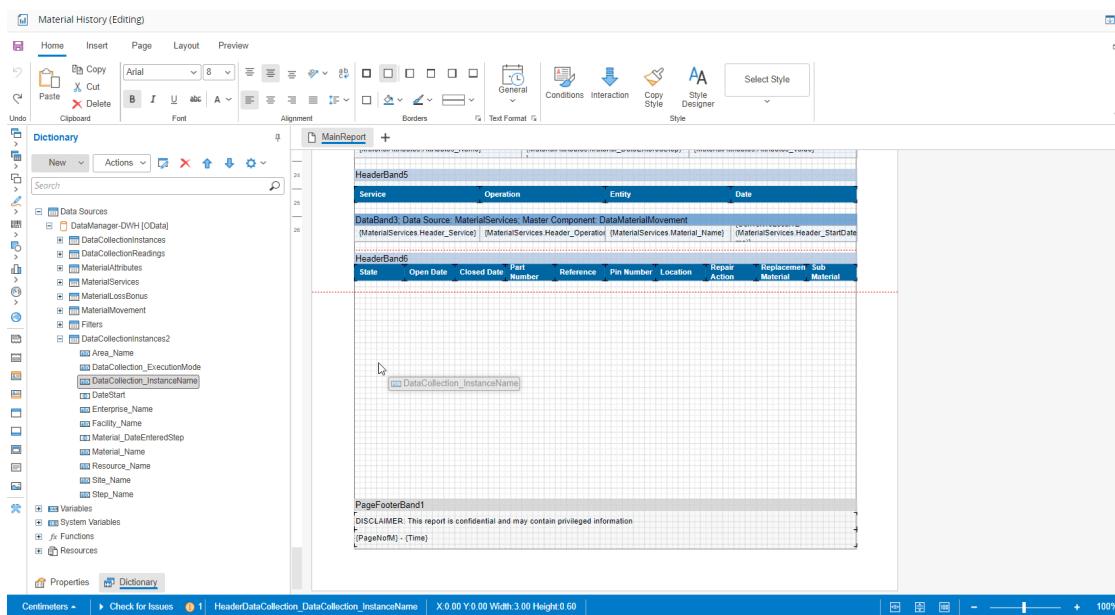
2. In the **Report Connections** section, choose `DataManager-DWH`.



3. Select the data you wish to include in the report.



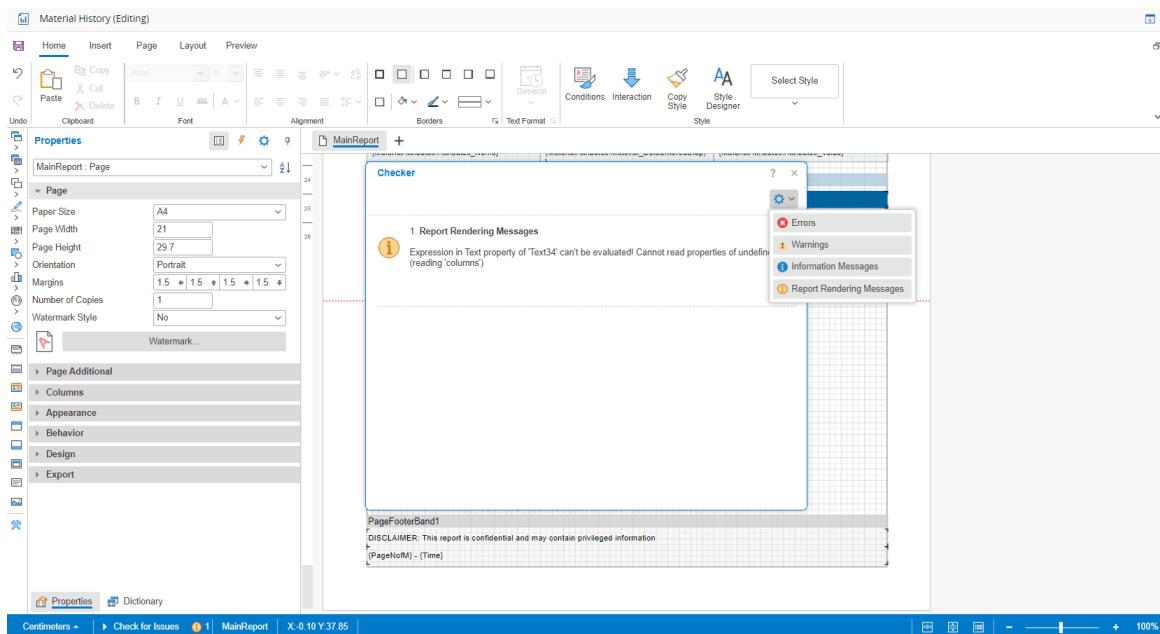
4. Drag and drop the desired data into the report layout to use it.



Additionally, you can add new **Variables**, **Functions**, and **Resources**. For more information, see [Data Dictionary](#).

## Validation

To validate your report, select the **Check for Issues** button, which is located below the **Dictionary** tab. This feature identifies and displays errors, warnings, informational messages, or report rendering messages that may require your attention.



### Info

This guide does not cover every aspect of the Stimulsoft software. For more detailed information, we highly recommend exploring the resources available on the [Stimulsoft website](http://www.stimulsoft.com), namely the links below:

- Documentation - <http://www.stimulsoft.com/Documentation.aspx>
- Articles - <http://www.stimulsoft.com/Article.aspx>
- Videos - <http://www.stimulsoft.com/Videos.aspx>



# Legal Information

## **Disclaimer**

The information contained in this document represents the current view of Critical Manufacturing on the issues discussed as of the date of publication. Because Critical Manufacturing must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Critical Manufacturing, and Critical Manufacturing cannot guarantee the accuracy of any information presented after the date of publication. This document is for informational purposes only.

Critical Manufacturing makes no warranties, express, implied or statutory, as to the information herein contained.

## **Confidentiality Notice**

All materials and information included herein are being provided by Critical Manufacturing to its Customer solely for Customer internal use for its business purposes. Critical Manufacturing retains all rights, titles, interests in and copyrights to the materials and information herein. The materials and information contained herein constitute confidential information of Critical Manufacturing and the Customer must not disclose or transfer by any means any of these materials or information, whether total or partial, to any third party without the prior explicit consent by Critical Manufacturing.

## **Copyright Information**

All title and copyrights in and to the Software (including but not limited to any source code, binaries, designs, specifications, models, documents, layouts, images, photographs, animations, video, audio, music, text incorporated into the Software), the accompanying printed materials, and any copies of the Software, and any trademarks or service marks of Critical Manufacturing are owned by Critical Manufacturing unless explicitly stated otherwise. All title and intellectual property rights in and to the content that may be accessed through use of the Software is the property of the respective content owner and is protected by applicable copyright or other intellectual property laws and treaties.

## **Trademark Information**

Critical Manufacturing is a registered trademark of Critical Manufacturing.

All other trademarks are property of their respective owners.