



FactoryTalk Batch View HMI Controls Quick Start Guide

FactoryTalk Batch View 2.01

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Important User Information

Read this document and the documents listed in the additional resources section about installation, configuration, and operation of this equipment before you install, configure, operate, or maintain this product. Users are required to familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.

Activities including installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice.

If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

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Throughout this manual, when necessary, we use notes to make you aware of safety considerations.



WARNING: Identifies information about practices or circumstances that can cause an explosion in a hazardous environment, which may lead to personal injury or death, property damage, or economic loss.



ATTENTION: Identifies information about practices or circumstances that can lead to personal injury or death, property damage, or economic loss. Attentions help you identify a hazard, avoid a hazard, and recognize the consequence.

IMPORTANT Identifies information that is critical for successful application and understanding of the product.

Labels may also be on or inside the equipment to provide specific precautions.



SHOCK HAZARD: Labels may be on or inside the equipment, for example, a drive or motor, to alert people that dangerous voltage may be present.



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ARC FLASH HAZARD: Labels may be on or inside the equipment, for example, a motor control center, to alert people to potential Arc Flash. Arc Flash will cause severe injury or death. Wear proper Personal Protective Equipment (PPE). Follow ALL Regulatory requirements for safe work practices and for Personal Protective Equipment (PPE).

Rockwell Automation recognizes that some of the terms that are currently used in our industry and in this publication are not in alignment with the movement toward inclusive language in technology. We are proactively collaborating with industry peers to find alternatives to such terms and making changes to our products and content. Please excuse the use of such terms in our content while we implement these changes.

Preface	About this manual..... 5
	Legal Notices 5
	Additional resources 6
	Chapter 1
FactoryTalk Batch View HMI Controls	System requirements..... 9
	Properties, methods, and events 11
	Diagnostic bar overview 11
	Chapter 2
Configure the control property settings	Configure the control properties using the Property Page 13
	Configure the control properties using the Property Panel 14
	Configure the control to use VBA 15
	Chapter 3
Languages	Generate language locales on the FactoryTalk Batch View Server.....18
	Run the localize tool with command-line options18
	Run the localize tool with a GUI 19
	Chapter 4
Learn about FactoryTalk Batch View HMI controls	BatchesList control21
	PromptsList control.....21
	SFC control..... 22
	Full control..... 22

About this manual

This manual provides information about how to get started with the FactoryTalk Batch HMI controls. It is one of a set of related manuals that describe installing, programming, and operating the FactoryTalk Batch system.

To review FactoryTalk Batch release notes and latest information regarding product compatibility refer to the [Product Compatibility and Download Center \(PCDC\)](#).

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You can view the Rockwell Automation End User License Agreement (EULA) by opening the license.rtf file located in your product's install folder.

The default location of this file is:

C:\Program Files (x86)\Common Files\Rockwell\license.rtf

Open Source Software Licenses

The software included in this product contains copyrighted software that is licensed under one or more open-source licenses.

You can view a full list of all open-source software used in this product and their corresponding licenses by opening the oss_license.txt file located your product's OPENSOURCE folder on your hard drive. This file is divided into these sections:

- **Components**
Includes the name of the open-source component, its version number, and the type of license.
- **Copyright Text**
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You may obtain Corresponding Source code for open-source packages included in this product from their respective project web site(s).

Alternatively, you may obtain complete Corresponding Source code by contacting Rockwell Automation via the **Contact** form on the Rockwell Automation website: <http://www.rockwellautomation.com/global/about-us/contact/contact.page>. Please include "Open Source" as part of the request text.

Additional resources

Following is a comprehensive list of documentation for the FactoryTalk® Batch products from Rockwell Automation.

Installation, Quick Start, and Getting Results Guides

Resource	Description
FactoryTalk Batch Components Installation and Upgrade Guide (BATCH-IN002)	Provides information and procedures for FactoryTalk Batch system installation. Includes information for FactoryTalk Batch Material Manager, FactoryTalk Event Archiver, and associated FactoryTalk Batch Client and Server components.
FactoryTalk Batch View Quick Start Guide (FTBVS-QS001)	Provides information about using FactoryTalk Batch View to create, view, and command control recipes, acknowledge prompts and signatures, view equipment phases and diagnostic information, and view profile information.
FactoryTalk Batch View HMI Controls Quick Start Guide (BATCH-QS001D)	Provides a general overview of FactoryTalk Batch View HMI Controls.
FactoryTalk Batch eProcedure® Getting Results Guide (BWEPRO-GR011)	Explains the basics of FactoryTalk Batch eProcedure.
FactoryTalk Batch Getting Results Guide (BATCH-GR011)	Introduces the basics of automated batch manufacturing and the FactoryTalk Batch product components.
FactoryTalk Batch Material Manager Getting Results Guide (BWMTR-GR011)	Introduces the basics of FactoryTalk Batch Material Manager.

User Guides

Resource	Description
FactoryTalk Batch Material Editor User Guide (BWMTR-UM001)	Provides access to information and procedural instructions required to configure materials and the containers to hold them. The material data is stored in the material database, which is used to create material-based recipes. This information is intended as a reference for formulators.
FactoryTalk Batch Equipment Editor User Guide (BATCH-UM004)	Provides information on creating and maintaining an equipment database (area model). The area model is available to all other FactoryTalk Batch programs, including the Recipe Editor, Batch View, and Phase Simulator.

Resource	Description
FactoryTalk Batch PhaseManager™ User Guide (BATCHX-UM011)	Describes the integration of the FactoryTalk Batch software with the Studio 5000 Logix Designer® application and the Logix 5000™ family of controllers. The integration simplifies the configuration and maintenance of the FactoryTalk Batch automation system, provides better communication between the FactoryTalk Batch Server and the Logix 5000 controller, and significantly reduces the programming effort required to develop the phase logic code that resides in your Logix 5000 controller.
FactoryTalk Batch Recipe Editor User Guide (BATCH-UM006)	Provides instructions on using FactoryTalk Batch Recipe Editor to create and configure master recipes for use in batch automation. The interface is based on IEC 61131-3 sequential function charts to organize recipes graphically into procedures, unit procedures, operations, and phases. Build recipes using either the SFC format or a table-based format.
FactoryTalk Batch View HMI Controls User Manual (FTBVS-UM003)	Provides details about using FactoryTalk Batch View HMI Controls to monitor and interact with the production process within a FactoryTalk View SE Display Client.
FactoryTalk Batch View User Manual (FTBVS-UM002)	Provides information and procedural instructions for using FactoryTalk Batch View in a modern and intuitive portal into a comprehensive batching solution for effective operations, leveraging its own web server using HTML5 technology to provide connectivity into a FactoryTalk Batch Server.
FactoryTalk Event Archiver User Guide (BATCH-UM012)	Provides information and instructions specific to the FactoryTalk Event Archiver. Intended for use by system administrators and production supervisors.

Administrator Guides

Resource	Description
FactoryTalk Batch Administrator Guide (BATCH-UM003)	Provides instructions for configuring security and services, and implementation and use of components not typically accessed or used by batch operators, such as the FactoryTalk Batch Server.
FactoryTalk Batch eProcedure Administrator Guide (BWEPRO-UM011)	Provides procedures specific to FactoryTalk Batch eProcedure, such as implementing security and configuring the user-defined area Active Server Page. Included are instructions for tasks specific to FactoryTalk Batch, such as configuring security and services to support FactoryTalk Batch eProcedure. Provides instructions on the implementation and use of components not typically accessed or used by batch operators, such as the FactoryTalk Batch Server.
FactoryTalk Batch Material Manager Administrator Guide (BWEPRO-UM011)	Provides information and instructions specific to FactoryTalk Batch Material Manager. Intended for use by system administrators and database administrators.

Reference Guides

Resource	Description
FactoryTalk Batch Material Server API Technical Reference (BWMTR-RM001)	Provides access to information regarding the interface between the FactoryTalk Batch Material Server and the FactoryTalk Batch Material Editor and FactoryTalk Batch. It is intended to be used as a reference information by custom interface developers.
FactoryTalk Batch PCD Programming Reference Manual (BATCH-RM004)	Provides information and instructions about the FactoryTalk Batch PCD interface design. It is intended to be used as a reference guide for PCD programmers.

Resource	Description
FactoryTalk Batch Server API Reference Manual (BATCH-RM003)	Provides information regarding the interface between the FactoryTalk Batch Server and FactoryTalk Batch View – the Server Application Programming Interface (API). It is intended to be used as a reference guide by custom interface developers.
FactoryTalk Batch System Files Reference Manual (BATCH-RM005)	Provides the technical information for configuration and maintenance of a FactoryTalk Batch system. It can be used as a reference information for implementation engineers and system administrators.
FactoryTalk Batch eProcedure Instruction File Design Reference Manual (BWEPRO-RM001)	Includes information about the building of instruction files for use in equipment database creation and recipe development. This information is intended to be used as a reference by instruction file authors.

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Rockwell Automation recognizes that some of the terms that are currently used in our industry and in this publication are not in alignment with the movement toward inclusive language in technology. We are proactively collaborating with industry peers to find alternatives to such terms and making changes to our products and content. Please excuse the use of such terms in our content while we implement these changes.

FactoryTalk Batch View HMI Controls

The FactoryTalk® Batch View HMI controls provide an interface that allows users to monitor and interact with the production process within a FactoryTalk View SE Display Client. The FactoryTalk Batch View HMI controls consist of:

- **BatchesList [control](#)**: Creates control recipes, displays current control recipes, and commands a control recipe. Shown as **BatchViewHMI.BatchesList** in the **Insert HMI Controls** dialog box and the **Property Panel**.
- **PromptsList [control](#)**: Displays a list of prompts that are waiting to be acknowledged, a list of electronic signatures associated with a batch that are waiting for signoff, and instructions waiting to be acknowledged. Shown as **BatchViewHMI.PromptsList** in the **Insert HMI Controls** dialog box and the **Property Panel**.
- **SFC [control](#)**: Enables the ability to command batches during FactoryTalk View SE runtime on the Details and Summary pages of the SFC. Shown as **BatchViewHMI.SFC** in the **Insert HMI Controls** dialog box and the **Property Panel**.
- **Full [control](#)**: Accesses the entire FactoryTalk Batch View site. Shown as **BatchViewHMI.FullView** in the **Insert HMI Controls** dialog box and the **Property Panel**.

System requirements

To successfully use FactoryTalk Batch View HMI Controls 2.01, the computer must meet these hardware, software, and display recommendations.

For the latest compatibility information, refer to the [Product Compatibility and Download Center](#).

Hardware requirements

The FactoryTalk Batch View HMI Controls do not have any specific hardware requirements. They run on any hardware platform that supports the required software, either locally or on a virtual machine.

Ensure that all selected hardware is on the compatibility list of the operating system listed in the **Software requirements** section.

Systems that do not meet the minimum requirements for the version of software being used are not covered under warranty.

Software requirements

FactoryTalk Batch View HMI Controls requires the following software on the host computer:

- Windows Server® operating system:
 - Windows Server 2019 Standard Edition (preferred)
 - Windows Server 2016 Standard Edition (preferred)
 - Windows Server 2019 DataCenter
 - Windows Server 2016 DataCenter
 - Windows Server 2012 R2 Standard or DataCenter Edition
 - Windows Server 2012 Standard or DataCenter Edition
- Windows® (client) operating system
 - Windows 10 Professional 64-bit build 20H2 or later (preferred)
 - Windows 10 Enterprise 64-bit build 20H2 or later
- Rockwell Software
 - FactoryTalk Batch View 2.01 (required to make a remote connection but not required to be installed on the same machine as the FactoryTalk Batch View HMI controls)
 - FactoryTalk Batch 15.00 (required to make a remote connection but not required to be installed on the same machine as the FactoryTalk Batch View HMI controls)
 - FactoryTalk Services Platform 6.30 (CPR 9 SR 13) or later
 - FactoryTalk Activation Manager 4.06 or later
 - FactoryTalk View SE 13.00 (preferred)
 - FactoryTalk View SE 11.00 or later supported

Display Recommendations

FactoryTalk Batch View HMI controls are operational at any display size. Following are the minimum specifications (pixels) for each control:

- BatchesList control: 480 x 480
- PromptsList control: 480 x 480
- SFC control: 480 x 960 or 960 x 480
- Full control: 480 x 960 or 960 x 480

Rockwell Automation Test Environment

Rockwell Automation tests software products under a standard configuration of operating systems and antivirus software. For additional information, see the Knowledgebase Document ID: [PN24 - Rockwell Software Products and Antivirus Software](#).

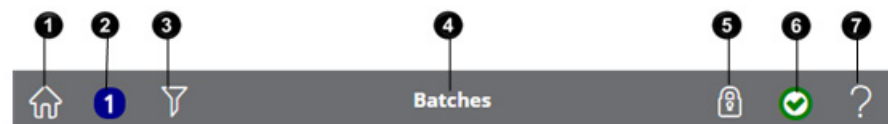
Properties, methods, and events

Properties, methods, and events allow you to customize objects created by the FactoryTalk Batch View HMI controls. An object is a combination of code that can be treated as a unit, such as a control, form, or application. Each object is defined by a class. There are four object classes provided in the FactoryTalk Batch View HMI controls: **BatchesList**, **PromptsList**, **SFC**, and **Full**. Each of these objects has associated properties, methods, and events.

- **Property:** A named attribute of a control, form, application, or other object. Properties define object characteristics such as size, color, and screen location, or the state (for example, enabled, disabled) of an object.
- **Method:** A procedure that acts on an object.
- **Event:** An action (such as clicking the mouse or pressing a key) recognized by an object for which you can write code to respond. Events can occur as a result of a user action or program code or can be triggered by the control.

Diagnostic bar overview

The diagnostic bar provides status information when viewing the **BatchesList** control, **PromptsList** control, and **SFC** control in a FactoryTalk View SE Display Client.



Item	Description
1	Return to the Home page to view the list of items.
2	View the item count notification for the control type in the display window. If a base filter has been applied, the item count is the number of items after the filter was applied. If there is a syntax error in the base filter, the item count remains unchanged from the unfiltered list.
3	View the configured base filter value. The base filter icon only displays if a base filter is in use.
4	The name of the control type in the display window.
5	The domain and account name information for the logged in user.
6	The status of the FactoryTalk Batch Server's associated data servers and the FactoryTalk Batch Material server.
7	Provides access to the online help.

Configure the control property settings

In FactoryTalk View SE, configure the control properties using the **Property Page** or the **Property Panel** and then [configure the control](#) to use Visual Basic®.



Tip: Behavior of the control properties differs depending on whether display caching is used.

If caching is not used:

Switching screen/display: If the user changed the design time value at runtime, returns to the design time value.

If caching is used:

Switching screen/display: If the design time value was changed at runtime, the screen is not reloaded so it never returns to the design time value.

To enable caching:

1. In FactoryTalk View SE, open **Display Settings**.
2. In **Cache After Displaying**, select **Yes**.
3. Select **OK**.

Configure the control properties using the Property Page

To configure the **BatchesList** control, the **PromptsList** control, the **SFC** control, and the **Full** control to communicate with FactoryTalk Batch View, customize the settings in the **Property** page for the control.

Prerequisites

- Open FactoryTalk View Studio.
- Open a display that contains a **FactoryTalk Batch View HMI** Control.

To configure the control properties using the Property page

1. In the display window, right-click a **FactoryTalk Batch View HMI** control and select **Properties**.
2. In **Node**, enter the computer where the FactoryTalk Batch server and the FactoryTalk Batch View server is installed.



Tip: The computer identified in **Node** can be specified using the machine name or machine IP address. If using the controls on the computer hosting the servers, you can enter *localhost* for **Node**.

3. In **Port**, enter the port where the FactoryTalk Batch View server is configured to receive communication.



Tip: The default port number is 443. If the FactoryTalk Batch View Service is installed on a different port, launch the client on the FactoryTalk Batch View Server machine to identify the port number.

4. (optional) Perform any of these steps:
 - Select the **Enable Commanding** option.

- In the **BatchesList** control, enables the ability to create and command batches during FactoryTalk View SE run-time.
 - In the **PromptsList** control, enables the ability to respond to prompts, such as to enter parameter values and to acknowledge prompts, enables the ability to sign-off on electronic signatures, and enables the ability to respond to instructions.
 - In the **SFC** control, enables the ability to command batches during FactoryTalk View SE run-time on the **Details** and **Summary** pages of the SFC.
 - In the **Full** control, enables these abilities for batches and prompts. This property also enables the ability to perform Manual Phase Control in the **Equipment** page.
5. (optional) These are available in **BatchesList** and **PromptsList** controls only:
 - To display the filter bar during FactoryTalk View SE run-time, select the **Show Filter Bar** option.
 - To display the batches or prompts in a minimized format, select the **Minimal View** option.
 - To limit the items shown during FactoryTalk View SE run-time, enter an expression in **Base Filter**.
 6. Select **Apply**, and then select **OK**.
 7. In the FactoryTalk View SE toolbar, select **Save**.

Configure the control properties using the Property Panel


To configure the **BatchesList** control, the **PromptsList** control, the **SFC** control, and the **Full** control to communicate with FactoryTalk Batch View, customize the settings in the **Property Panel** for each control.

Prerequisites:

- Open FactoryTalk View Studio.
- Open a display that contains a **FactoryTalk Batch View HMI** control.

To configure the control properties using the Property Panel

1. In the display window, right-click a **FactoryTalk Batch View HMI** control and if it is not already displayed, select **Property Panel**.
2. In **Node**, enter the computer where the FactoryTalk Batch server and the FactoryTalk Batch View server are installed.



Tip: The computer can be the machine name, machine IP address, or `localhost`.
3. In **Port**, enter the port where the FactoryTalk Batch View server is configured to receive communication.



Tips:

- The default port number is 443. If the FactoryTalk Batch View Service is installed on a different port, launch the client on the FactoryTalk Batch View Server machine to identify the port number in the URL.
- The port number is not shown in the URL if the default port number (443) is in use.

4. (optional) Perform any of these actions.
 - (If available) To display the filter bar during FactoryTalk View SE runtime, select **True** for the **ShowFilterBar** option.
 - To enable specific behavior for controls, select **True** for the **EnableCommand** property option.
 - In the **BatchesList** control, enables the ability to create and command batches during FactoryTalk View SE runtime.
 - In the **PromptsList** control, enables the ability to respond to prompts, such as to enter parameter values and to acknowledge prompts, enables the ability to sign-off on electronic signatures, and enables the ability to respond to instructions.
 - In the **SFC** control, enables the ability to command batches during FactoryTalk View SE runtime on the **Batch Details** display and the **Summary** page of the SFC.
 - In the **Full** control, enables these abilities for batches and prompts. This property also enables the ability to perform Manual Phase Control in the **Equipment** page.
5. (optional) These are available in **BatchesList** and **PromptsList** controls only:
 - To display the batches or prompts in a minimized format, select the **Minimal View** option.
 - To limit the items shown during FactoryTalk View SE runtime, enter an expression in **Base Filter**.
6. Close the **Property Panel**.
7. Select **Save**.

Configure the control to use VBA

To configure the **BatchesList** control, the **PromptsList** control, **SFC** control, and the **Full** control to use Visual Basic, customize the **ExposeToVBA** setting in the **Property Panel**.

Prerequisites:

- Open FactoryTalk View Studio.
- Open a display that contains the **FactoryTalk Batch View HMI** control.

To configure the control to use VBA

1. In the display window, right-click the control.

2. Select **Property Panel**.
3. In **ExposeToVBA**, select **VBA Control** to use VBA for scripting.
4. Close the **Property Panel** window.
5. Select **Save**. The control properties, methods, and events are now exposed to VBA, where you can modify and manipulate the control using VBA code.

Languages

The HMI User Controls inherits the language configured within FactoryTalk View SE.



Tip: For more information on FactoryTalk View SE language settings, see *Set up languages for an application (General tab)* in FactoryTalk View SE help.

The language configured in FactoryTalk View SE requires corresponding files configured in FactoryTalk Batch View Server to support the full implementation of language-switching. If a FactoryTalk View SE language is not supported on the FactoryTalk Batch View Server, the language defaults to English (EN).

The user control language can be changed at runtime using the FactoryTalk View SE language-switching mechanism.

With HMI Controls, you can:

- **Generate language locales on the FactoryTalk Batch View Server:** Add a language locale using a program that requires a .csv input file containing the string translations. FactoryTalk Batch View uses the language definition file selected in the Language list.
- **Run the localize tool via command prompt:** The localize tool validates the .csv file that contains the languages FactoryTalk Batch View uses. The localize tool generates a language definition file for each locale definition. The language definition files allow FactoryTalk Batch View to select different languages in the **Profile** area.
- **Run the localize tool with a GUI:** The localize tool validates the .csv file, and generates a language definition file for each locale definition. The language definition files allow FactoryTalk Batch View to select different languages in the **Profile** area.
- **View supported languages:** Supported languages are defined in and can be viewed from FactoryTalk View SE.

Generate language locales on the FactoryTalk Batch View Server

You can add a language locale by using an application that can read a .csv input file containing the string translations. FactoryTalk Batch View uses the language definition file selected in the Language list.

To generate a language locale

1. Navigate to the FactoryTalk Batch View install location on the computer.



Tip: The default FactoryTalk Batch View install location is **Program Files (x86) > Rockwell Software > Batch View Server > tools**.

2. Use Microsoft Excel or another spreadsheet program to open the file: **localized_strings.xlsm**.
3. In Row 1, add the new language name code to the next available column. For example, for Spanish, use es in FactoryTalk Batch View and use es-ES for HMI User Control integration with FactoryTalk View SE.
4. Replace the English user interface term with the specific language translation for the user interface term in the row. Repeat until all terms have translations.
5. Save the **localized_strings.xlsm** file.
6. Export to .csv and save the file as **localizedstrings.csv**.
7. Run the localize tool.

Run the localize tool with command-line options

The localize tool validates the .csv file that contains the languages FactoryTalk Batch View uses. The localize tool generates a language definition file for each locale definition. The language definition files allow FactoryTalk Batch View to select different languages in the **Profile** area. Use command-line options to generate the language definition file as part of the install command.

Prerequisites

- If the **locales** folder does not exist, create it in the install directory. The default install location is **Program Files (x86) > Rockwell Software > Batch View Server**.

To run the localize tool

1. Open a command prompt.
2. Set the command prompt path to the **tools** directory in the install directory. For example, `C:/Program Files (x86)/Rockwell Software/Batch View Server/tools`.
3. Enter `localize-tool.exe install -c ./localizedstrings.csv -i ..\locales`.
The tool runs and generates a language definition file.

Run the localize tool with a GUI

The localize tool validates the .csv file and generates a language definition file for each locale definition. The language definition files allow FactoryTalk Batch View to select different languages in the **Profile** area. A graphical user interface (GUI) steps you through selecting the localized strings files and the directory in which to install the languages.

Prerequisites

- If the **locales** folder does not exist, create it in the install directory. The default install location is **Program Files (x86) > Rockwell Software > Batch View Server**.

To run the localize tool with a GUI

1. Open a command prompt.
2. Set the command prompt path to the **tools** directory in the install directory. For example, `C:/Program Files (x86)/Rockwell Software/Batch View Server/tools`.
3. Enter `localize-tool.exe install`.
4. In the dialog box, select the **localizedstrings.csv** file.
5. In the dialog box, select the folder where the language definition will be saved, by default the install directory, `C:/Program Files (x86)/Rockwell Software/Batch View Server/locales`.
The tool runs and generates a language definition file.

Learn about FactoryTalk Batch View HMI controls

Use the FactoryTalk Batch View HMI controls as follows:

- The **BatchesList** control: Creates control recipes, displays current control recipes, and commands a control recipe. In FactoryTalk View SE, maps to **BatchViewHMI.BatchesList** in the **Insert an ActiveX Control** dialog box and the **Property Panel**.
- **PromptsList** control: Displays a list of prompts that are waiting to be acknowledged, a list of electronic signatures associated with a batch that are waiting for signoff, and instructions waiting to be acknowledged. In FactoryTalk View SE, maps to **BatchViewHMI.PromptsList** in the **Insert an ActiveX Control** dialog box and the **Property Panel**.
- **SFC** control: Enables the ability to command batches during FactoryTalk View SE run-time on the Details and Summary pages of the SFC. In FactoryTalk View SE, maps to **BatchViewHMI.SFC** in the **Insert an ActiveX Control** dialog box and the **Property Panel**.
- **Full** control: Accesses the entire FactoryTalk Batch View site. In FactoryTalk View SE, maps to **BatchViewHMI.FullView** in the **Insert an ActiveX Control** dialog box and the **Property Panel**.

Refer to the *FactoryTalk Batch View HMI Controls User Manual* for more information about each of the controls.

BatchesList control

Use the **BatchesList** control to create, view, and command control recipes. Access the **BatchesList** control by placing it in a FactoryTalk View SE display. Control recipes are displayed on the Batches list until they are removed by the operator or when the FactoryTalk Batch Server is restarted with a cold boot.

Refer to the *FactoryTalk Batch View HMI Controls User Manual* to learn more about:

- BatchesList control methods
- BatchesList control properties
- BatchesList control events
- BatchesList control scripting support
- Base filter shortcuts for the BatchesList control

PromptsList control

The **PromptsList** control displays a list of prompts and instructions waiting to be acknowledged and a list of electronic signatures associated with a batch that are waiting for signoff.

Prompts alert operators to requests for information. A control recipe cannot complete execution until the operator provides the requested information. A

pending request for information remains unacknowledged until a user provides the information, stops, or aborts the control recipe. Requests for information include prompts, manual instructions, and signatures.

- Prompts alert operators to requests for parameter values, unit binding, and material binding.
- Instructions are individual steps of a manual instruction phase. As a batch executes, the instruction or set of instructions for each active step appears. Instructions execute in the order specified within the master recipe.
- Signatures are requests for signoffs that require user permissions and optional comments. When a signature is generated against a control recipe, acknowledge the signature by completing the associated signoffs. The requested user information in a signature is determined by the signature template.

Refer to the *FactoryTalk Batch View HMI Controls User Manual* to learn more about:

- PromptsList control methods
- PromptsList control properties
- PromptsList control events
- PromptsList control scripting support
- Base filter shortcuts for the PromptsList control

SFC control

The **SFC** control displays the SFC batch structure, which is the same as the FactoryTalk Batch View **Batch Details** display page. The **SFC** control supports the set of commands an operator can perform on a selected batch or step. The **SFC** control generates events when an operator interacts with the running batch. Some property data of the **SFC** control is maintained for scripting.

Refer to the *FactoryTalk Batch View HMI Controls User Manual* to learn more about:

- SFC control methods
- SFC control properties
- SFC control events
- SFC control scripting support

Full control

The **Full** control displays the entire FactoryTalk Batch View site, so that an operator can interact with the site using a single HMI control in a FactoryTalk View SE Display Client.

Use the **Full** control to create, view, and command control recipes, acknowledge prompts and signatures, view equipment phases and diagnostic information, and view profile information. The **Full** control has some differences from viewing the **BatchesList** control or **PromptsList** control individually. In the Full control:

- The FactoryTalk Batch View navigation bar is shown instead of the **Diagnostic** bar.

- There is no **BaseFilter** property.

View the *FactoryTalk Batch View HMI Controls User Manual* to learn more about:

- Full control methods
- Full control properties

Rockwell Automation support

Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, and product notification updates.	rok.auto/support
Knowledgebase	Access Knowledgebase articles.	rok.auto/knowledgebase
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Waste Electrical and Electronic Equipment (WEEE)



At the end of life, this equipment should be collected separately from any unsorted municipal waste.





Rockwell Automation maintains current product environmental information on its website at rok.auto/pec.

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