

# **Honeywell Versatilis Configurator**

**R220**

## **Software Change Notice**

**Document ID: 50182166-001**

Date: December 2022

Document Version: 4.0

## Revision History

Document	Release	Issue	Date
Honeywell Versatilis Configurator	R100	1.0	December 2021
Honeywell Versatilis Configurator	R200.2	2.0	May 2022
Honeywell Versatilis Configurator	R210	3.0	August 2022
Honeywell Versatilis Configurator	R220	4.0	December 2022

## Notices and Trademarks

© Honeywell International Inc. 2022. All Rights Reserved.

While this information is presented in good faith and believed to be accurate, Honeywell disclaims the implied warranties of merchantability and fitness for a particular purpose and makes no express warranties except as may be stated in its written agreement with and for its customer.

In no event is Honeywell liable to anyone for any indirect, special or consequential damages. The information and specifications in this document are subject to change without notice.

Other brands or product names are trademarks of their respective owners.

Honeywell Process Solutions  
1250 W Sam Houston Pkwy S  
Houston, Tx 77042 USA  
<https://process.honeywell.com/>

## Symbol Definitions

The following table lists symbols used in this document to denote certain conditions.

Symbol	Definition
	<b>ATTENTION:</b> Identifies information that requires special consideration..
	<b>TIP:</b> Identifies advice or hints for the user, often in terms of performing a task.
	<b>REFERENCE -EXTERNAL:</b> Identifies an additional source of information outside the booklet.
	<b>REFERENCE - INTERNAL:</b> Identifies an additional source of information within the booklet.
<b>CAUTION</b>	Indicates a situation which, if not avoided, may result in equipment or work (data) on the system being damaged or lost, or may result in the inability to properly operate the process.
	<b>CAUTION:</b> Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. <b>CAUTION</b> symbol on the equipment refers the user to the product manual for additional information. The symbol appears next to required information in the manual.
	<b>WARNING:</b> Indicates a potentially hazardous situation, which, if not avoided, could result in serious injury or death. <b>WARNING</b> symbol on the equipment refers the user to the product manual for additional information. The symbol appears next to required information in the manual.
	<b>WARNING, Risk of electrical shock:</b> Potential shock hazard where HAZARDOUS LIVE voltages greater than 30 Vrms, 42.4 Vpeak, or 60 VDC may be accessible.
	<b>ESD HAZARD:</b> Danger of an electro-static discharge to which equipment may be sensitive. Observe precautions for handling electrostatic sensitive devices.
	<b>Protective Earth (PE) terminal:</b> Provided for connection of the protective earth (green or green/yellow) supply system conductor.
	<b>Functional earth terminal:</b> Used for non-safety purposes such as noise immunity improvement. NOTE: This connection shall be bonded to Protective Earth at the source of supply in accordance with national local electrical code requirements.

Symbol	Definition
	<b>Earth Ground: Functional earth connection.</b> NOTE: This connection shall be bonded to Protective Earth at the source of supply in accordance with national and local electrical code requirements.
	<b>Chassis Ground:</b> Identifies a connection to the chassis or frame of the equipment that should be bonded to Protective Earth at the source of supply in accordance with national and local electrical code requirements.

## Contents

<b>1</b>	<b>Introduction</b> .....	<b>7</b>
1.1	About Honeywell Versatilis Configurator .....	7
1.2	About this Guide .....	7
<b>2</b>	<b>Contents of Release</b> .....	<b>7</b>
<b>3</b>	<b>Getting Started</b> .....	<b>7</b>
<b>4</b>	<b>Release Overview</b> .....	<b>8</b>
<b>5</b>	<b>Previous Releases</b> .....	<b>8</b>
5.1	Honeywell Versatilis Configurator R210 .....	8
5.2	Honeywell Versatilis Configurator R200.2 .....	8
5.3	Honeywell Versatilis Configurator R100 .....	8
<b>6</b>	<b>Known Issues/Observations</b> .....	<b>9</b>
6.1	Open Issues.....	9
<b>7</b>	<b>Issues Fixed</b> .....	<b>9</b>
<b>8</b>	<b>Third-Party Software Components</b> .....	<b>10</b>

## 1 Introduction

### 1.1 About Honeywell Versatilis Configurator

Honeywell Versatilis Configurator is a next-generation handheld solution for configuring, calibrating, and troubleshooting field instruments. The solution consists of an intuitive smart app supported on Android and Windows mobility platforms providing flexible and reliable communications to universal HART (Highway Addressable Remote Transducer), Modbus, and Honeywell Digitally Enhanced (DE) devices through Bluetooth® and USB.

Key features:

1. Enables configuring, calibrating, monitoring, and diagnosing any HART, Honeywell Digitally Enhanced (DE), and Modbus field devices.
2. Uses the latest registered DD files from the FieldComm Group.
3. Smart features such as Quick Configuration, Advance Configuration, Diagnostics, Parameter Search, Offline Configuration, and Device History.
4. Enables intuitive help using Online App Tutorials.

### 1.2 About this Guide

This guide captures the updates that might not be reflected in the user documentation. It also contains last-minute documentation updates and any special considerations for the current release.

## 2 Contents of Release

Document	Part Number
Honeywell Versatilis Quick Start Guide	34-ST-25-69

## 3 Getting Started

See the Honeywell Versatilis Configurator Quick Start Guide for instructions on deploying the application.

## 4 Release Overview

The following new features are added to this release:

- Support for Modbus field devices.
- Secure operations and end-to-end traceability via integration with Honeywell Versatilis Lifecycle solution.
- UI enhancements, performance improvements and bug fixes.

## 5 Previous Releases

### 5.1 Honeywell Versatilis Configurator R210

1. Introduced the My View feature to customize the personalized dashboard or parameter view. Customers can select which parameters they want to view.
2. Introduced USB modem communication via the Honeywell Versatilis Configurator app.
3. UIP (User Interface Plugin) integration for SMV800 and SLG700 devices.
4. STT850, DE STT850, SMV800, and ST800 devices now have the Master reset support.
5. Export the History data as an FDM file that can be imported into FDM (Field Device Manager).
6. A simulation feature is introduced to simulate the field device parameters.

### 5.2 Honeywell Versatilis Configurator R200.2

1. The Android version release includes bug fixes and support for Android version 11.
2. Launched the Honeywell Versatilis Configurator app in Microsoft Store.
3. Updated the latest DD catalog package.

### 5.3 Honeywell Versatilis Configurator R100

1. Support Online Configuration & Diagnostics to configure, calibrate and diagnose the field devices for HART and Honeywell Digitally Enhanced (DE) protocols.
2. Create and save HART and Honeywell DE devices offline configuration templates for easy configuration and cloning of devices. The easy import and export feature can also share offline configuration with other tablet users.
3. Provides easy addition, deletion of DD file and FDI package, and filter option gives quick navigation based on manufacture and device type.
4. Easy way to access and execute the available methods for the device.
5. Introduced in-built App tutorials for highly effective user help.
6. Provided easy parameter search for quick navigation of device menu structures.
7. Support quick configuration to configure basic parameters of the device quickly.
8. Enable easy communication between the operator and instrument engineer using message notifications without internet connectivity.
9. Save the current device configuration as history and export it for future reference and auditing.

## 6 Known Issues/Observations

### 6.1 Open Issues

The following is the list of open issues in this release:

Reference ID(s)	Description and Workaround (if any)
UIMFDM-472	In Honeywell Versatilis Configurator app, when the user tries to configure write-only parameters; app shows an error message " <b><i>The access level does not allow reading or subscribing to the node</i></b> ".
UIMFDM-736	When conditional parameters changed then updated conditional parameter values are not getting saved in history.
UIMFDM-744	In Honeywell Versatilis Configurator App, user added conditional parameters to 'My View' and when these parameters are updated in the 'Advanced' configuration, these changes are not reflected in 'My View'.
UIMFDM-784	In Honeywell Versatilis Configurator App, when the user changes the communication mode from Analog to DE, the 'Local Display' parameters show error messages.
UIMFDM-910	Methods like Display Screen, User Defined & Configure screen are not listed in the 'Methods' feature for SMV800 Modbus. <b>Work Around:</b> Users can execute these Methods from the 'Advanced' screen.
UIMFDM-911	While executing some of the methods, the user might see a success message even though the write operation is failed for SMV800 Modbus.

## 7 Issues Fixed

The following issues are fixed in this release:

Reference ID(s)	Description
UIMFDM-471	The Honeywell Versatilis Configurator app takes longer time to browse through advanced config menus for some devices.
UIMFDM-737	Critical faults and Non-critical faults from the Device Status Menu can be altered by clicking associated bullets.
UIMFDM-749	The Advanced screen changes are not reflected in the My View screen for DE devices.
UIMFDM-761	The Honeywell Versatilis Configurator app does not show any indication when the modem is disconnected from the transmitter.
UIMFDM-779	Honeywell Versatilis Configurator app stays in the task saving loop and does not show any error message if the device connection fails during 'Save History'.
UIMFDM-781	The Modem Firmware upgrade doesn't show any warning message while the modem battery capacity is below 10%.
UIMFDM-783	In the Honeywell Versatilis Configurator app, when the user opens any template in the 'Offline' screen; the menu list gets duplicated.
UIMFDM-786	Quick Configuration screen parameters indicate that "the value may be invalid" for some devices.
UIMFDM-787	Intermittent communication issues with Rosemount 3051 SMV device.

## 8 Third-Party Software Components

The following software components have been included with this software installation:

Component	Versions
Xamarin.Forms	4.8.0.1821
System.IO.Packaging	4.6.0
SharpZipLib	1.3.3
Xamarin.Forms.Essentials	1.6.1
Rg Plugins Popup	2.0.0.13
Nlog	4.7.3
Plugin.SegmentedControl	2.0.1
Grapecity	4.8.20203.495
Skia sharp	2.80.1
sqlite-net-pcl	1.7.335
XFinium.PDF	9.8.2
Xamarin.Google.Android.Play.Core	1.10.0
Xamarin.Google.Android.Vending.Expansion.Downloader	2.1.0
Xamarin.GooglePlayServices.Base	117.6.0
Xamarin.Plugin.Connectivity	3.2.0
Xamarin.Forms.RootCheck	1.0.1
CsvHelper	28.0.1