

Software Version Notes
for
RFID Configurator
Version 1.01

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1. Version Information

This is the initial release of the RFID Configurator. The software is available for download from the Intermec software downloads site at www.intermec.com/swdownloads . Select IF61, IF5, or IF4. The software will be listed in the Demo Software section.

Release	Date Available
1.1.0.0	June 2, 2008
1.0.0.28	November 7, 2007

2. Installation Notes

System requirements for installing RFID Configurator software include the following.

Operating System	<ul style="list-style-type: none">Windows XP Pro with SP2 and all related updates
Other Requirements	<ul style="list-style-type: none">Microsoft .NET Framework (Version 2.0) (This is provided in the download.)

Before installing, uninstall any previous version of RFID Configurator.

To Install:

- Download and run the installation file (RFIDConfiguratorSetup.exe) on your desktop or laptop computer. Follow the on-screen instructions to complete the installation.
- If pre-requisite software is not present on your machine, you will be prompted to install that software.
- DO NOT CANCEL the installation of these components.

Please contact Intermec Product Support (<http://intermec.custhelp.com>) for assistance with installation issues and questions.

3. Devices Used in Testing

RFID Configurator was tested against the following devices.

Devices	Version
IF5 Reader	Software Release 2.20 Firmware V6.33 BRI Version S
IF5 Reader	Software Release 2.03 Firmware V3.29 BRI Version Q

Devices	Version
IF4 Reader	Firmware V6.33 BRI Version S
IF61 Reader	Software Release 1.00-2007-03-15 Firmware V6.61 BRI Version 3.00.01
EPCC1G2 "Gen 2" Tags	
ISO 18000-6B "ISO" Tags	

4. Functionality Available in this Version

Open Readers

This function opens readers, one or more, so that they are available for use by the other functions in the application. The function keeps a list of known readers to aid in the opening of those readers in later executions of the application.

Configure Reader

This function provides access to the commonly references reader attributes. Configurations can be applied to one or more readers. They can also be saved in an XML configuration file for future reference, or for use elsewhere.

Write Tags

This function writes your data to EPCC1G2 "Gen2" tags and ISO 18000-6B "ISO" tags.

Erase Tags

This function erases tags by overwriting the tag data.

Read and Report Tags

This function uses one or more open readers to report tags in the field. The function is used to demonstrate configuration differences. Tag data may be logged to XML files.

Manual Commands

This function allows you to key your own Basic Reader Interface (BRI) commands for a selected reader. The function is used to report data from a reader or update its configuration.

Compare Configurations

This function will list up to three configurations simultaneously. You may choose to display the configuration from any open reader, any saved configuration file, or the set of supplied default reader attributes.

5. Suggestions and Other Information

- ☞ Do not set reader attribute ECHO=On. This causes conflicts with the application.
- ☞ Do not connect multiple applications to a single network reader at one time. If one application is reading tags and another application reads or writes tags, this can stop the reading on the first application and put the reader into an undefined state requiring it to be powered down and back up.
- ☞ Keep in mind that EPC and ISO tags behave differently. A read of an EPC tag returns the EPCID while a read of an ISO tag returns the TAGID. When you write to an EPC tag, the EPCID is written (with the exception of writing it as a closed-loop tag). In either case, the information written to the tag is returned by the read. For an ISO tag, the read always returns the TAGID, which cannot be changed. When writing to an ISO tag, the data is written to the ISO Offset memory location (typically position 18). Therefore, to see the data on the tag, the command “READ HEX(18,12)” would need to be executed where 18 is the ISO tag offset. This is not done on the Read and Report Tags screen as this is a slower read than only reading the id of the tag.
- ☞ The IF61 (version 1) running a continuous read will sometimes count an ISO tag two times.
- ☞ If the tabbed windows in the application are showing odd background colors, set your Windows Display Properties to Windows XP style. Find this on the Appearance tab.

6. Language and Vocabulary Support

The application is set up to allow you to translate the text used in this application (labels, titles, help text, ...) to another language, or to include your own business vocabulary. To do this, download the Application Translation Utility from the Intermec software download site. You will find it listed in the same Demo Software section with the RFID Configurator download. Instructions for its use are also provided there, downloaded separately.

7. Issues Corrected in This Version

Description	Version
On the Read and Report Tags screen, corrected an occasional problem related to having Reading Method set to Continuous with Report Immediately selected.	V1.1.0.4

8. Known Issues Present in This Version

Report any issues you find to <http://intermec.custhelp.com>.

Description	ID
No significant issues are known in this version.	V1.1.0.4

9. New Features in This Version

Description	Version
<ul style="list-style-type: none">• Tag Logging added as an option on the Read and Report Tags screen,• Added a right-click menu copy function to the Manual Commands screen.	V1.1.0.4