

INSTALLING THE DESKTOP CLIENT



Version 4.1

Building an RFgen Data Collection System

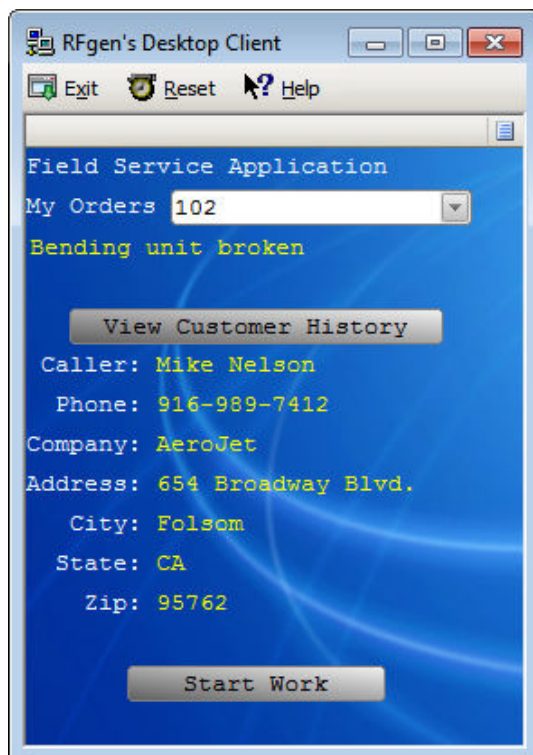
Expand the power of RFgen across the infrastructure of your network with the Windows Desktop Client. Encompass the organization and empower your workforce with the enhanced capabilities of RFgen.

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INTRODUCTION

The RFgen Windows Desktop Client is a graphical telnet program that has been developed for use with RFgen Software. The desktop client is a graphical emulator that has been compiled to operate on x86 based systems. The RFgen Windows Desktop Client extends the capabilities of the RFgen Mobile Enterprise Application Platform to individual PCs and enables end users to run and execute RFgen applications from anywhere within your organization.



The enclosed CD-ROM contains the latest version of the Windows Desktop Client for use with RFgen v4.1. Upon insertion into an optical drive, the CD is set to automatically start and launch a product console menu. If this does not occur, open "My Computer" (Windows 2000/XP) or "Computer" (Windows Vista/7), right-click the correct optical drive icon that contains the CD, click "Open", and double-click the file named "CDSETUP.EXE".

Note: Before proceeding, you must ensure that you have local administrative privileges on the machine which you plan to install this product on since the installation makes required changes to the system registry.

INSTALLATION

The Windows Desktop Client should be installed on all machines that are expected to run RFgen applications. The client is a relatively light installation that provides a console or interface to the various applications and transactions that are hosted on the RFgen server. The server is where the actual processing of data takes place. To begin the installation of the RFgen Windows Desktop Client, log in with an administrative account and follow the directions below.

- Select the "Windows Desktop Client".

CONFIGURATION

To begin the configuration of the RFgen Windows Desktop Client, follow the directions below.

1. Launch the “RFgen Windows Desktop Client Configuration”.

2. “Client Settings”: This set of options controls some fundamental settings for the Windows Desktop Client.

- a. “Language Set” controls the expected input language character set.
- b. “Full Screen” toggles whether or not the application can occupy the entire screen.
- c. “Bar Code Driver” provides a selection of available barcode drivers.
- d. “Desktop Password” stores a password that, once set, will require an end user to specify this password in order to leave the RFgen client application and return to the Windows desktop.
- e. “Auto Connect” toggles whether or not the RFgen client automatically connects with the RFgen Server.

3. “RFgen Servers”: This is where connectivity parameters are defined. The client may be configured to point to a remote server or to the local machine (“localhost”). In the “Connection Settings” section, specify a quantity for the number of “RFgen Servers” and provide a port number in the “Services Port” prompt. For each server, specify a “Server Name” and enter the IP address of the server to connect to in the “IP Address” prompt. In the event that there is more than one server specified, users are presented with a dialog window that asks them to specify which server to connect to before initiating a session.



4. “Security Options”: This set of options includes “Authentication Settings” and “Encryption Settings” which can be enabled and configured to the desired level of security.
5. “Display Themes”: The look and feel of the graphical user interface (GUI) is flexible and easy to configure. The “Theme Settings” section provides settings that affect the overall appearance of the GUI. Adjusting settings in the “Background Image” section allows for custom backgrounds for the RFgen client. The “Button Controls” and “Edit Controls” sections offer settings that adjust how these types of controls are rendered. Whereas the “Selection Highlight” section, can change the appearance of a selected entry in a menu or a list. Finally, the “Menu Strip” section presents settings that are specific to the menu bar which is an optional feature.
6. “Menubar Options”: The optional menu bar can be configured to display and function in a specific manner. The “Caption” column allows for the input of custom captions which will appear on the buttons of the menu bar. The “Command” column provides a selection of preset commands that can be assigned to a menu bar button.
7. “Function Keys”: Various function keys (F keys) can be configured to perform specific actions. The “Function Key” column provides a selection of function keys from F1 to F24. The “Command” column provides a selection of preset commands that can be assigned to a function key.
8. Click the “Save Changes” command button for each set of options that is changed.

Note: The default port numbers that RFgen uses for this application are 21097 and 21098.

TELNET & PREVIOUS OPERATING SYSTEMS

The RFgen Windows Desktop Client may be used with either the RFgen Mobile Enterprise Application Server or the Mobile Development Studio in lieu of the character-based telnet program that can be invoked within Microsoft Windows. Please note that telnet using Windows 2000 does not support function keys as do other versions of the operating system (Windows XP/Vista/7). This can present a problem when trying to perform commands such as exiting an application (F4). To resolve this issue, copy “telnet.exe” from another release of Windows into the Windows 2000 operating system or simply use the RFgen Windows Desktop Client.