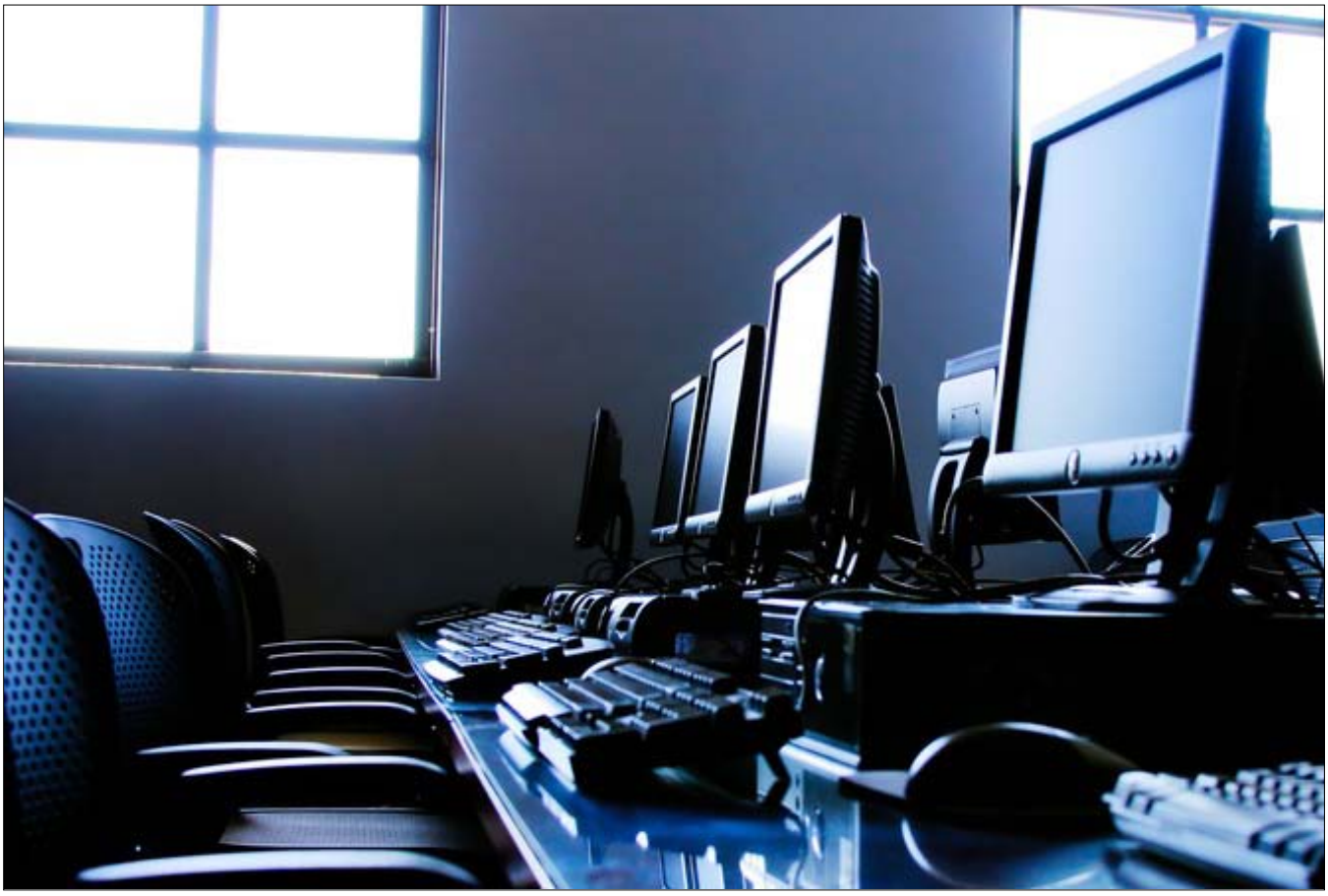
INSTALLING THE DESKTOP CLIENT



Version 4

Building an RFgen Data Collection System

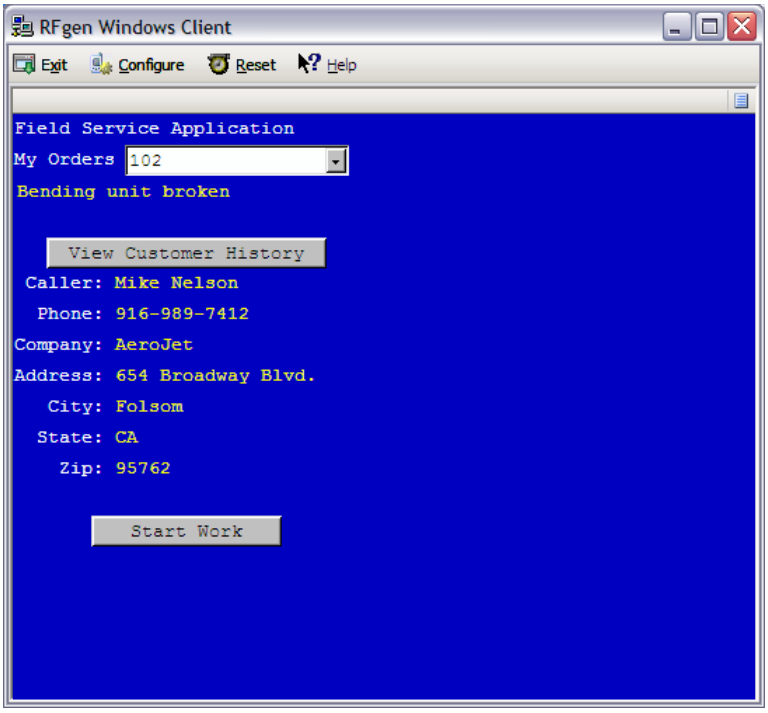
Expand the power of RFgen across the infrastructure of your network with the Windows Desktop Client. Encompass the organization and empower your workforce with the enhanced capabilities of RFgen.

INSTALLING THE DESKTOP CLIENT

BUILDING AN RFGEN DATA COLLECTION SYSTEM

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 framework 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. 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.
2. Click the "Configure" command button.
3. "Servers" tab: This tab is where connectivity parameters are defined. The client may be configured to point to a remote server or to the local machine ("localhost"). Enter the IP address of the server to connect to in the "Server IP Address" column and specify the port number to connect through in the "Port #" column. Repeat this step for each individual server that the Windows Desktop Client can connect to. 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. "Options" tab: This tab presents various options that control the look and feel of the graphical user interface experienced by end users who are running the Windows Desktop Client. Specify the desired values for each of the prompts.
    a. "Language Set" controls the expected input language character set.
    b. "Font Name" defines which font will be used to display text.
    c. "Font Size" defines the size of the font used to display text.
    d. "Menu Bar" sets menu bar to be disabled ("Disabled"), appear at the top of the screen ("Top), or at the bottom of the screen ("Bottom").
    e. "Back Color" specifies the background color that will be displayed.
    f. "Fore Color" specifies the foreground color that will be displayed.
5. "Speech" tab: This options presented in this tab can be configured to fine-tune RFgen Speech Support. Confirm whether or not RFgen Speech Support should be enabled or disabled. If enabled, specify the desired values for each of the prompts.
    a. "Language" is simply the purchased dictionary the speech engine uses to validate spoken words and the phonetic basis for speaking to the user.
    b. "Voice" is the name given to the rate and pitch of the spoken text.
    c. "Read Mode" changes how the test is spoken. The following options control how pauses are handled between characters, words, sentences, and lines. The system can either read character by character ("Character"), word by word ("Word"), sentence by sentence ("Sentence") via the use of heuristics based upon punctuation marks, or line by line ("Line").
    d. "Speech Rate" sets the speed at which the text is played back to the user. The valid range is 1-100, with the default set to 50.
    e. "Volume" controls how loud RFgen will speak the text. The valid range is 0-100. The volume setting is still subject to the volume setting of the operating system and/or hardware device.

f. "Sentence Pause" specifies the number of milliseconds the system will pause between sentences. The valid range is 0-1800. Sentences must be formatted in proper sentence case for this feature to function correctly.

g. "Confidence Level" represents the threshold for how well the spoken word matches to the defined valid responses. The valid range is 0-10,000, with the default set to 5,000.

h. "Trailing Silence" defines the length of the pause (in milliseconds) made by the user that the system will wait for before accepting what was spoken as a completed response. The valid range is 0-2000, with the default set to 200.

i. "Response Timeout" specifies the number of seconds that the user has to respond while the speech engine is listening or when using the TTS.GetInput command. The valid range is 0-32,000.

6. Click the "Save" command button.

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 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.