

Version 2.0.0.1

**RoboFax**

**Automated Test Utility for FaxCore Ev5**

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| What is RoboFaxRoboFax is an automated test tool designed to work with FaxCore Ev5. RoboFax can monitor FaxCore system and email Administrator when RoboFax detect system fail within FaxCore system. RoboFax can execute multiple test cases simultaneously, notify multiple recipients as well as execute command line upon system failure detection. How it works?RoboFax send a new fax message (test case) to FaxCore system via integrated API gateway or email. It also provides option to include attachment. For message send via API, RoboFax will check on the message status or via file drop notification configured within the user profile. In the instance RoboFax couldn’t locate the message’s status, or detect and error within the message itself, it will send email to notify Administrator. For test case configured to look for file drop folder, it will look for text file which contain unique test case ID, and check for status. If status is error or file not found, it will send email to Administrator.For message send via EMAIL, RoboFax will check on its own mail box for email notification sent by FaxCore. If email is not available or there is an error, RoboFax will send out email to notify Administrator. Diagram below illustrate the above description: |

## Requirements

1. FaxCore account (version Ev5)
2. External workstation/client to run RoboFax (optional)
3. Email account (POP3)
4. Full .NET 4.0 Framework (dotnetfx40\_full\_x86.exe)
5. Local Administrator access to install RoboFax

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| ConfigurationsThere are two types of configuration in RoboFax, mail setting and test cases. |
| Mail SettingsMail setting is required in order for RoboFax to check on its mailbox for email notification sent from FaxCore. Mail box can be any type of POP3 enabled mail server (e.g., MS Exchange).1. Launch RoboFax console from system tray. Right-click the RoboFax icon in system tray and click Open.
2. On the main console interface, click on Configuration tab and you will see SMTP Server Setting panel.
3. All info in this panel is required. If your mail server requires SSL, make surer the use SSL checkbox is tick.
4. Click the Save button to commit the info entered.
5. To test the SMTP configuration, click on the Test button, enter a valid email and click OK. RoboFax will send a test email to the address. If you receive the test email, this means the SMTP configuration entered is correct.

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| Figure 1.0.0 – Mail Setting  |

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| Test Case1. To create a new test case, launch the RoboFax console from system tray.
2. Click on “New Test Case” button to bring up a new window.
3. Table below describe each property and usability.

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| **Property Name** | **Description** | **Require Field** |
| TAG | Unique test case ID. This field is read only | Yes |
| Name | User friendly test case name | No |
| Admin Email | Email to notify on system error. Support multiple entries. (i.e.: email1@server.com;email2@server.com) | Yes  |
| Notification Drop Location  | Specify where FaxCore will drop text result. This value follows FaxCore user profile setting | No |
| Sleep | Sleep value is the time RoboFax wait before check for fax result. Value is set in minute. This value is depending estimated time FaxCore take to complete sending the message.  | Yes  |
| Wait Cycle | Wait cycle is the period RoboFax wait before re-run the test. This value is set depending on how frequent RoboFax is require to perform the test. | Yes  |
| Activate | Set test case to active/inactive.  | Yes |
| Command | Special command to run in the event RoboFax determine FaxCore system fails. RoboFax is designed to execute this command to launch application, execute certain action such as batch file to restart service, etc. | No  |
| Argument | Argument values pass into the command. This applicable when the above command require additional input/argument. | No |
| Fax No | Specific fax number to test. If “Send As Email” is checked, this require a valid email to fax address (e.g.: faxnumber@faxcoreserver.com) or full fax number | Yes  |
| Attachment | File attach to fax message | No  |
| Send As Email | When checked, test case will send as email over to FaxCore server. | Yes |
| FaxCore Server URL | Enter FaxCore server name or IP address only if test case is send via API.  | Yes |
| FaxCore Username | RoboFax FaxCore’s username | Yes |
| FaxCore Password | RoboFax FaxCore’s password | Yes |

\*\*Note: RoboFax service need to be restarted every time changes are made to both configurations in order to take effect. Otherwise RoboFax will continue to use previous configuration.FaxCore Setting1. Create a new user in FaxCore for RoboFax.
2. Add 2 new address to its user profile. One email address newly created for RoboFax, and a File drop address if this is preferred as a notification from FaxCore to RoboFax. The file address must be the same with “Notification Drop Location”. Set email address to primary, and both address to NOS enabled.
3. Set account to allow all notification permission.
4. Create a new delivery template for RoboFax. Only both email and file setting need to configure. This configuration will be exclusive for RoboFax user only. Diagram below illustrates the configuration setting required.

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| Figure 2.0.0 – Delivery Template for Email |
| Figure 3.0.0 – Delivery Template for File |

1. Assign the newly created delivery template to RoboFax user

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