Before you can deploy your "Reverse Proxy" Stand-Alone Web Application, you need some Windows Server modules.

This manual was created using Windows Server 2008 R2.

Requirements:
- Remote desktop connection
- IIS 7 must be active
- Microsoft Web Platform Installer (4.0) - Link to download

We assume you have these installed on your Windows Server (if not, install then in the same order as above).

Open Microsoft Web Platform Installer 4.0 on your windows server. (wpilauncher.exe)

You should see this screen as shown in the screen shot.
Search for "Application Request Routing" in the top-right search field.

<table>
<thead>
<tr>
<th>Name</th>
<th>Released</th>
<th>Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>KB2593179 for Application Request Routing 2.5</td>
<td>5-9-2020</td>
<td>Installed</td>
</tr>
<tr>
<td>Application Request Routing 2.5</td>
<td>29-3-2021</td>
<td>Installed</td>
</tr>
<tr>
<td>Hotfix for Application Request Routing 2.1</td>
<td>10-9-2020</td>
<td>Add</td>
</tr>
<tr>
<td>Application Request Routing 2.5 with KB2593179</td>
<td>3-9-2010</td>
<td>Installed</td>
</tr>
</tbody>
</table>

Now we need to select "Add" after the "Application Request Routing 2.5" row. Next click "Install in the bottom-right" and follow the Installation procedure, you should install all required items if you're being asked by the installer.
Next we setup our Windows Server with a Reverse Proxy so our Stand-Alone Web Application can be run.

Open "Internet Information Services (IIS) Manager" (for IIS7). It will show you the screen as shown above. The "Application Request Routing" should be visible on the right (as shown) after you select your server name from the left list.
Next we move to the URL Rewrite screen. Select your domain which should show your Web Application in the browser.

For this example I show you my setup for http://swort.eu/ which is running on port 8080 as Stand Alone Web Application. The browser shows it's running on port 80 instead so it's not shown as http://swort.eu:8080/ but instead it's shown as any website http://swort.eu/
Double click "URL Rewrite", to create a Reverse Proxy Rule.

This screen is what we are looking for. Next click on "Add Rule(s)" in the right side menu.
Create a new "Reverse Proxy" Rule.

Double click on "Reverse Proxy"
Now we will create the "Rewrite Rule" using "Reverse Proxy" that will forward our Web Application trough Port 80 on the current domain.

Enter your server ip-address in the box (shown as the red rectangle).
Other options should remain default. We don't need any "outbound Rules" also "Enable SSL Offloading" should only be selected if needed.
Press "OK" when you'r done.
Now we will edit the "ReverseProxyInboundRule1" to use the port which was used in our "Build Settings > Web".

Double click on "ReverseProxyInboundRule1" to edit.
Here we append the port number (used by our Stand Alone Web Application) to the Rewrite URL.

The blur should be your server ip-address, and the port should be appended as shown above. Make sure it's the same port as your Web Application is using (change it in your Build Settings when in the Real Studio IDE).

Keep all other information as is, the "/{R:1}" part is needed for your url to be using URL Parameters or URL Paths.
Without it, your Web Application will break.

When you're done, click "Apply" in the right side menu, after that we are done setting up our "swort.eu" domain.
Next we are going to Run our Web Application to test if it's working.
Upload your Stand Alone Web Application to your Windows Server and run it.

You should see the same as above, if your Stand Alone Web Application is running. When you're done, we can test our domain in the browser on our local computer.

Your Stand Alone Web Application is installed and running. It should be working on any browser that meets RS Web Edition Requirements.

This setup is much cleaner than a CGI setup for Windows Servers. It's clean in the URL, it's faster in loading and remember it helps your setup being easy.

Just learn these steps one-by-one and remember them for multiple domain.

Don't forget:

- You must make sure you always use another port for each Stand Alone Web Application instance using the "Build Settings", don't forget to change it in the "Rewrite URL" as in step "Here we append the port number (used by our Stand Alone Web Application) to the Rewrite URL."

- Running a Stand Alone Web Application can be done as a Windows Service. For this you can read it on the Real Software blog.

- There are many programs that can help your "Stand Alone Web Application" to keep running, and automatically relaunch after it crashed, leaked to many memory and more. These programs can be found online or you can create one yourself in Real Studio.
Happy coding.