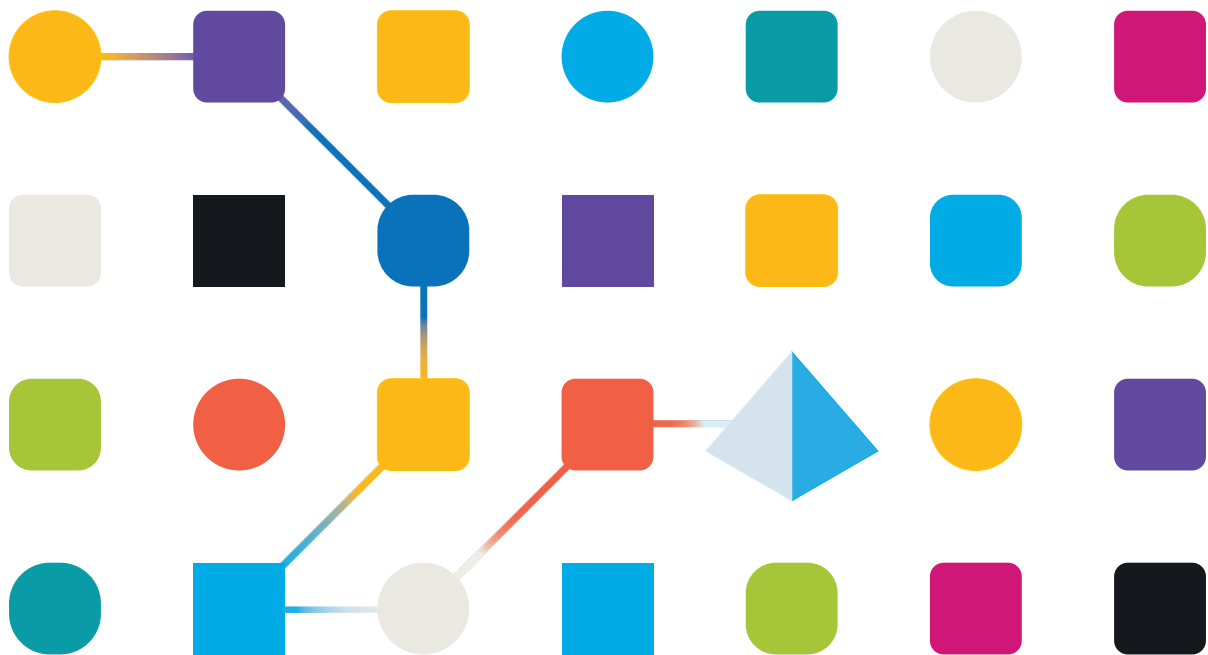




# Blue Prism Mainframe Guide

Rocket BlueZone

Document Revision 1.0



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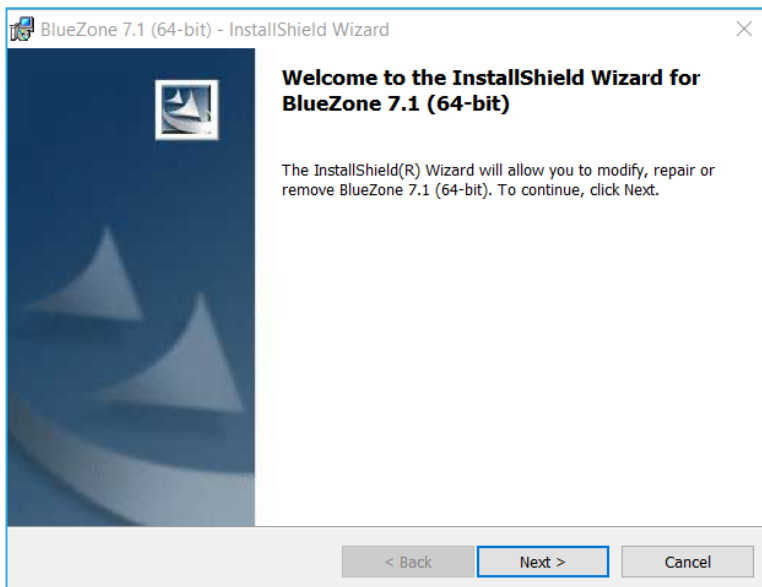
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Registered in England: Reg. No. 4260035. Tel: +44 370 879 3000. Web: [www.blueprism.com](http://www.blueprism.com)

# How to configure Rocket BlueZone Mainframe Emulator

## Pre-requisites

The following versions are not specific requirements, but rather recommendations based on versions which are known to work together:

- Blue Prism v5.0.12 or above
- Rocket BlueZone emulator software v6.2 and above (last tested version 7.1 (64bit))

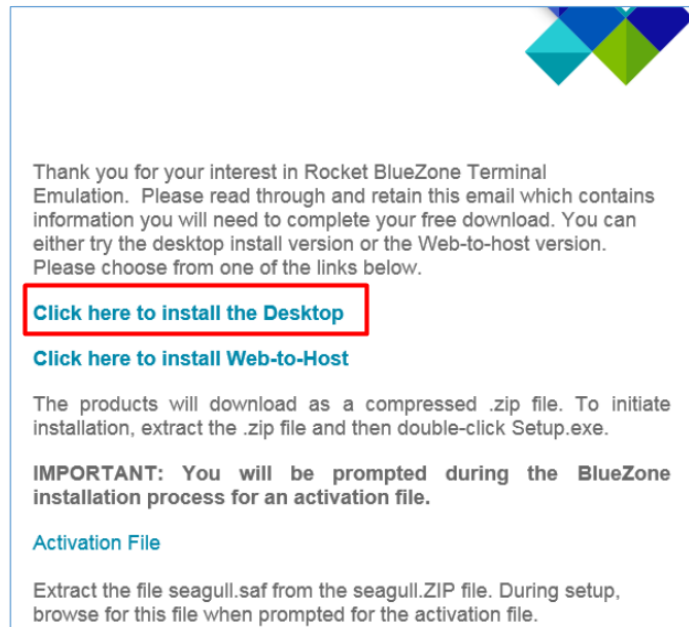


Last tested version combination was **Blue Prism v6.6.0** and **BlueZone 7.1**.

## BlueZone Installation

The software and its associated activation file will be available from a link in the e-mail sent after registering for the trial software.

The following is an example of the e-mail with download links send by BlueZone:

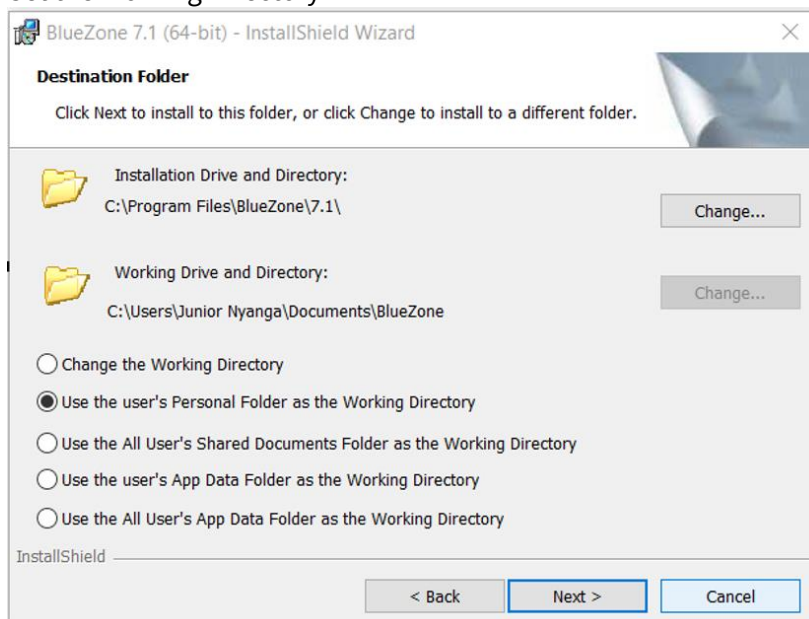


Perform the following steps:

1. Download and extract the Desktop software ('BlueZoneDesktop.zip').
2. Run the 'setup.exe' file.

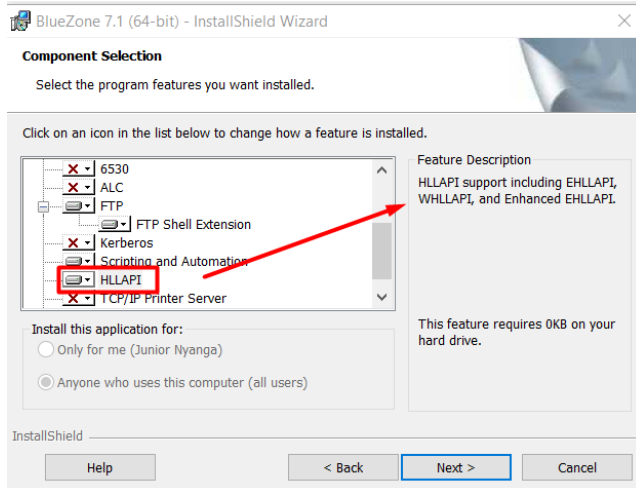
global.ini	Configuration settings	1 KB	No	2 KB	48%
language.ini	Configuration settings	1 KB	No	1 KB	22%
setup.exe	Application	595 KB	No	1,293 KB	55%
setup.ini	Configuration settings	3 KB	No	6 KB	58%

3. Set the Working Directory

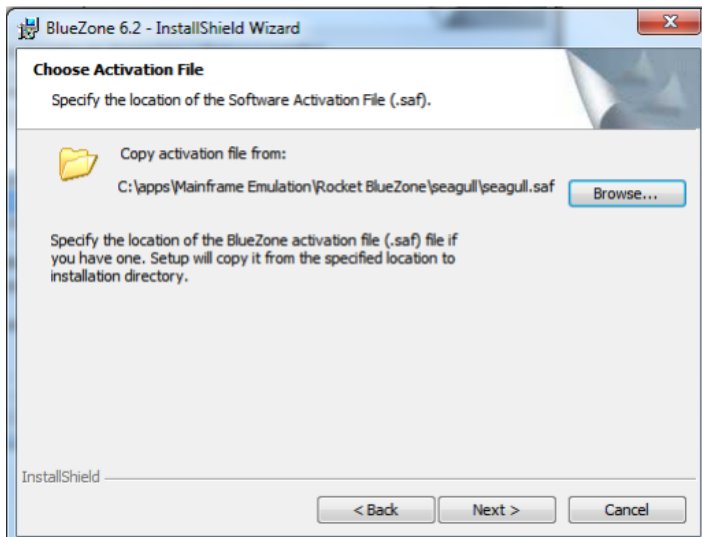


The selection of which working directory the software should use will have an impact on the product, because for some selections such as the AppData folder might have write access restrictions

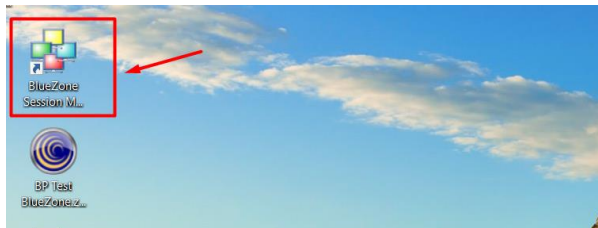
#### 4. Ensure that the **HLLAPI** option is selected for installation.



**Tip:** If you are using version 6.2 or earlier of BlueZone, you might need to locate the “seagull.saf” activation file. You can skip this step if you are on version 7.1 or above of Rocket BlueZone.

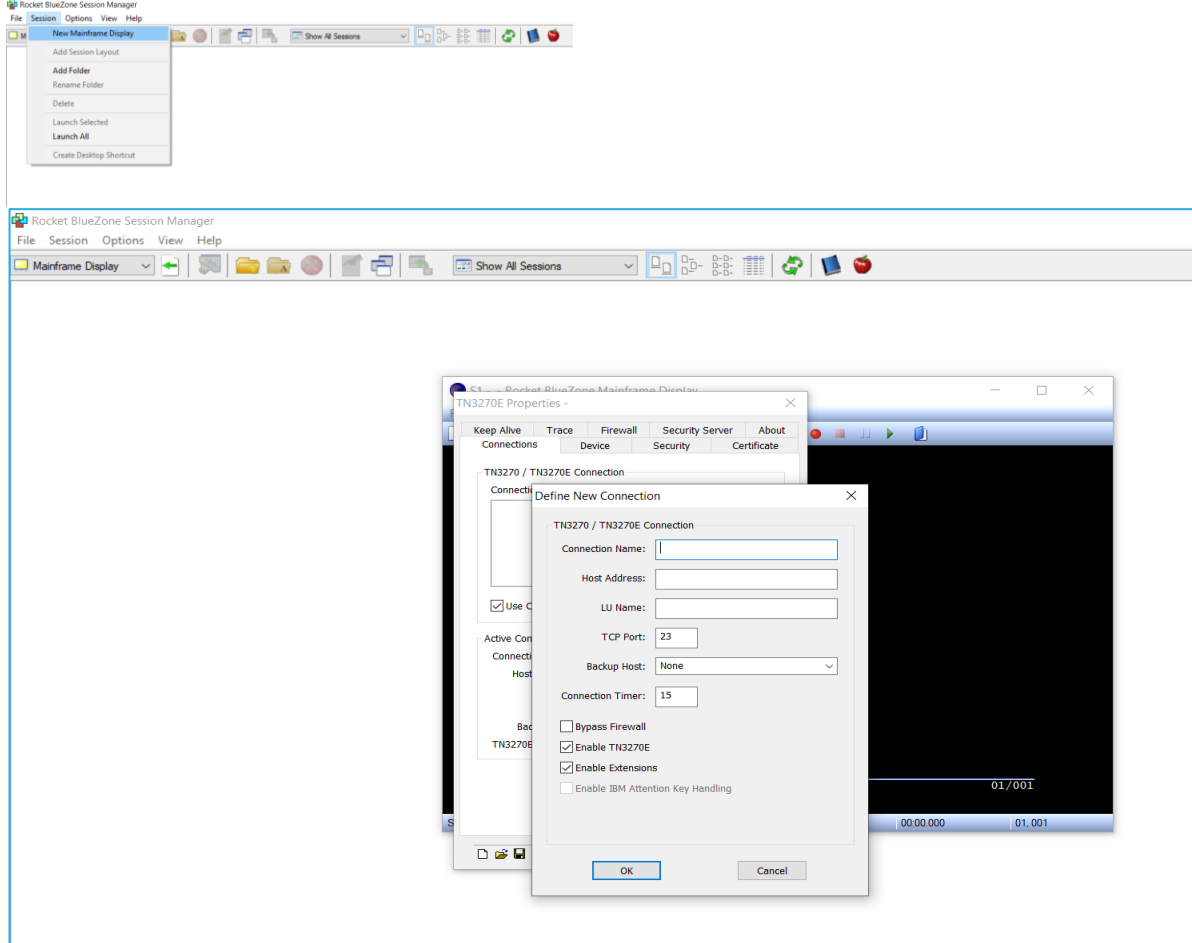


#### 5. Launch BlueZone.



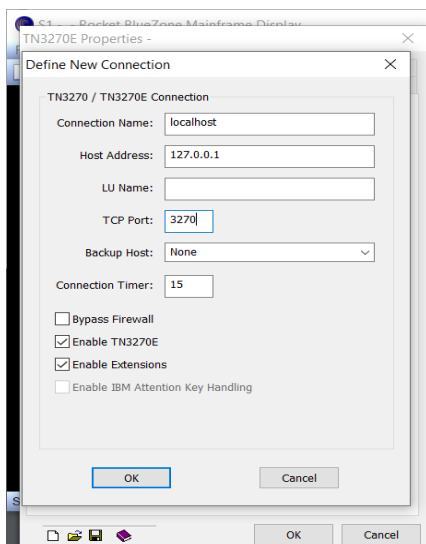
## BlueZone Configuration

1. Once the application has been launched, click on **Session > New Mainframe Display**.

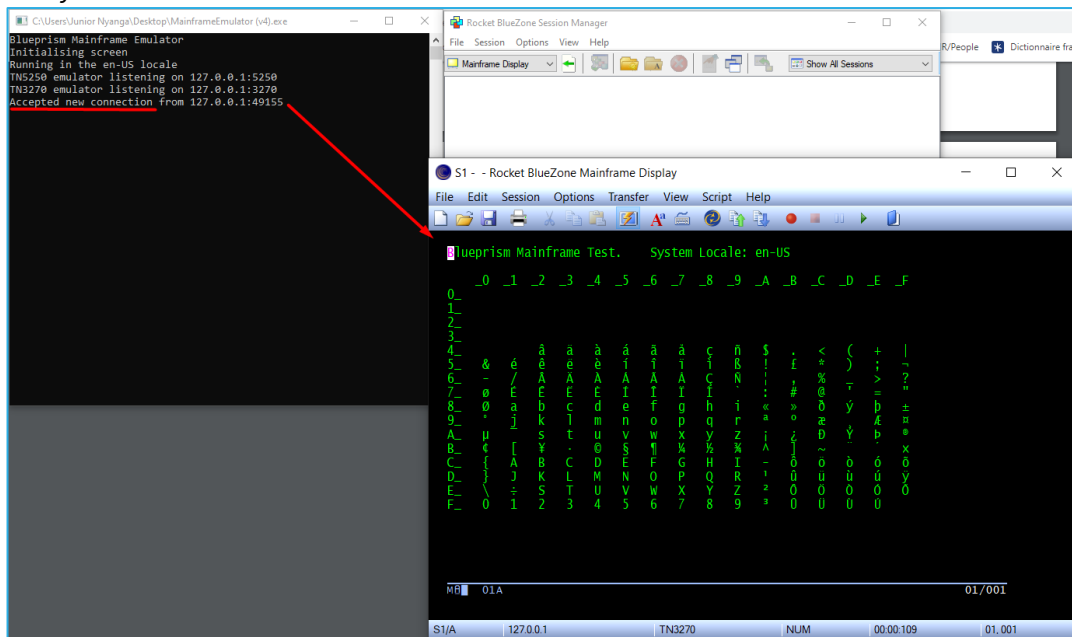


2. In the 'Define New Connection' screen, set as follows:

- Connection name: **localhost**
- Host Address: **127.0.0.1**
- LU Name: **(Not required)**
- TCP Port: **3270**



- Click **OK** and **Apply**.
- Run your mainframe session and connect to it:

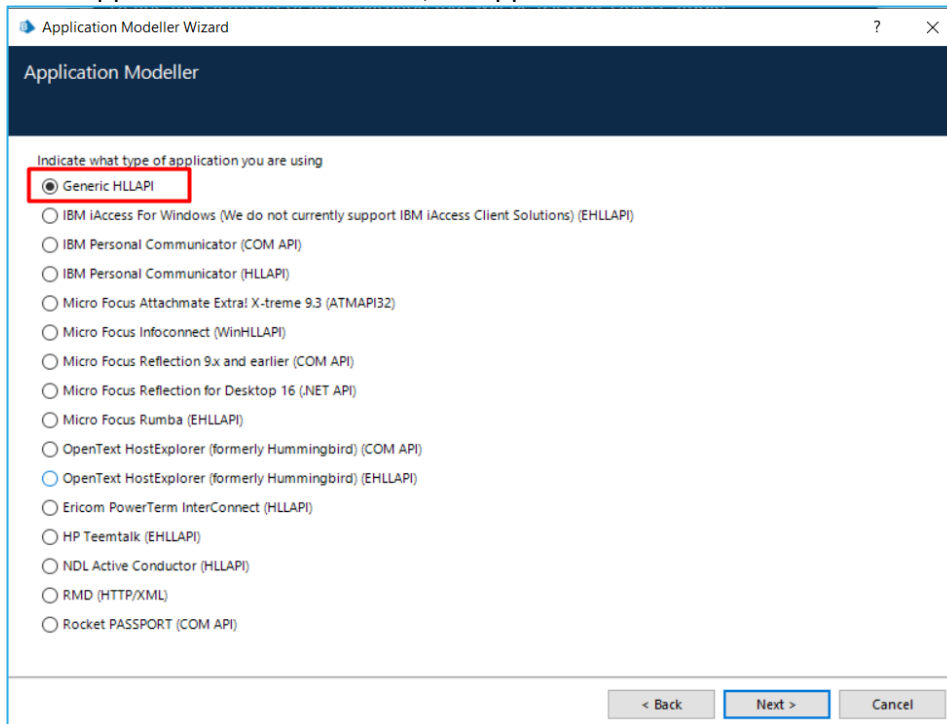


Leave the emulator screen open and connected.

If it disconnects, set the option in the session configuration to Auto Connect and Auto Reconnect

## Blue Prism Configuration

1. In the Application Modeller wizard, set Application Modeller to use **Generic HLLAPI**.



Application Modeller Wizard

Application Modeller

Indicate what type of application you are using

☒ Generic HLLAPI

☐ IBM iAccess For Windows (We do not currently support IBM iAccess Client Solutions) (EHLLAPI)

☐ IBM Personal Communicator (COM API)

☐ IBM Personal Communicator (HLLAPI)

☐ Micro Focus Attachmate Extra! X-treme 9.3 (ATMAPI32)

☐ Micro Focus Infoconnect (WinHLLAPI)

☐ Micro Focus Reflection 9.x and earlier (COM API)

☐ Micro Focus Reflection for Desktop 16 (.NET API)

☐ Micro Focus Rumba (EHLLAPI)

☐ OpenText HostExplorer (formerly Hummingbird) (COM API)

☐ OpenText HostExplorer (formerly Hummingbird) (EHLLAPI)

☐ Ericom PowerTerm InterConnect (HLLAPI)

☐ HP Teemtalk (EHLLAPI)

☐ NDL Active Conductor (HLLAPI)

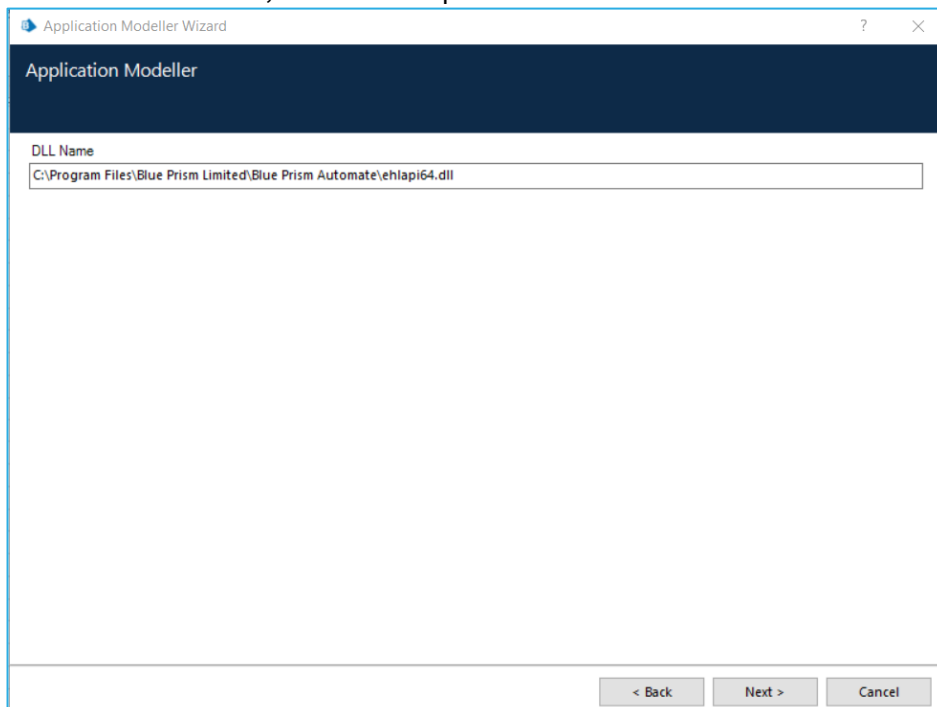
☐ RMD (HTTP/XML)

☐ Rocket PASSPORT (COM API)

< Back Next > Cancel

Click **Next** to display the second page of the Application Modeller wizard is displayed.

2. In the DLL Name field, enter the full path to the BlueZone EHLAPI32.DLL file.



Application Modeller Wizard

Application Modeller

DLL Name

C:\Program Files\Blue Prism Limited\Blue Prism Automate\ehlapi64.dll

< Back Next > Cancel

**Tip:** To get this to work, try copying the “ehlapi64.dll” from the BlueZone installation directory into the Blue Prism installation directory.

3. Click **Next** to display the third page of the Application Modeller wizard is displayed.



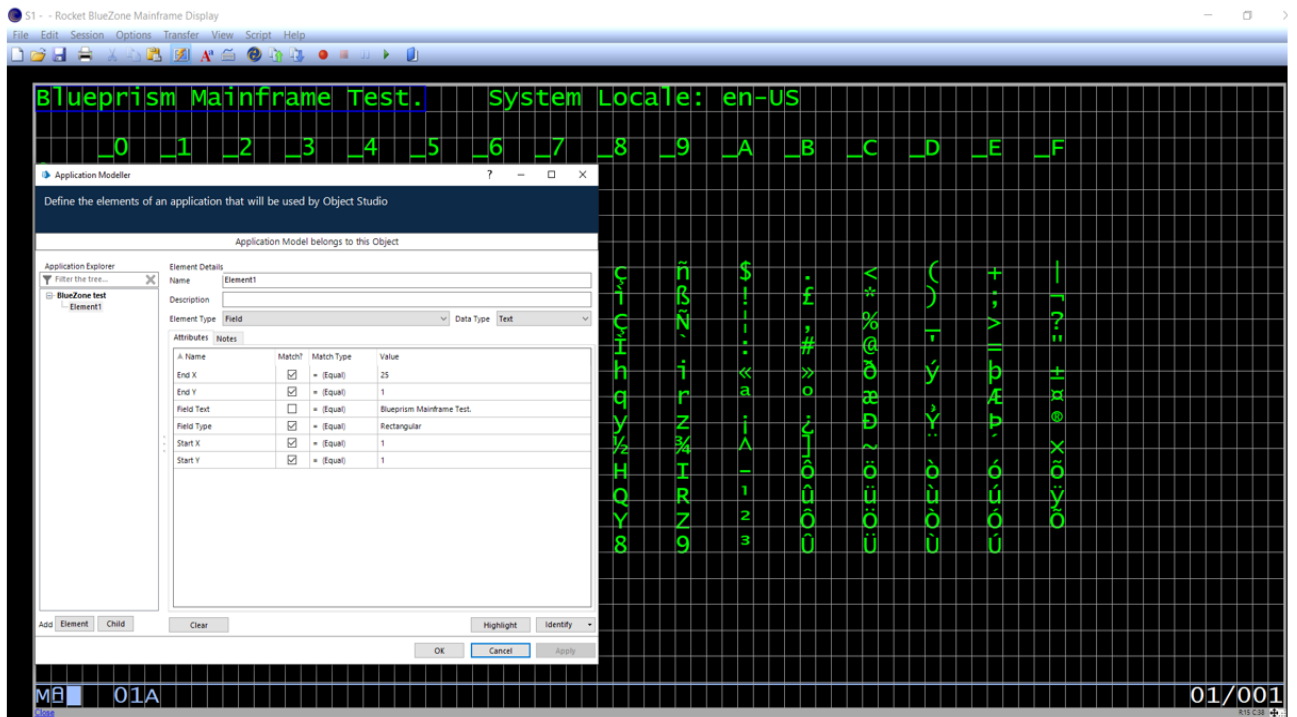
The screenshot shows the 'Application Modeller' window with the title 'Define the elements of an application that will be used by Object Studio'. The 'Application Explorer' on the left shows a tree with 'BlueZone test' and 'Element1'. The main configuration area on the right has the following fields:

- Application Name:** BlueZone test
- API Code Page:** Western European (Windows) [1252]
- DLL Name:** C:\Program Files\Blue Prism Limited\Blue Prism Automate\ehlapl64.dll (highlighted with a red box)
- DLL Entry Point:** hllapi
- Calling Convention:** Windows API
- Session Type:** Standard
- Session Identifier:** A
- Select the Application Manager mode:** External, 64 bit mode (highlighted with a red box)

Below these fields is a section for 'Provide the time that the object will wait for the application to respond before throwing an exception' with input boxes for Days, Hours, Mins, and Secs. At the bottom are buttons for 'Add', 'Element', 'Child', 'Launch', 'Diagnostics', 'Application Wizard', 'OK', 'Cancel', and 'Apply'.

4. Ensure the above fields are set as follows:

- Entry Point: **hllapi**
- Calling Convention: **Windows API**
- Session Identifier: **A**
- Select Application Manager mode: This can be either **Embedded** (matching the BlueZone emulator to the operating system), or **External, 64-bit mode** (to force the use of 64-bit software, for example).



**Note:** When pressing “Launch” in the Application Modeller, beware that you are actually attaching to the emulator.