Flexxbotics Basic Package Bundle

Windows - Installation Guide

This archive contains a preconfigured Docker setup for running the Flexxbotics Basic Package environment locally.

Contents

What Does the Bundle Include?

- Flexxbotics.exe - runs the Flexxbotics software
- Install Flexxbotics.exe - runs the install & setup for the Flexxbotics software
- Flexxbotics/ — Configuration, scripts, transformers, and supporting files
- Flexxbotics/Licenses/ - Copy of the End User License Agreement (EULA)

Prerequisites

Windows

- Windows 10 or higher (x86-64 architecture)
- Docker Desktop installed and running (Windows x86) - https://docs.docker.com/desktop/setup/install/windows-install/

Windows Setup

1. Extract the zip to a folder, e.g. `C:\Flexxbotics\`.

2. Install the Flexxbotics Environment: **Run Flexxbotics_Installer.exe**. The installer will:

- Configure required local settings
- Install certificates
- Verify Docker Desktop
- Launch the FlexxCore services

Follow the on-screen instructions until installation is complete.

3. Navigate to http://flexxedge.app.local

4. Fill in the information to request a license key then click submit.

5. License key will be emailed to the email address provided.

6. Enter the license key to activate the license.

After setup you can access Flexxbotics software at:

FlexxEdge: http://flexxedge.app.local – The automation HMI used as the primary day to day interface for automation at a workcell

FlexxControl: https://flexxcontrol.app.local – The automation recipe and configuration manager for all Flexxbotics controlled workcells

FlexxCore API Interface: http://flexxcore.app.local:7081/api – The API interface used to test & debug transformers within FlexxCore

Security note: Installing custom certificates into your system's **Trusted Root** store means your system will trust sites using these certificates. These are intended only for the local `.app.local` domains used by Flexxbotics. Do not reuse these certificates for other purposes.

Starting / Stopping / Updating Flexxbotics Software

Starting Flexxbotics Software

Run Flexxbotics.exe to start or restart the Flexxbotics software environment. This will restart Docker services and automatically open:

FlexxEdge: http://flexxedge.app.local

FlexxControl: https://flexxcontrol.app.local

Stopping Flexxbotics Software

Option 1- Enter command line:

- *cd YOUR_FLEXXBOTICS_PACKAGE_LOCATION/Flexxbotics/Docker*
- *docker compose down*

Option 2 - Open Docker Desktop:

- Find the Flexxbotics containers.
- Click the Stop button in Docker.

Update Flexxbotics Software

- Navigate to *YOUR_FLEXXBOTICS_PACKAGE_LOCATION/Flexxbotics/Docker*
- Update docker-compose.yml containers to the version to pull
- Start the Flexxbotics software

Common Troubleshooting

For errors on installation and launch of the software, try the following troubleshooting steps:

- Ensure Docker Desktop is installed and running. In the installation screen you will likely see **docker is not found** if Docker is not installed and running.
- If pages do not load immediately, wait 15-20 seconds, clear cache, and perform a hard reload by:
  - Right clicking in the browser
  - Click inspect
  - Right clicking on the refresh icon in the browser
  - Click **Empty cache and hard reload**.
- Confirm no services are blocking the required ports to run the software (80, 81, 443, 5000, 7081, 7082)
  - NOTE: These ports can be changed by editing the *docker_compose.yml* file inside the Docker/ folder in the bundle.