

# Step-by-Step Instructions for Creating Your .EXE Installer

## What You Have

Looking at your App\_3.6 folder, you have these files:

- ICON.ico (application icon)
- main\_enhanced.py (main application)
- package\_app\_enhanced.py (packaging script)
- pdf\_generator\_reportlab.py (PDF generator)
- security.py (security module)
- validation.py (validation module)

## What You Need to Add

I'm providing you with these additional files:

- requirements.txt (Python dependencies)
- Magnus\_Client\_Intake\_Form.spec (PyInstaller configuration)
- magnus\_installer.nsi (NSIS installer script)

## Step 1: Install Required Software

### Install Python Dependencies

Open Command Prompt in your App\_3.6 folder and run:

```
pip install PyQt6 reportlab cryptography pyinstaller
```

### Install NSIS (for professional installer)

1. Download NSIS from: <https://nsis.sourceforge.io/Download>
2. Install NSIS with default settings
3. Add NSIS to your PATH (usually: C:\Program Files (x86)\NSIS)

## Step 2: Create the .EXE File

### Method 1: Using the Spec File (Recommended)

1. Open Command Prompt in your App\_3.6 folder
2. Run this command:

```
pyinstaller Magnus_Client_Intake_Form.spec
```

### Method 2: Simple Command Line

If the spec file doesn't work, try:

```
pyinstaller --onefile --windowed --icon=ICON.ico --  
name="Magnus_Client_Intake_Form" main_enhanced.py
```

## Step 3: Test Your .EXE

1. After PyInstaller finishes, you'll find your .exe in the `dist` folder
2. Navigate to: `App_3.6\dist\Magnus_Client_Intake_Form.exe`
3. Double-click to test it works correctly

## Step 4: Create Professional Installer

### Using NSIS

1. Open Command Prompt in your App\_3.6 folder
2. Run this command:

```
makensis magnus_installer.nsi
```

1. This creates: `Magnus_Client_Intake_Form_Installer.exe`

## Troubleshooting

### If PyInstaller Fails:

- Make sure all Python packages are installed

- Try running as Administrator
- Check that all .py files are in the same folder

## If NSIS Fails:

- Make sure NSIS is installed and in PATH
- Check that the dist folder exists with your .exe file
- Run Command Prompt as Administrator

## If .EXE Doesn't Work:

- Test on a computer without Python installed
- Check Windows Defender/Antivirus isn't blocking it
- Make sure all files are in the same directory

## Final File Structure

After completion, you should have:

```
App_3.6/
|—— ICON.ico
|—— main_enhanced.py
|—— validation.py
|—— security.py
|—— pdf_generator_reportlab.py
|—— package_app_enhanced.py
|—— requirements.txt
|—— Magnus_Client_Intake_Form.spec
|—— magnus_installer.nsi
|—— build/ (created by PyInstaller)
|—— dist/
|   |—— Magnus_Client_Intake_Form.exe
|—— Magnus_Client_Intake_Form_Installer.exe (final installer)
```

## Quick Commands Summary

```
# 1. Install dependencies
pip install PyQt6 reportlab cryptography pyinstaller
```

```
# 2. Create .exe
pyinstaller Magnus_Client_Intake_Form.spec
```

# 3. Create installer  
makensis magnus\_installer.nsi

## What Each File Does

- **Magnus\_Client\_Intake\_Form.exe** - Your standalone application
- **Magnus\_Client\_Intake\_Form\_Installer.exe** - Professional installer that:
  - Installs the app to Program Files
  - Creates Start Menu shortcuts
  - Creates Desktop shortcut
  - Adds to Add/Remove Programs
  - Includes uninstaller

## Need Help?

If you encounter any issues:

1. Make sure you're running Command Prompt as Administrator
2. Check that all files are in the same folder
3. Verify Python and all packages are installed correctly
4. Try the simple PyInstaller command if the spec file fails