



AnalyzePro

INSTALLATION GUIDE
FOR MAC



AnalyzePro

Installation Guide: Mac

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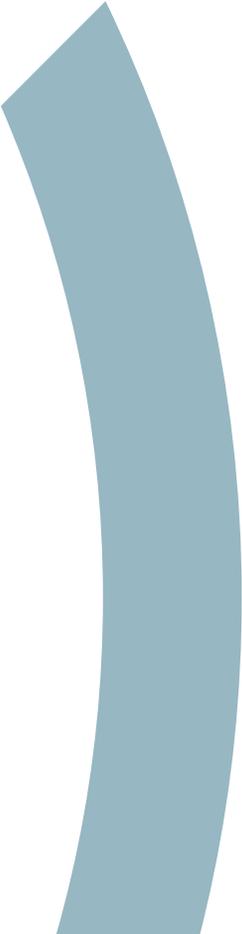
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Welcome to AnalyzePro

AnalyzePro is a robust research software for advanced biomedical imaging visualization, manipulation and measurement. It has been carefully designed to provide an intuitive and facile interface that allows full exploration of biomedical imaging data. The software features integrated modules that provide access to complementary tools for fully interactive multi-dimensional display, processing, segmentation, registration and measurement of biomedical imaging modalities including MRI, CT, PET, SPECT, ultrasound and digital microscopy. The applications of AnalyzePro are broad in scope, wide in scale and penetrating in impact.



AnalyzePro System Requirements

If you want to run AnalyzePro on your OSX system, here's what it takes:

- 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor
- 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit)
- 4 GB available hard disk space (32-bit) or 8 GB (64-bit)

Additional Requirements

- Graphics device with 24/32-bit capability
- Internet access

Multi-Core Processors

AnalyzePro is designed to work with today's multi-core processors and will automatically utilize each core.

Installing AnalyzePro

AnalyzePro Installation

Download the AnalyzePro installer from:
<http://analyzedirect.com/free-trial/>

Please download and install the latest version of XQuartz prior to installation.

To begin the installation process:

1. Open a Finder window and navigate to the Downloads folder (Figure 1).
2. Start a terminal window (Figure 2).

(Applications > Utilities > Terminal)



Figure 1

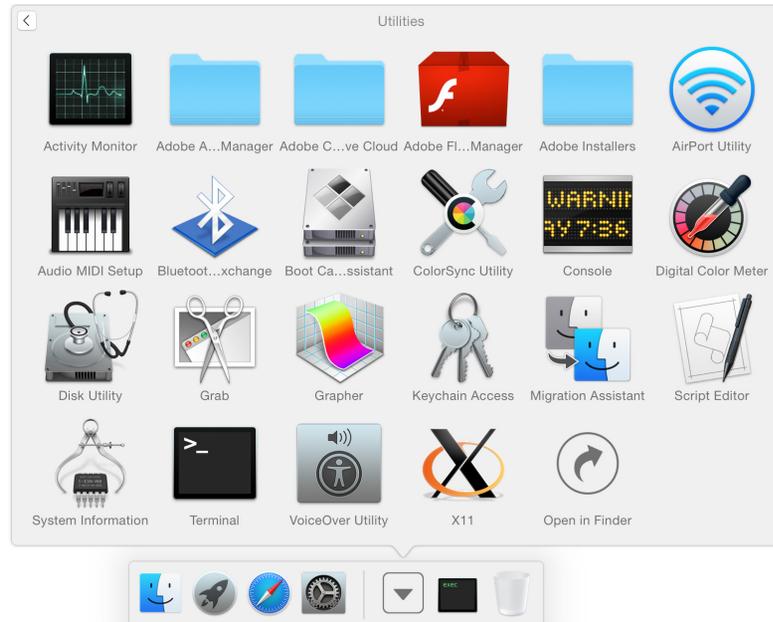


Figure 2

- In the terminal window type the command:
`chmod +x` 1

Note – make sure to include a space after the command.

- Drag the AnalyzePro Installer file from the Finder window into the terminal window and then hit Return (Figure 3).

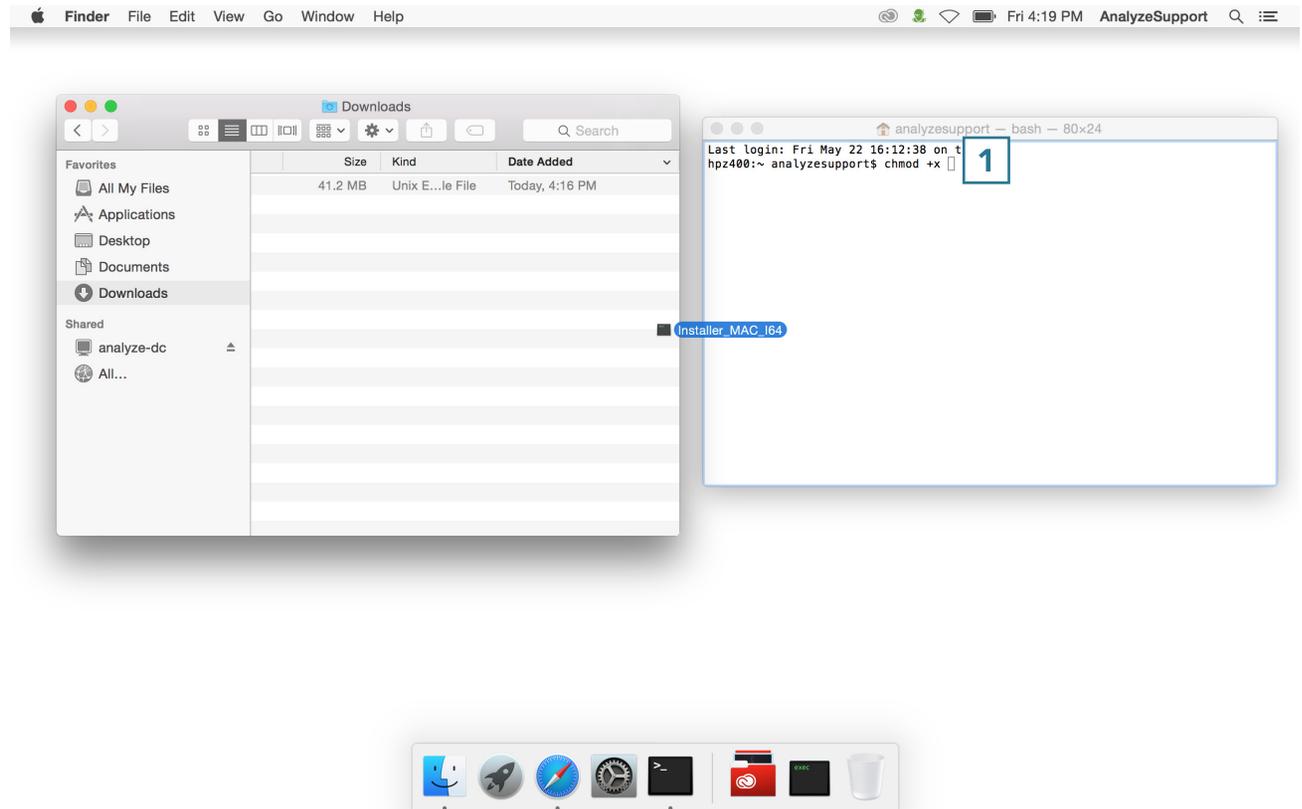


Figure 3

5. Next double click the AnalyzePro installer file within Finder and the graphical Installer opens to a 'Welcome' screen. Click Next to begin the AnalyzePro installation (Figure 4).
6. License Agreement: Please read the End-User License Agreement for AnalyzeDirect Software and select 'I accept' or 'I do not accept'. If you select 'I do not accept', AnalyzePro will not be installed (Figure 5).

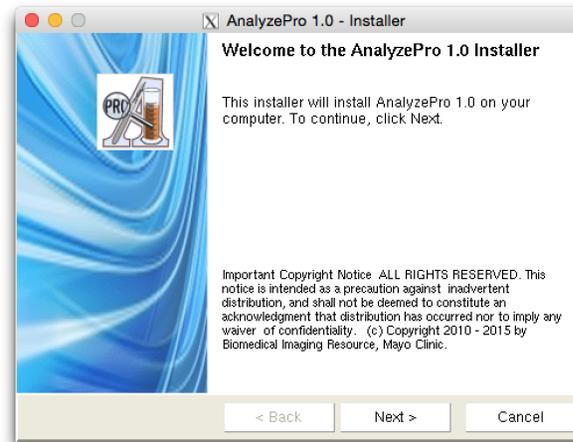


Figure 4

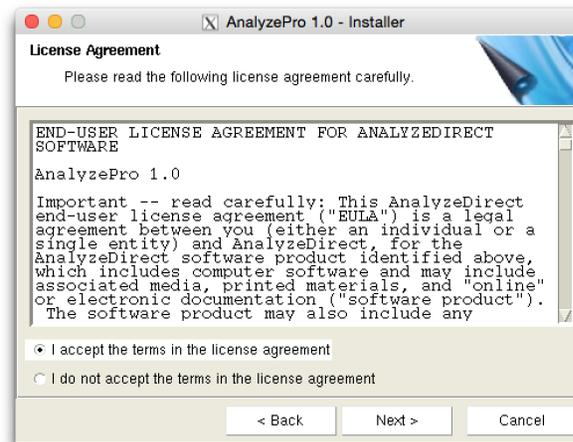


Figure 5

7. Click Next.
8. Destination Folder: The default location for installation is /Applications/BIR
It is recommended to leave this as the destination folder. Click Next (Figure 6).
9. Setup Type: You may choose from the following setup types:
 - AnalyzePro Only (Typical)
 - Customized AnalyzePro (Custom)

For most users, it is recommended to choose the AnalyzePro Only (Typical) setup type (Figure 7).

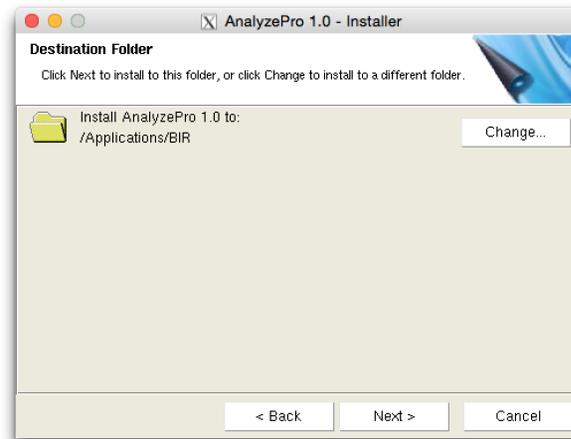


Figure 6

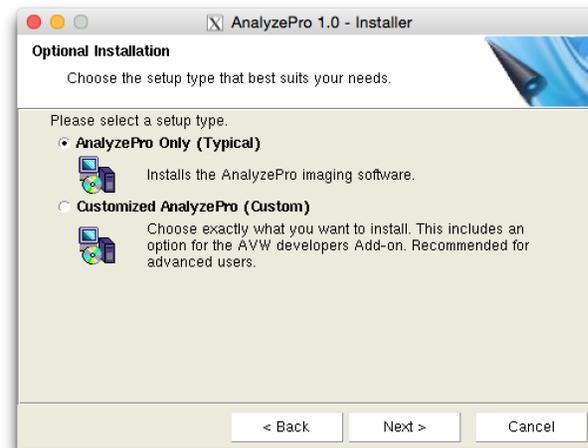


Figure 7

12. AnalyzePro will now be installed in the specified Destination Folder.
13. When the Installer notifies you that installation is complete, click Finish (Figure 8).

Note that if the Start AnalyzePro option is selected, AnalyzePro will automatically open. To request a license, please follow the instructions in the next section of this document, AnalyzePro Licenses.

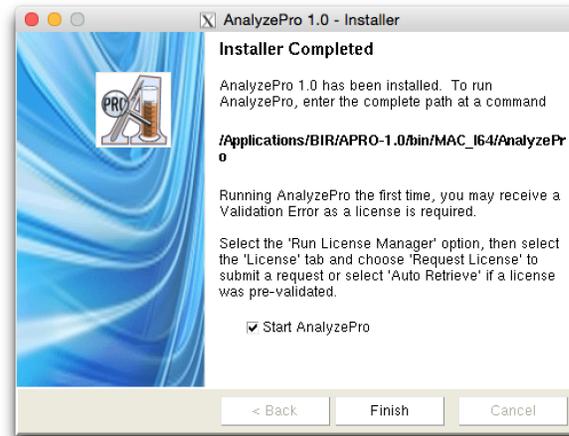


Figure 8



AnalyzePro Licenses

AnalyzePro License Types

There are two types of license available for AnalyzePro, node-locked or floating.

A node-locked license will allow AnalyzePro to be run on one system only. With a node-locked license, all license file administration is handled local to the specific system.

A floating license allows one system to act as a license server, “floating” the license across a network to a client system. Any client system with access to the license server can check out a license if one is available. Note – if only one floating license is purchased, two or more client systems cannot run Analyze simultaneously.

For information on license pricing and options, please contact sales@analyzedirect.com.

Requesting a License File

A system-specific AnalyzePro.lic license file must be installed for AnalyzePro to run. You can obtain this license file from AnalyzeDirect. In order to generate your license, we must receive two pieces of information specific to the computer:

- 1) the Host Name and
- 2) the Host ID.

The instructions below will explain how to send this information to AnalyzeDirect.

1. Open AnalyzePro by navigating to the /Applications/BIR/APRO-1.0/bin/MAC folder and double-clicking on the AnalyzePro executable.
2. If this is the first time you have opened AnalyzePro, you will need to read and accept the End User License Agreement.
3. If you do not have a valid license, an AnalyzePro Validation Error will be returned (Figure 1). Click Run License Manager. If you have a valid license, AnalyzePro will open. Right-click in the workspace and select License Manager.
4. The AnalyzePro License Manager will open to the System Info tab. Click on the License tab and select Request License (Figure 2).

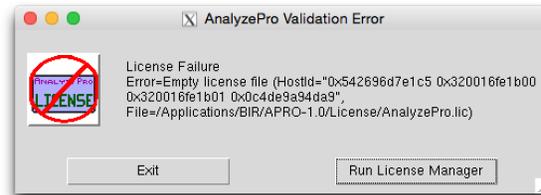


Figure 1

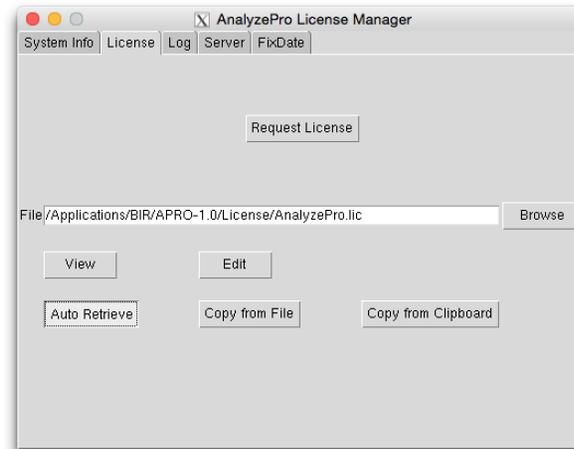


Figure 2

5. Your Host Name and ID will be automatically populated. To submit a license request, you must enter your Company, Name, Email and Phone and then click the Send Request button (Figure 3).
6. A dialog will appear once your license request is submitted (Figure 4). If you are unable to submit a request, please send the information in the license request form, along with operating system type (Mac) to: validate@analyzedirect.com
7. Once AnalyzeDirect receives your system information, a license will be generated, and you will be notified via e-mail. To retrieve and install your license follow the instructions in that email or refer to the instructions for your license type (node-locked or floating) in the next section of this document.

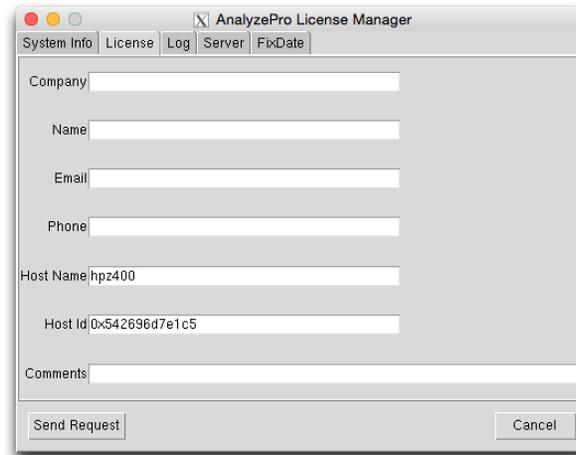


Figure 3



Figure 4

AnalyzePro License File Installation

Installing a Node-Locked License

Once you have been notified by AnalyzeDirect that your AnalyzePro.lic license file has been generated:

1. Open AnalyzePro by navigating to the /Applications/BIR/APRO-1.0/bin/MAC folder and double-clicking on the AnalyzePro executable.
2. If you do not have a valid license, an AnalyzePro Validation Error will be returned. Click Run License Manager. If you have a valid license, AnalyzePro will open. Right-click in the workspace and select License Manager.
3. The AnalyzePro License Manager will open. Click on the License tab (Figure 1).
4. Click the Auto Retrieve button. A window will be returned telling you that your license file has been retrieved successfully (Figure 2).

Note: If license retrieval is unsuccessful, please contact AnalyzeDirect at:
validate@analyzedirect.com or
+1 913-338-2527

5. No further configuration is needed for a node-locked license on an OSX system.

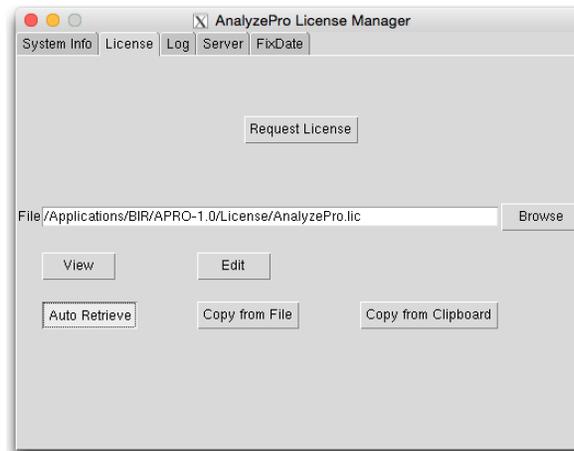


Figure 1

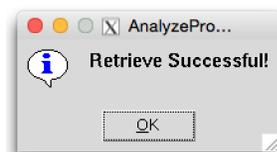


Figure 2

Installing a Floating License Server

Once you have been notified by AnalyzeDirect that your AnalyzePro.lic license file has been generated:

1. Ensure that you are logged into Mac OSX as an administrator user and that you know the user account password.
2. Then, open a Terminal window (Applications > Utilities > Terminal) and issue the following command in the Terminal window:
`sudo /Applications/BIR/APRO-1.0/bin/MAC_I64/BIRlicTool`

Note – if you are running on a 32-bit system the correct command is: `sudo /Applications/BIR/APRO-1.0/bin/MAC_I32/BIRlicTool`

3. You will be prompted for a password. Enter the password for your Mac user account (the screen will remain blank as you type) and hit <Return>.
4. The License Manager will open. Select the License tab.
5. Click the Auto Retrieve button (Figure 1).
6. Once your license file has been retrieved, a dialog will be returned stating “Retrieve Successful” (Figure 2).

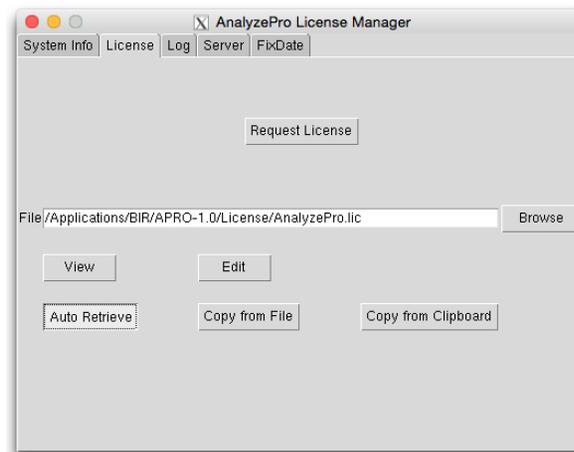


Figure 1

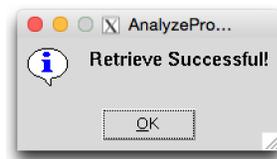


Figure 2

7. Before any client systems can checkout the floating license, the license server process must be started on the server system. To do this, select the Server tab (Figure 3).
8. To configure your system to start the license server process automatically at startup, click the Install Bootscript **1** button. Click Yes when asked if you would like to install the bootscript for automatic license server startup on this system.
9. Once the bootscript has been installed, a notification window will appear. Click OK.
10. To start the license server process without a system reboot, click Run Bootscript. **2** Click Yes when asked if you would like to start the bootscript.
11. Once the bootscript has been started, a notification window will appear. Click OK.
12. To configure client systems, please continue to the next page. Exiting the AnalyzePro License Manager will automatically start AnalyzePro.

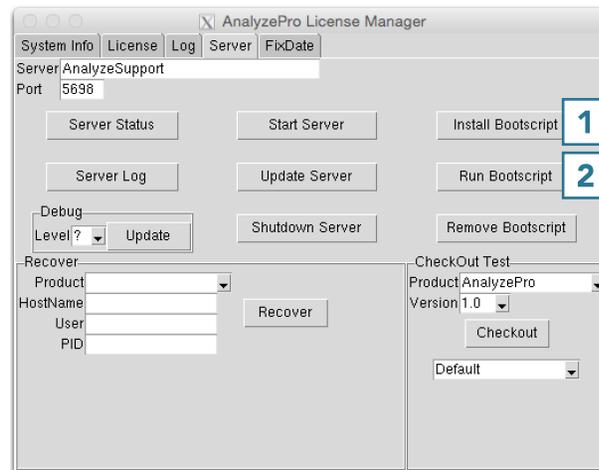


Figure 3

Installing a Floating License Client

1. Open AnalyzePro by navigating to the /Applications/BIR/APRO-1.0/bin/MAC folder and double-clicking on the AnalyzePro executable.
2. If you do not have a valid license, an AnalyzePro Validation Error will be returned. Click Run License Manager. If you have a valid license, AnalyzePro will open. Right-click in the workspace and select License Manager.
3. The AnalyzePro License Manager will open. Click on the License tab (Figure 1).
4. Click the Auto Retrieve button.
5. A dialog will be returned telling you that the server does not match the server listed, click Yes to confirm that this is a floating license client (Figure 2).

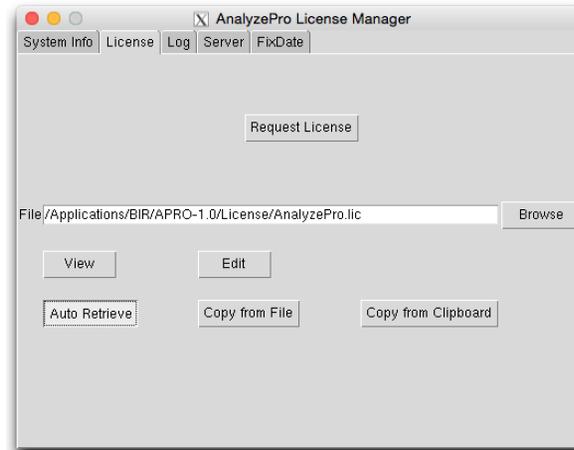


Figure 1

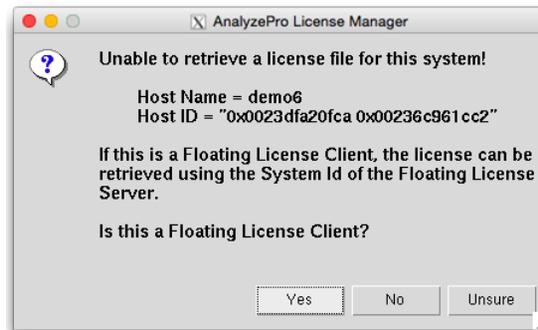


Figure 2

6. In the window returned, enter the Host ID from the floating license server system and then click Retrieve.
7. No additional configuration is necessary on client systems. You do not start the license server process on client systems. Close the AnalyzePro License Manager, AnalyzePro will automatically start.

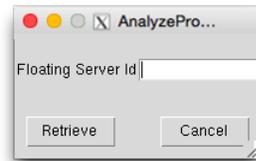


Figure 1

If at any point you encounter difficulties getting your floating license server or client systems up and running, please contact: support@analyzedirect.com.



Running AnalyzePro

Once you have installed AnalyzePro and your AnalyzePro.lic license, you are ready to run the program.

To open AnalyzePro, go to your Applications/BIR/APRO-1.0/bin/MAC folder and double-click on the AnalyzePro executable.

Add AnalyzePro to your Dock

To create a shortcut to AnalyzePro on your Dock, drag the AnalyzePro executable file from the /Applications/BIR/bin directory and drop it on the right-hand side of the Dock divider (the same side as the Trash Can).

AnalyzePro Patch Updates

As with most software products, the process of bug fixing and minor maintenance between versions is an ongoing process. AnalyzePro has all such fixes available in the form of a patch. Patches can be automatically downloaded and installed by right-clicking in the AnalyzePro workspace and selecting the AnalyzePro Update option. If a new patch is detected the program will provide the option to download and automatically install the patch. It is recommended that you check for new patch updates the first time you run AnalyzePro and then once each month.

AnalyzePro User's Guide

To quickly get up and running with AnalyzePro please refer to the AnalyzePro User's Guide. The User's Guide can be accessed from <http://analyzedirect.com/analyzepro-support/>

Getting Help

If you need assistance getting up and running with AnalyzePro, or if you need help using the software, please contact the AnalyzePro support team.

- Call: +1 (913) 338-2527
- Email: support@analyzedirect.com
- Online: <http://analyzedirect.com/support-request/>