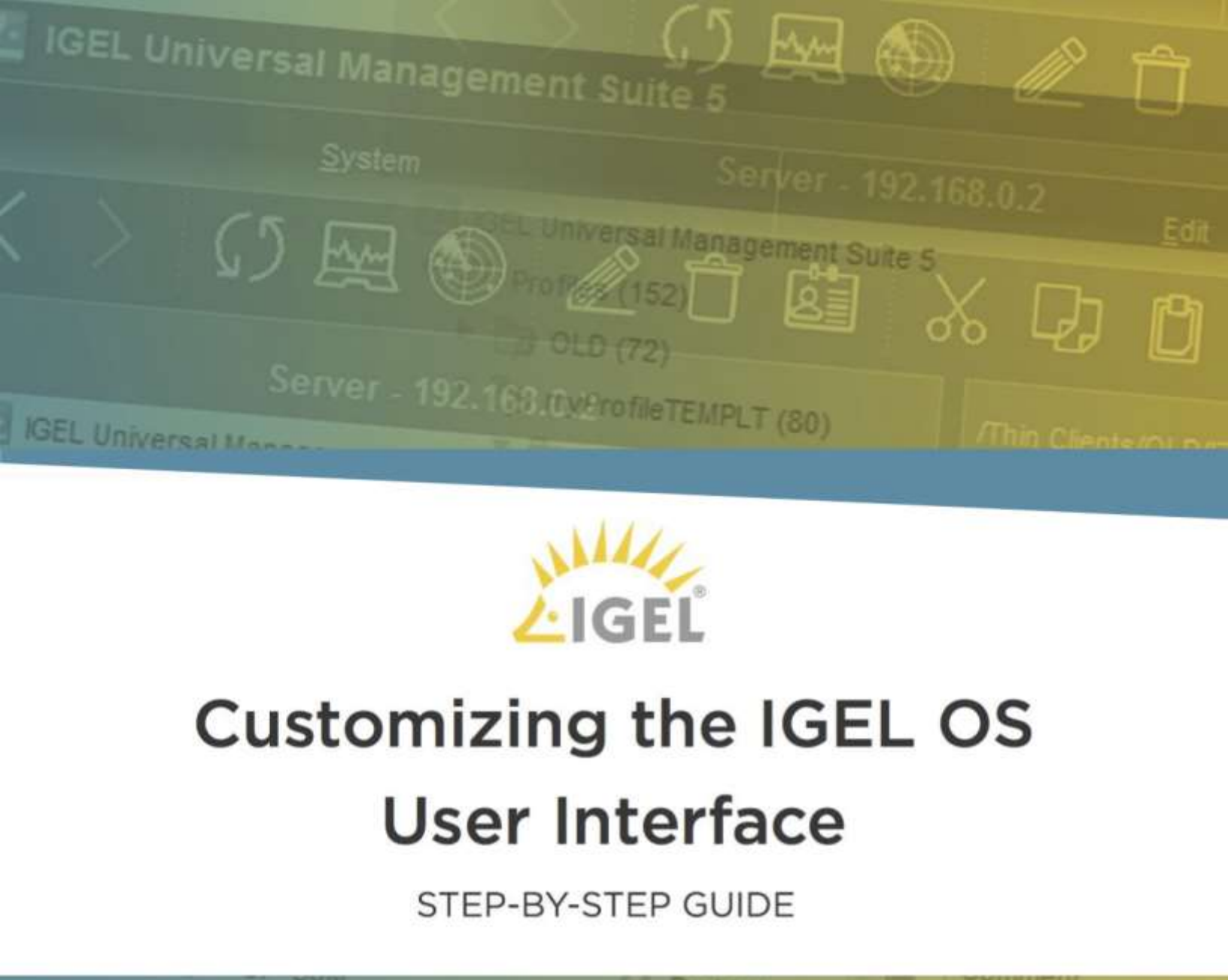


Customizing the IGEL OS User Interface

STEP-BY-STEP GUIDE

www.igelcommunity.com

NOTICE

Written and Maintained by Douglas A. Brown - brown@igel.com

Copyright

Trademarks

Disclaimer

IGEL Endpoint Management. Designed in Germany, Made from Genius!

The above legalese aside, this is a product of the IGEL Community. Please feel free to do with it as you choose; share it, contribute to it, and use it! However, please do not Sauté it!

Changelog

This project is a work in progress. Below is the list of changes added in each version:

Date	Version	Description of Changes
4/24/2018	1.0	▪ First version
9/17/2018	1.1	▪ Updated eDocs links to new kb.igel.com site.

Table of Contents

1. Customizing the IGEL OS Look and Feel

Steve Jobs once said that Apple is like a Porsche and that everyone wants to buy and drive a Porsche, but a 10-year-old used Chevy gets you from point A to point B in the same legal amount of time. Design matters.

IGEL agrees! Design does matter, but unlike the amazing designs Apple has given us, IGEL believes that beauty is in the eye of the beholder and IT should have the flexibility and control to design their user's experience the way they see fit. With the UMS and IGEL OS, you have that ability, as almost everything a user sees can be customized.

The following is just an example of what can be done, the before and after picture tells the story.

Of course, when using the IGEL OS, you can customize almost every little setting, but that is way too much to try to explain so we decided to walk you through the basics and then point you toward the other configurations to try on your own. This is just a start. As we said, you can do so much so have fun, play around, and design something your users will truly love!

> The Process of customizing the IGEL OS is performed using UMS Profiles and Firmware Customizations. You might find overlap as a customization might be found in both a profile and firmware customization. In this document, we have tried to use the easiest and most verbose method possible. Though, this is up to you!
>
> To learn the finer details on Firmware Customization, please refer to **https://kb.igel.com/endpointmgmt/en/firmware-customization-910517.html**.

This chapter is broken down into the following eight sections, when finished you will have given your users a custom, branded, and beautiful experience of their own! Even better than Apple!

- How to Customize the Start Button
- How to Customize the Start Menu Icon
- How to Customize the Desktop Wallpaper
- How to Customize the UI Theme Colors
- How to Customize the Screensaver
- How to Customize the Bootsplash Image
- How to Customize Session Icons
- How to Lockdown the IGEL OS

> The images, icons, profiles and firmware customization created in this document can be found in the **Customizing-the-IGEL-OS-UI.zip**, as detailed in the **IGEL-Getting-Started-Guide.zip Files Explained** Appendix section. To learn how to import the customization, please refer to the **How to Import Project Customizations** also found in the Appendix

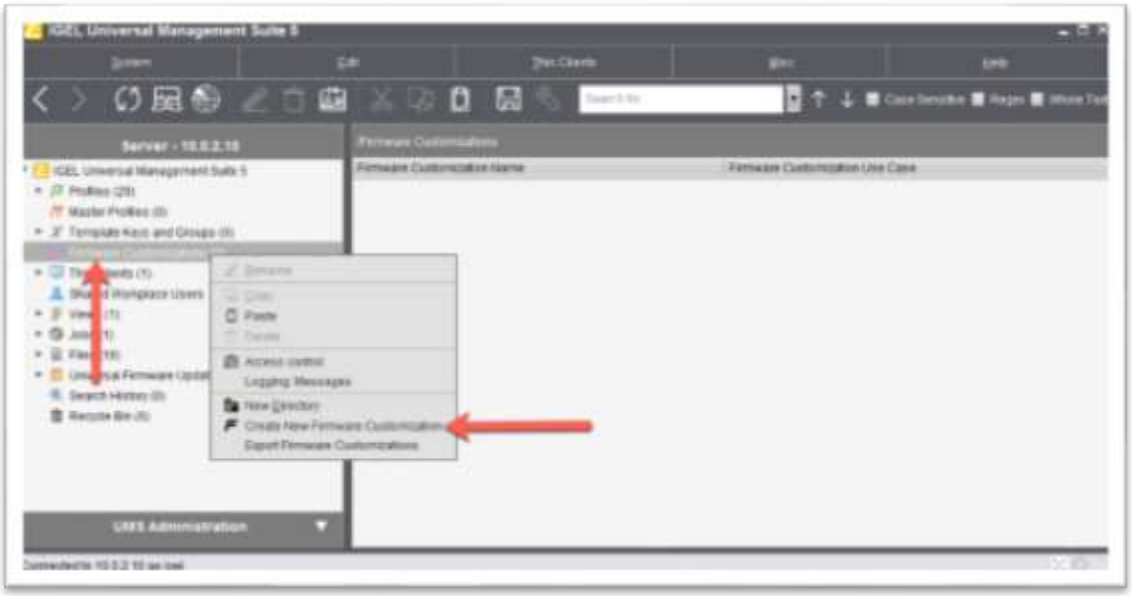
2. How to Customize the Start Button

The first step in your quest to make the IGEL OS truly yours is to customize the Start button's icon. By default, IGEL uses the nose of the IGEL Hedgehog logo and who does not love a hedgehog, but this is up to you.

By default, the start menu icon is as shown below:

The following defines how to customize the start button with your company logo or an icon of your choosing:

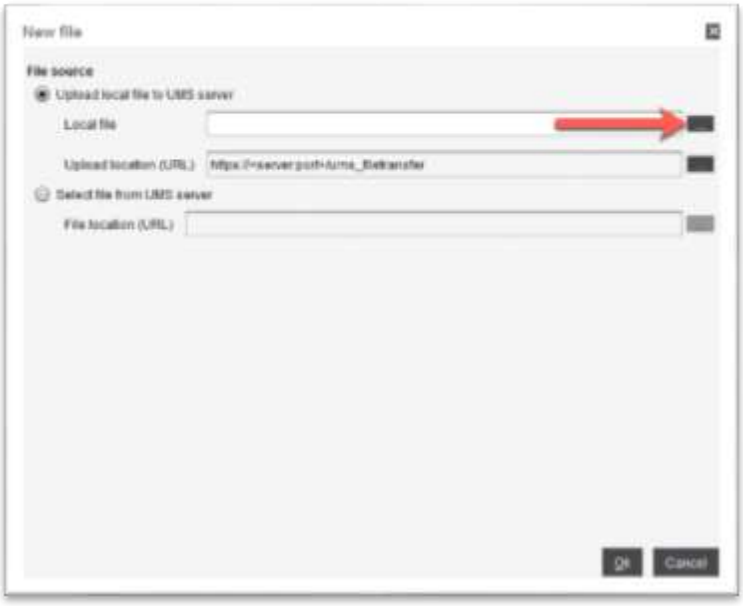
1. From the UMS, right-click the **Firmware Customizations** link in the left menu and click to select the **Create New Firmware Customization** link.



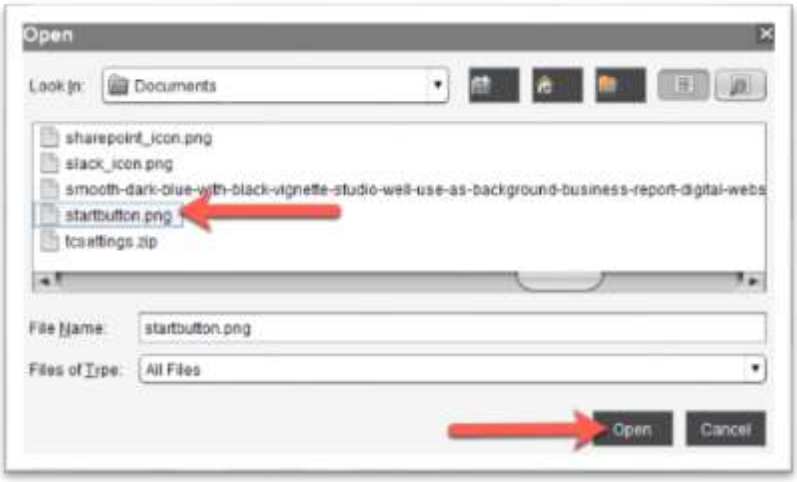
2. The **Firmware Customization Details** wizard opens. Enter a detailed name in the **Name** text box and then click to open the **Use case** combo box. You will notice the different types of firmware customizations you can configure. Click to select the **Start button** link.

3. You are required to select the image you wish to use for the start button. You have two choices, to choose a file you have already uploaded or upload a new file now. Since this is our first customization, you will upload the image. Click the **Update file** button to continue.

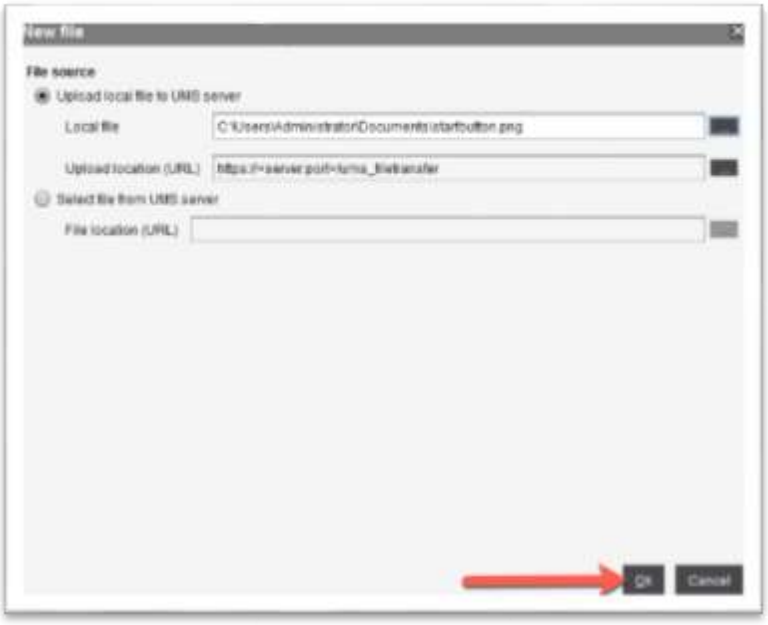
4. The **New File** window opens. Click the **…** button, located just to the right of the **Local File** text box to continue.



5. The **Open** window appears prompting you to select the file you wish to upload. Find the file, highlight it and click the **Open** button to continue.



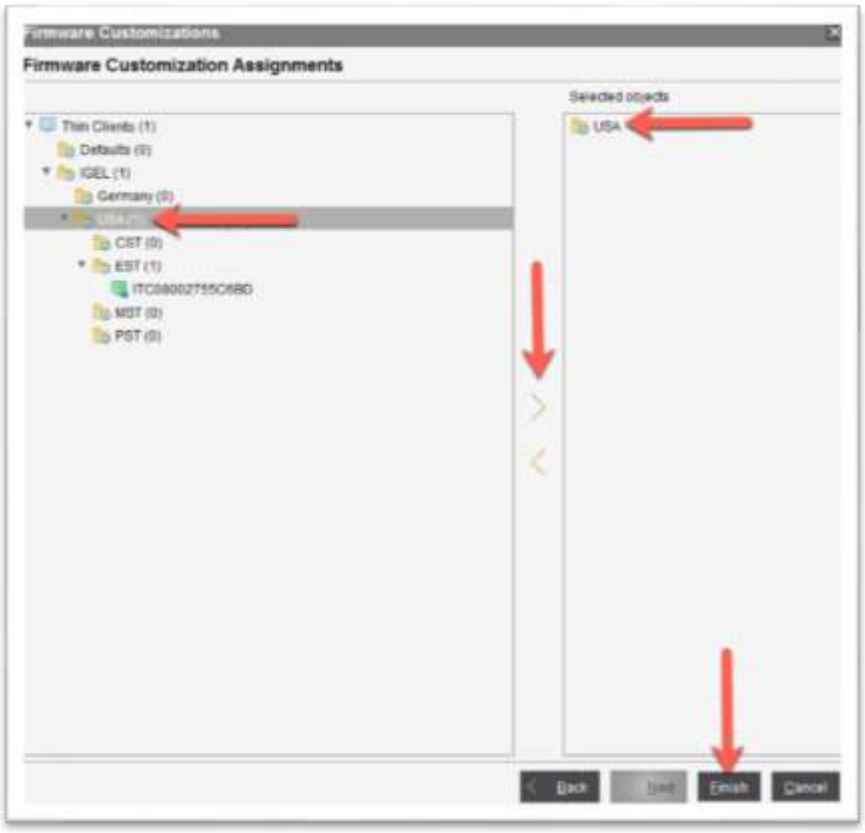
6. You are brought back to the **New file** window. Verify the correct file was uploaded and click the **OK** button to continue.



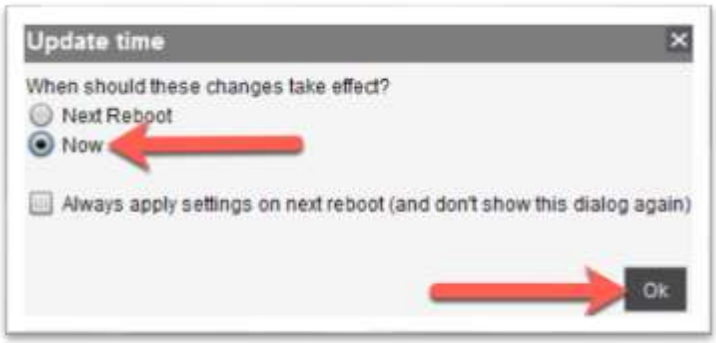
7. The new file will appear in the image text box. Click the **Next** button to continue.

8. The **Firmware Customization Assignments** window opens prompting you to assign the firmware customization to the desired devices. A firmware customization can be assigned to a thin client or a directory. Firmware customizations take priority over profiles and are overridden by master profiles.

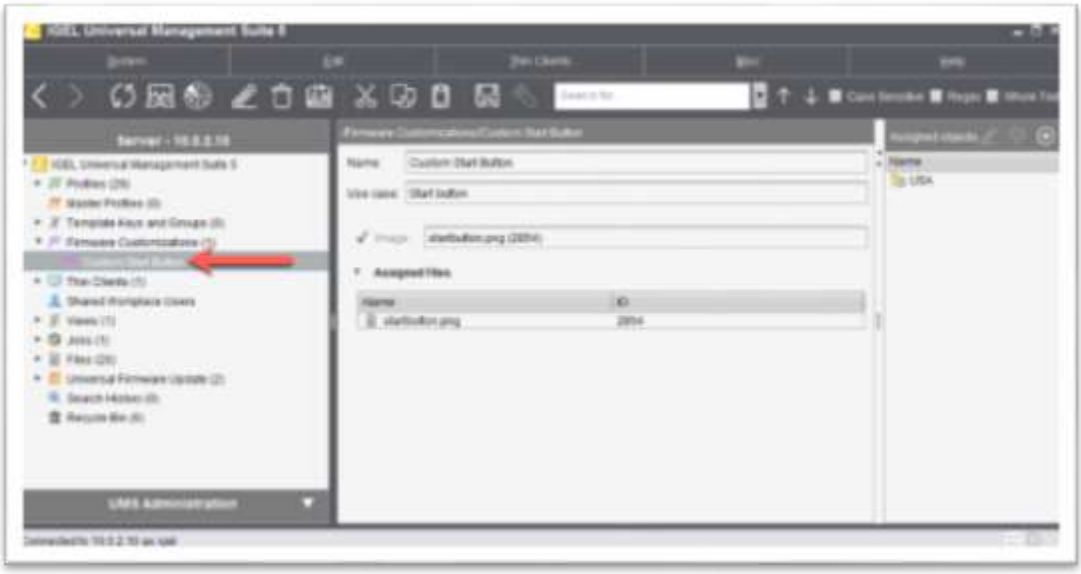
   Click to select the device(s) or directories you wish to assign the firmware customization to and click the > arrow to move it to the **Selected objects** pane. Once finished, click the **Finish** button to assign your new firmware customization



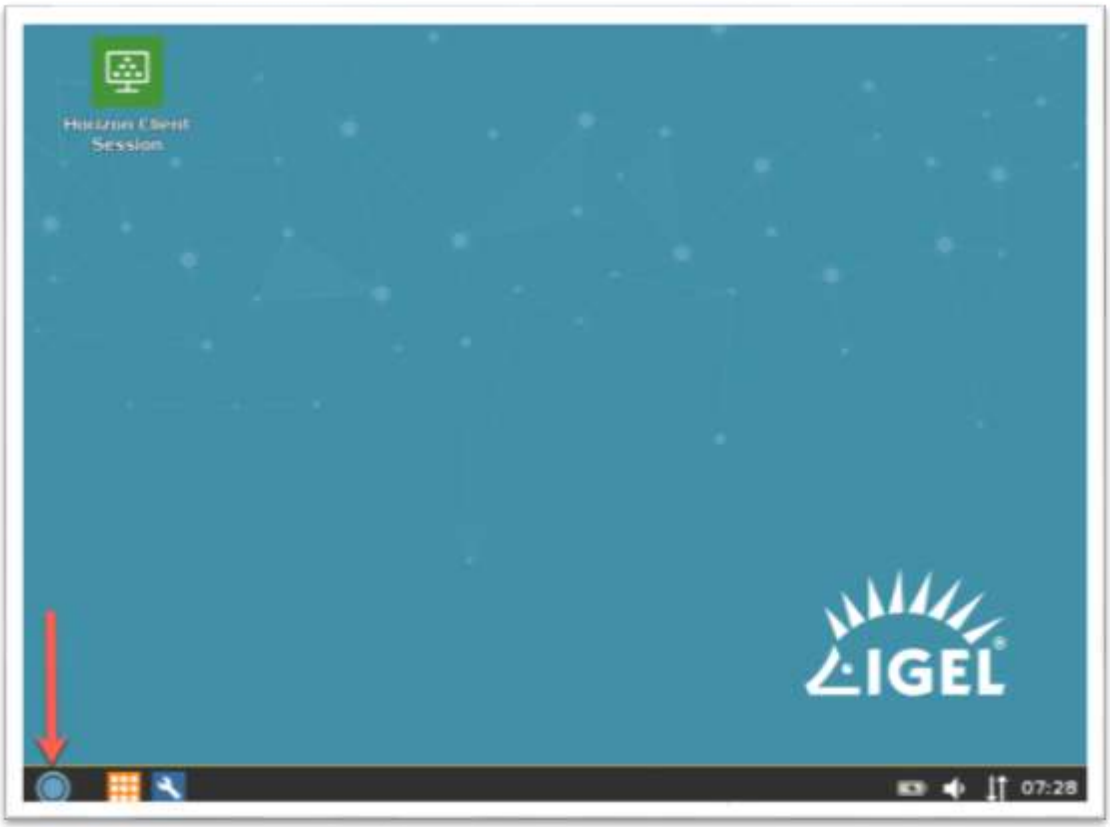
9. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



10. The firmware customization window is closed, and you are brought back to the UMS where you will see your new firmware customization listed.



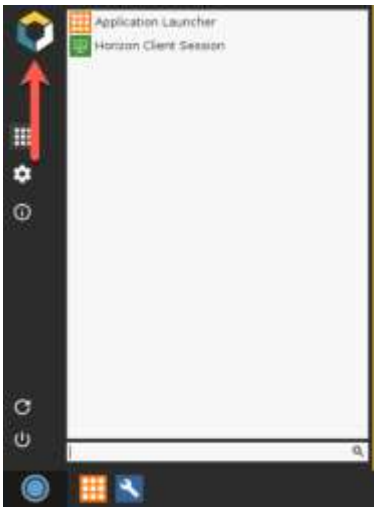
11. If you look at a managed device, you will notice the new icon has been added! Starting to look good but a few more steps to go!



3. How to Customize the Start Menu Icon

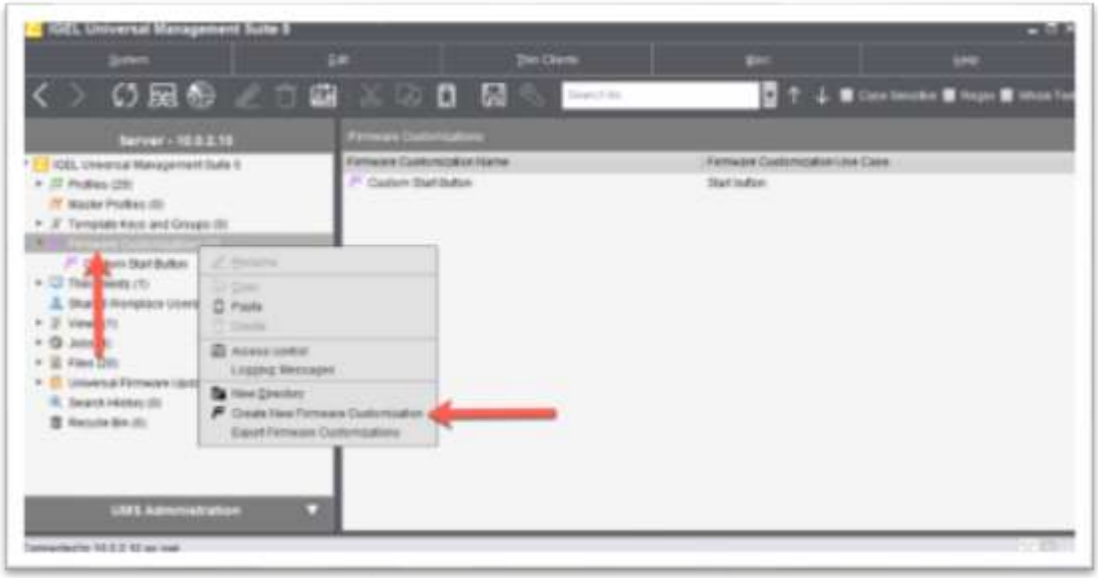
As we said, with the IGEL OS, you can customize about everything. The next item you will configure is the Start Menu icon. By default, it displays the IGEL OS Universal Desktop icon (UD), but you might want to swap it with your company logo, or possibly the IGEL Community logo, as seen below.

The following are before and after images. You will notice the beautiful IGEL Community logo has replaced the default IGEL UD image.



The following defines how to customize the start menu's icon:

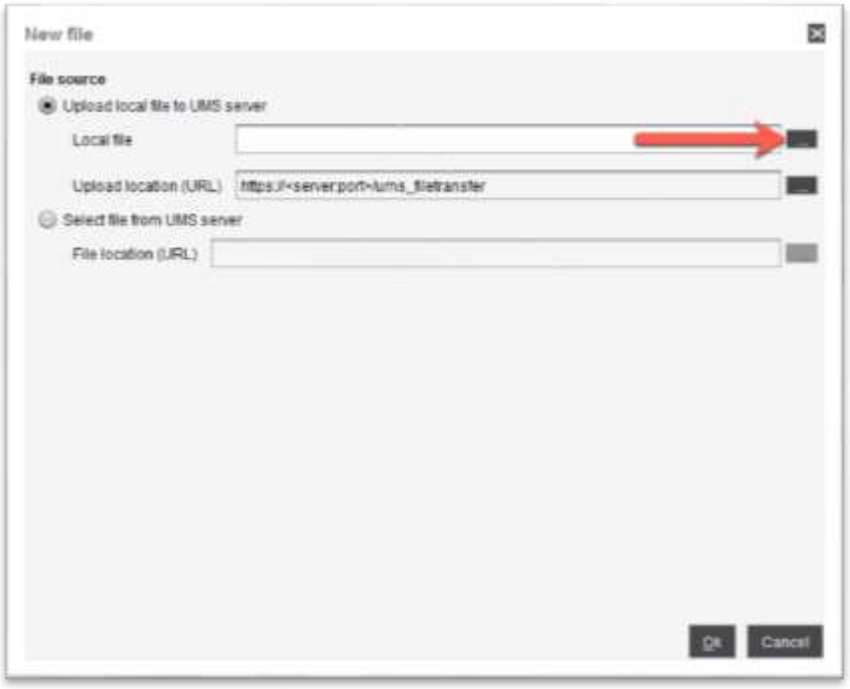
1. From the UMS, right-click the **Firmware Customizations** link in the left menu and click to select the **Create New Firmware Customization** link.



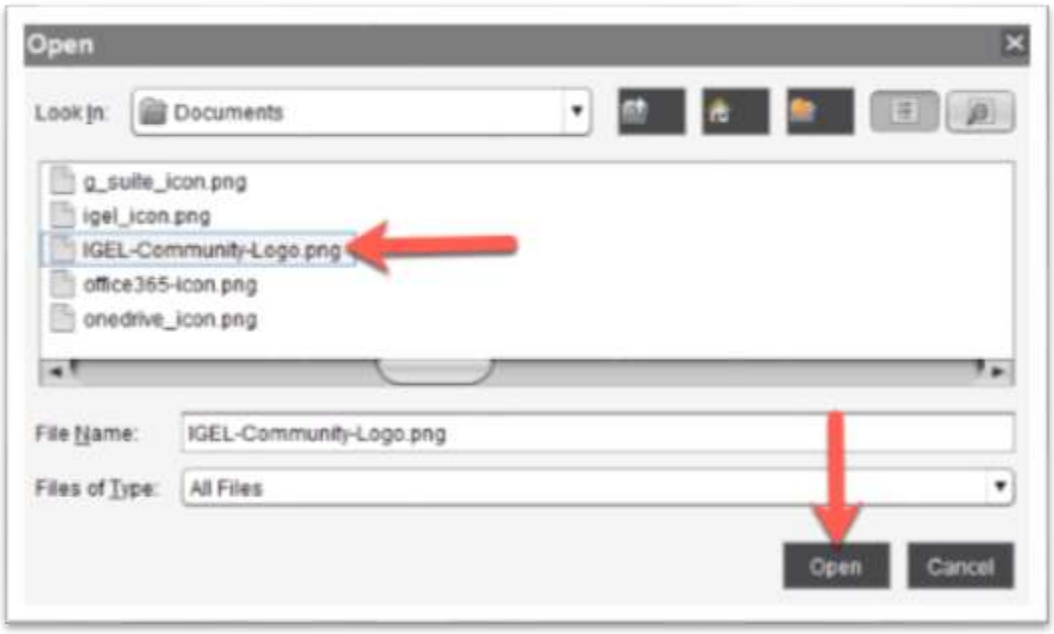
2. The **Firmware Customization Details** wizard opens. Enter a detailed name in the **Name** text box and then click to open the **Use case** combo box. Click to select the **Start Menu** link.

3. Next, you will select the image you wish to use for the start button. You have two choices, to choose a file you have already uploaded or upload a new file now. Click the **Update file** button to continue.

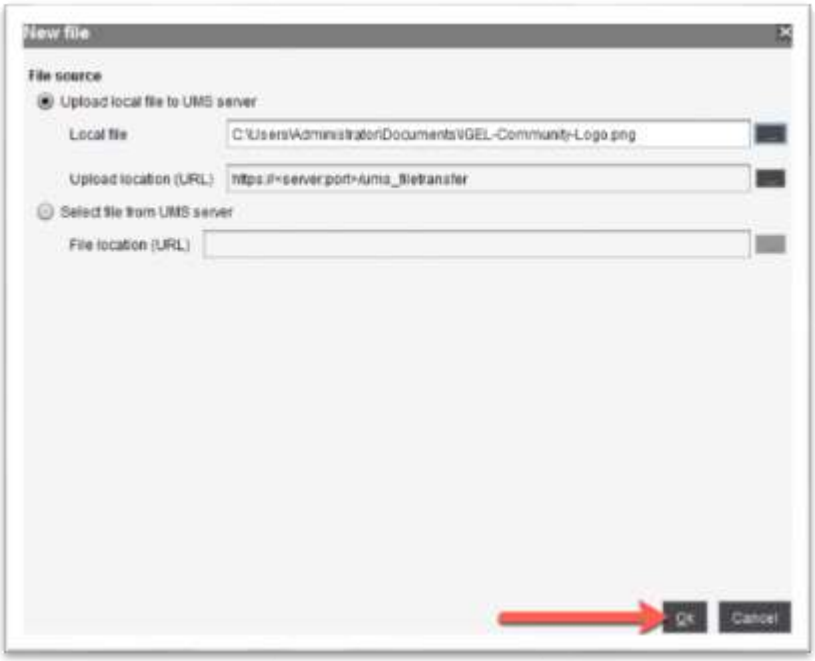
4. The **New File** window opens. Click the **…** button, located just to the right of the **Local File** text box to continue.



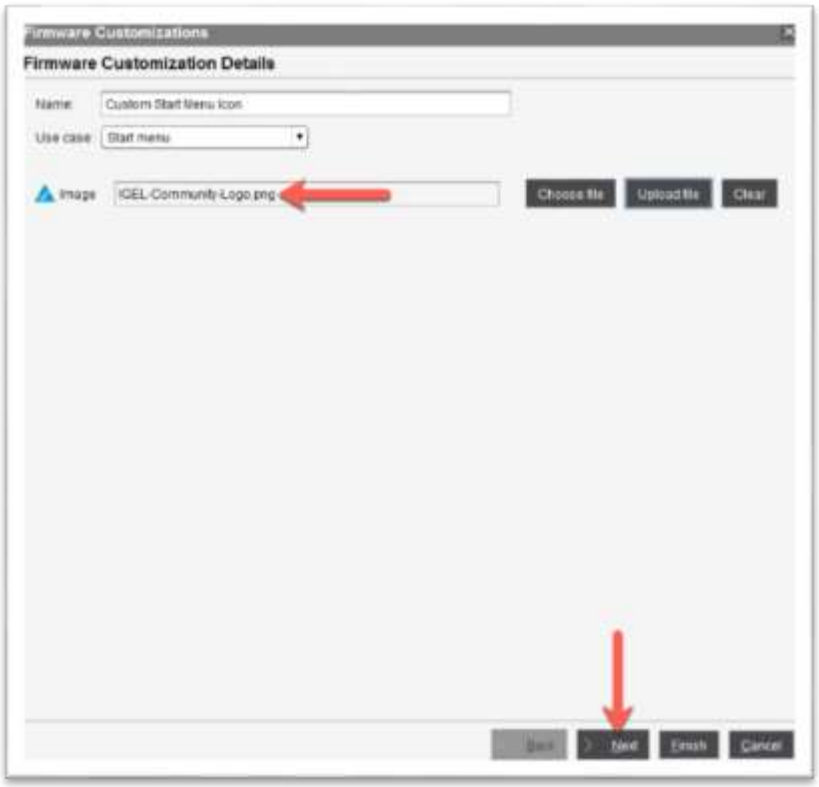
5. The **Open** window opens prompting you to select the file you wish to upload. Find the file, highlight it and click the **Open** button to continue.



6. You are brought back to the **New file** window. Verify the correct file was uploaded and click the **OK** button to continue.

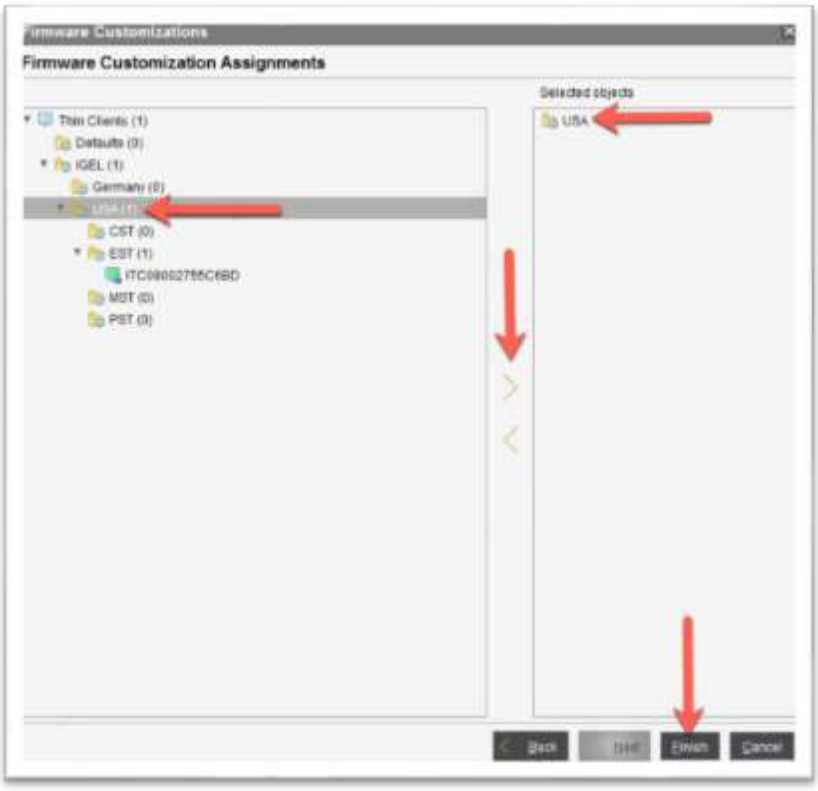


7. The new file will appear in the image text box. Click the **Next** button to continue.

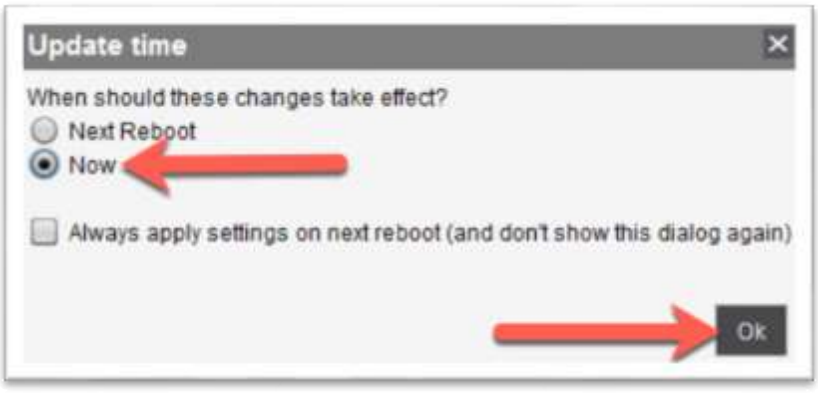


8. **Firmware Customization Assignments** window opens prompting you to assign the firmware customization to the desired devices.

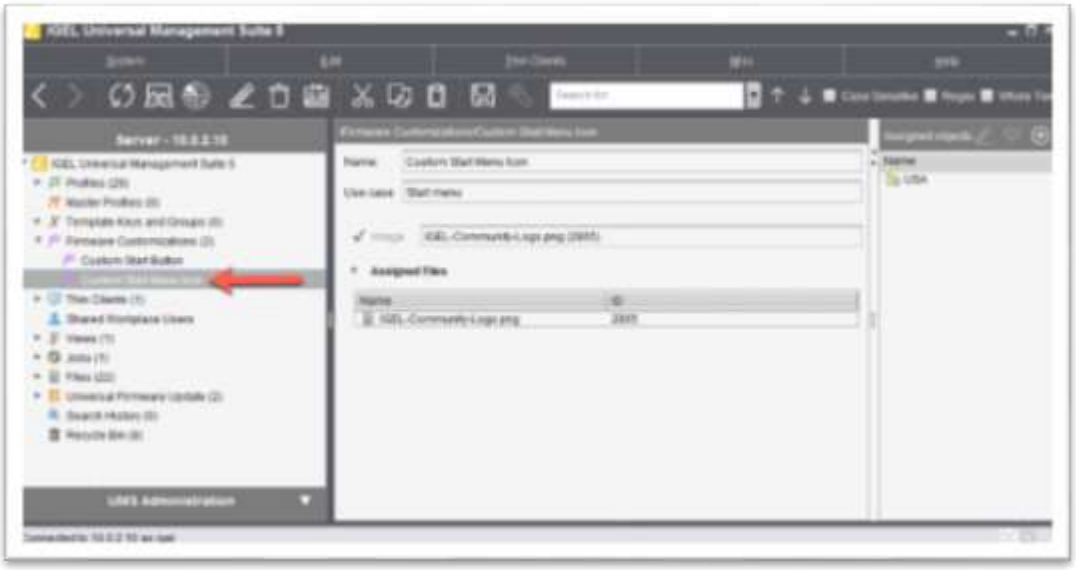
   Click to select a device(s) or directories you wish to assign the firmware customization to and click the > arrow to move it to the **Selected objects** pane. Once finished, click the **Finish** button to assign your new firmware customization.



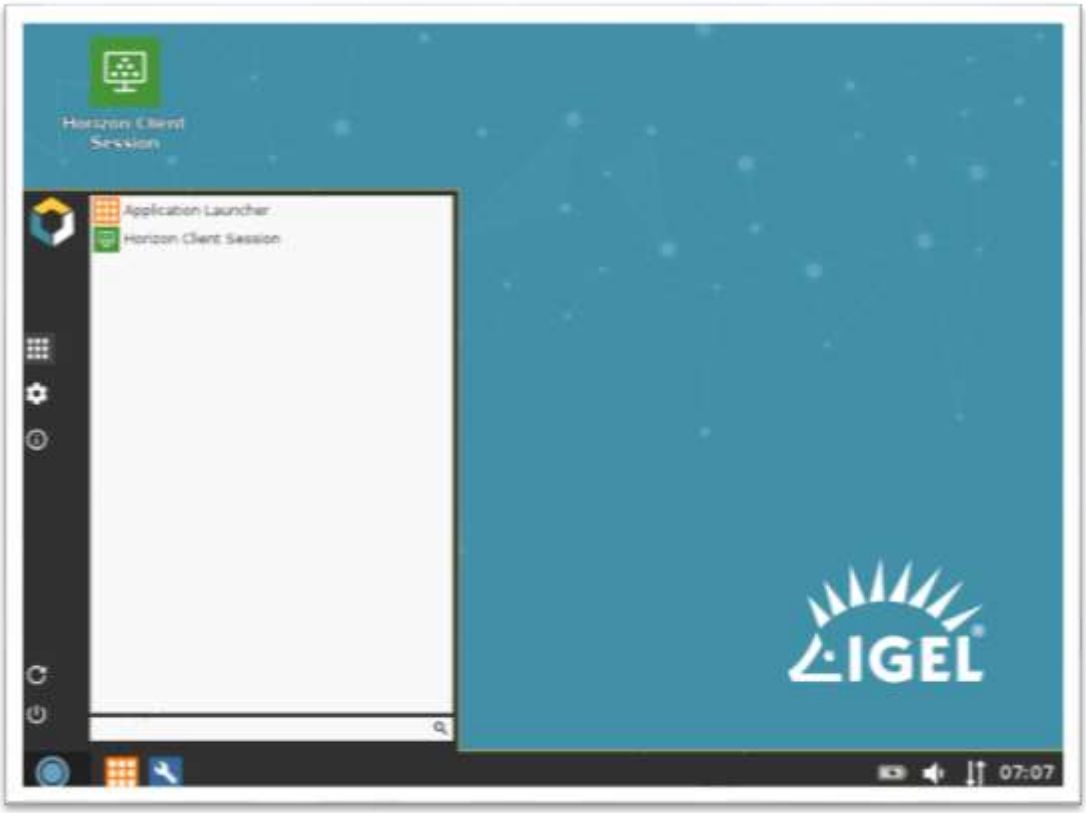
9. You are prompted to select when you would like the changes to take effect. Select the desired setting and click **OK** to continue.



10. The firmware customization window is closed, and you are brought back to the UMS where you will see your new firmware customization listed.



11. Flip over to a managed device and you will see the nice new image, as shown below.



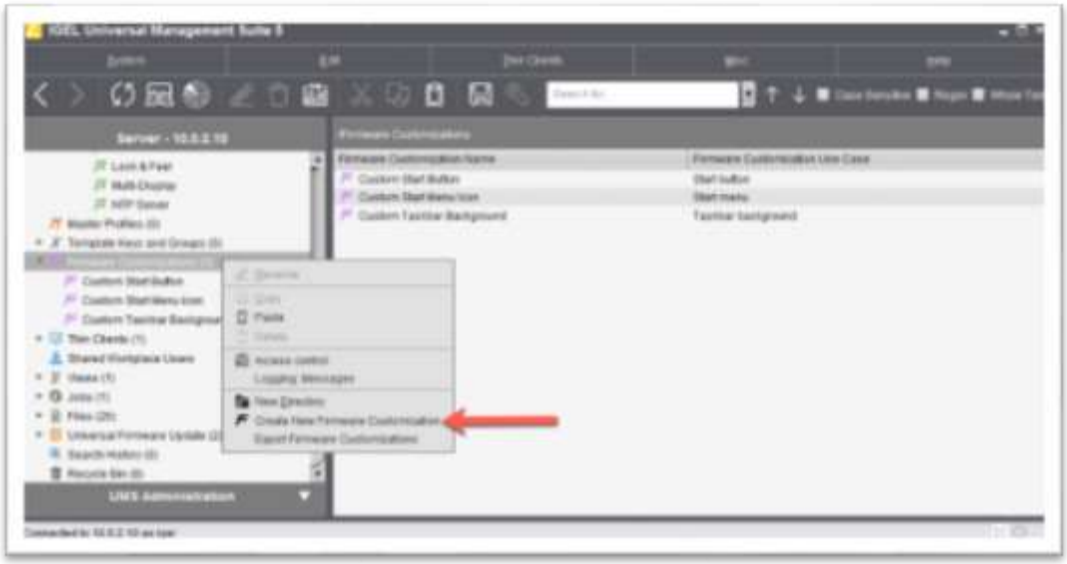
4. How to Customize the Desktop Wallpaper

The next step in designing a beautiful user experience is to customize the wallpaper. You might want to brand it with your corporate logo or a picture of the IT department, or maybe not that but worth a shot. No matter what image you choose, applying custom wallpaper for your users is up to you!

The following are before and after images. Notice the difference? It's starting to look good!

The following defines how to add a custom desktop wallpaper:

1. From the UMS, click on the **Firmware Customizations** link in the left menu. Click the **Create New Firmware Configuration** link in the popup menu.

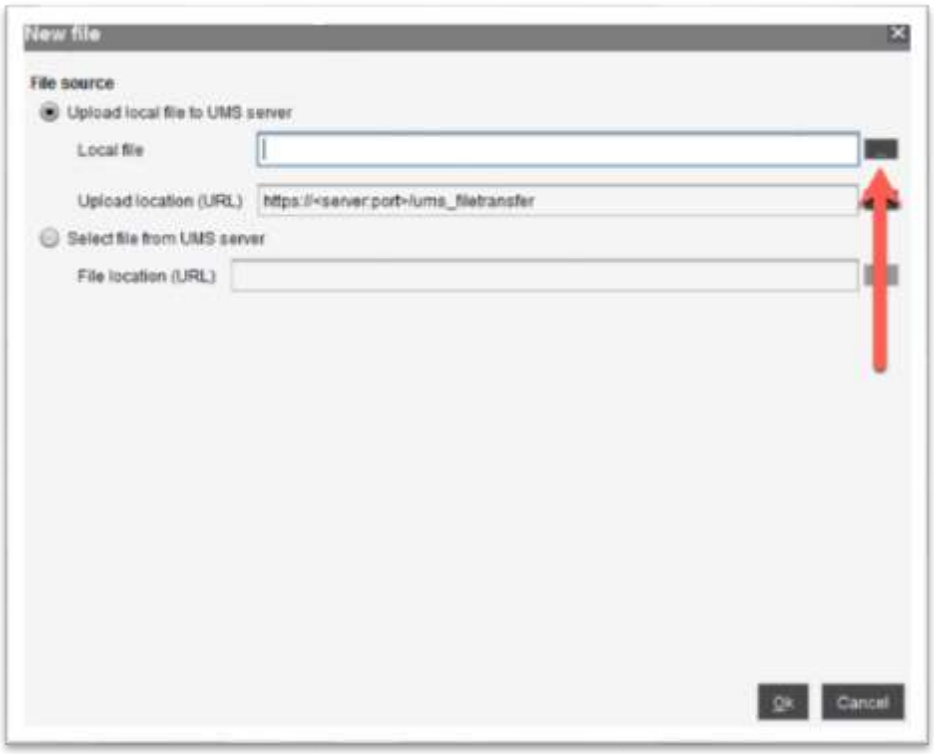


2. The new **Firmware Configurations** wizard opens and asks you to define the use case of the newly created rule. Enter a descriptive name in the **Name** text box and click the **Wallpaper** entry from the **Use Case** dropdown list. Click **Next** to continue.

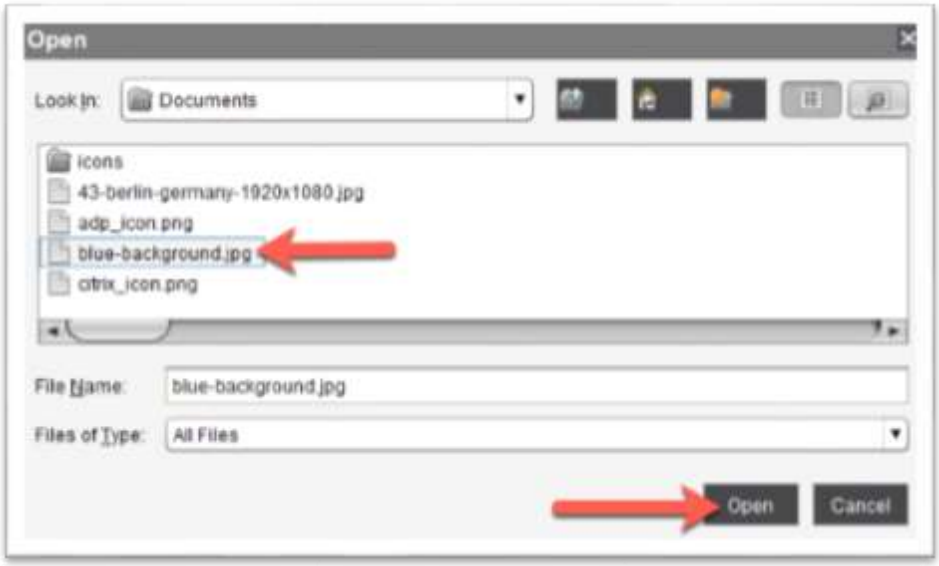
3. You are prompted to select the monitors you would like to assign the new wallpaper too. As you can see, you can configure custom wallpaper for up to 8 monitors. In this case, let's configure just one. Click the **Upload File** button to continue.

4. The **New File** window opens allowing you to upload the new image or pick one that was previously uploaded to the UMS server, maybe via FTP.

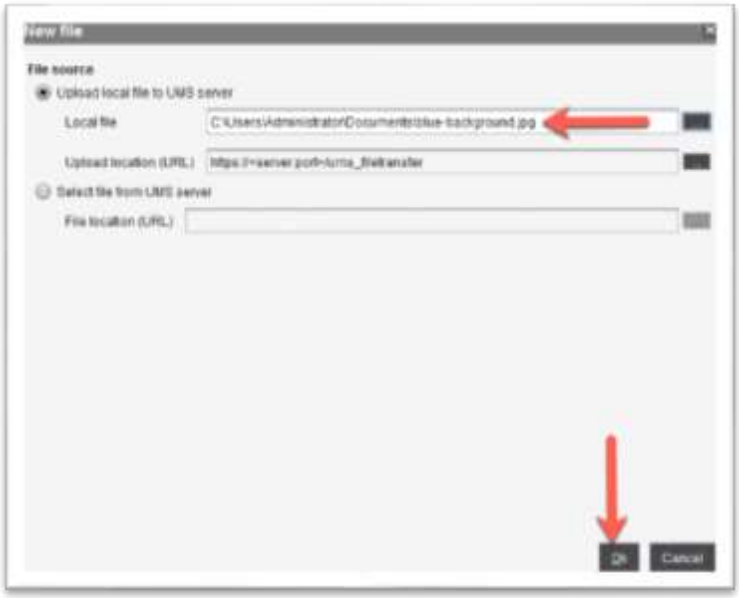
   Click the **…** button to upload a file from the local filesystem.



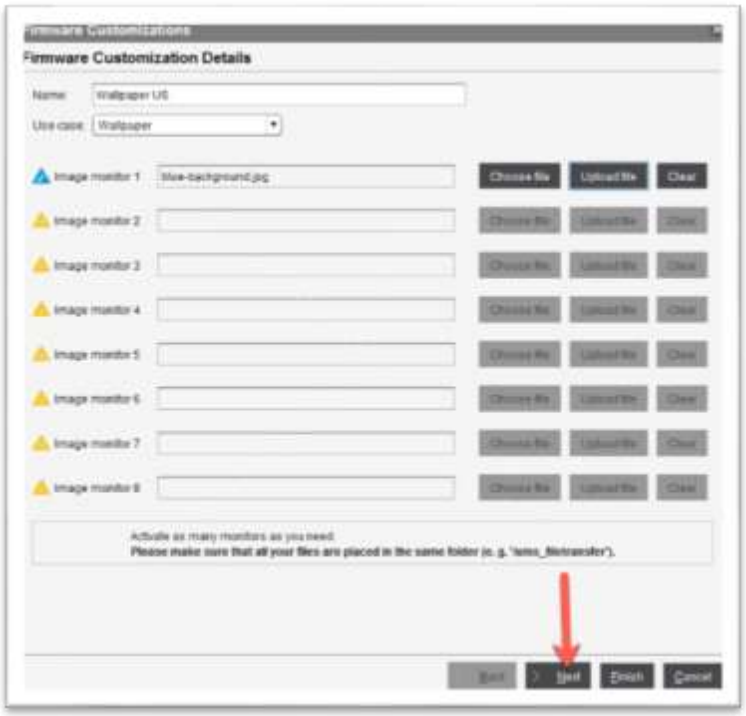
5. Browse to the location of your background image and click the **Open** button.



6. Verify your desired image file location is correct and click the **OK** button to continue.

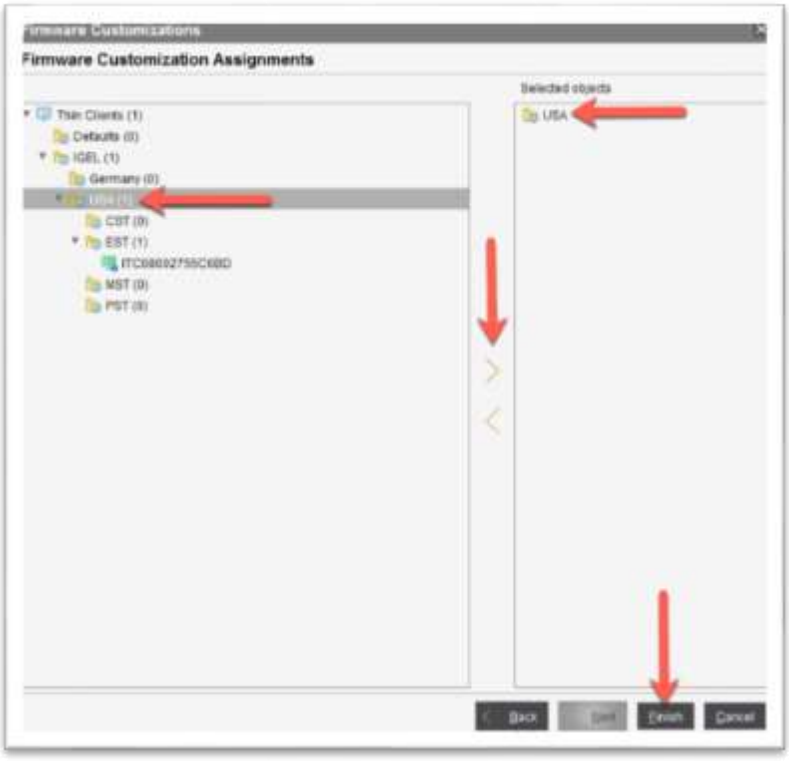


7. If you would like to assign additional images, either click the **Upload File** button to upload a new image or you can click the **Choose File** button if you have the desired image already on the server. Click **Next** to continue.

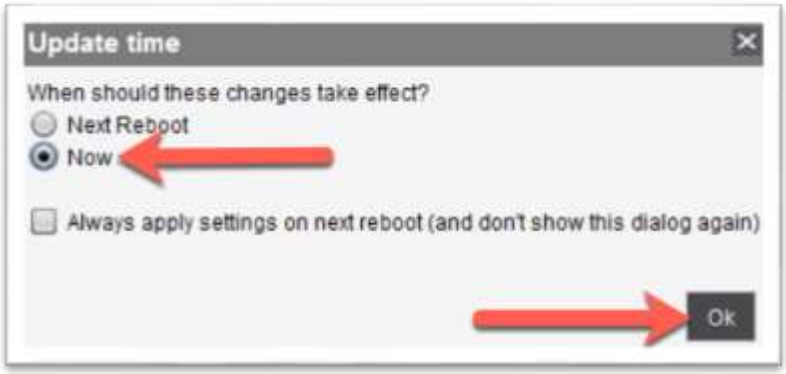


8. You are ready to apply the customization to your devices. Depending on the folder structure you have or have not created you can assign this policy accordingly. Click to select the folder and click the > arrow to move it to the right column, thus assigning the desired folder to the new customization.

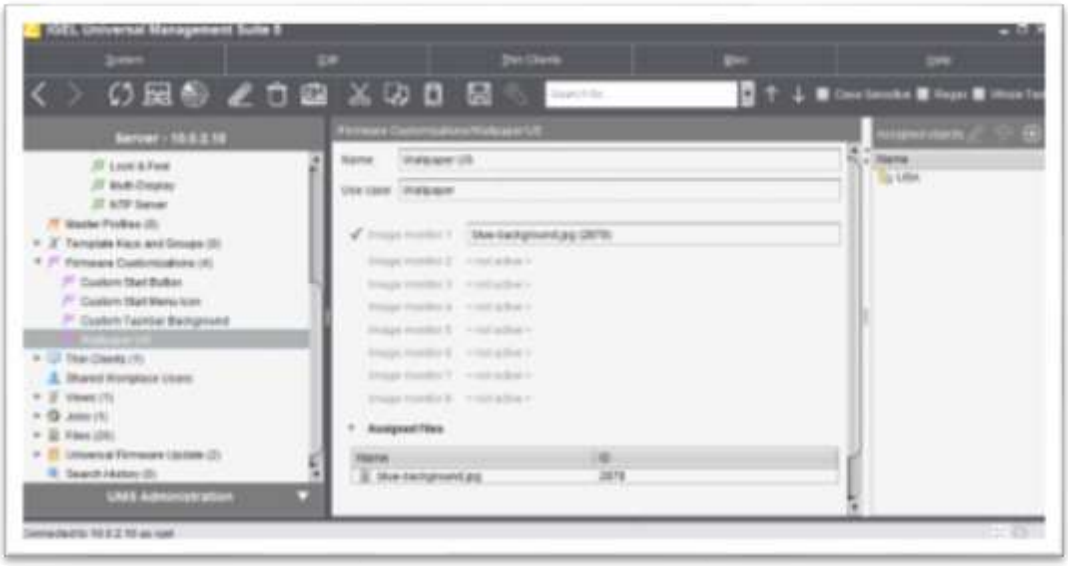
   Repeat this step to apply the customization to multiple folders. Click the **Finish** button to assign the firmware customization to the desired devices.



9. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



10. The **Firmware Customization** properties page appears listing the details of the specific customization.



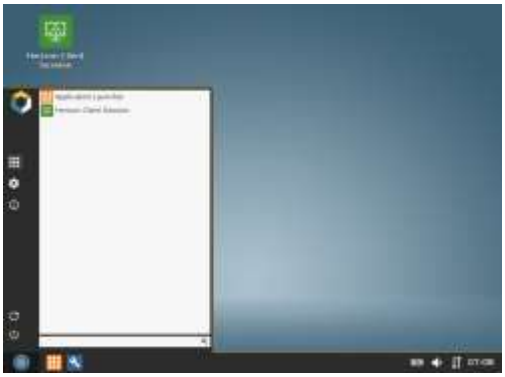
11. Head on over to your managed IGEL OS, and you might notice it is starting to look beautiful! Now I would be proud to use such a look and feel!

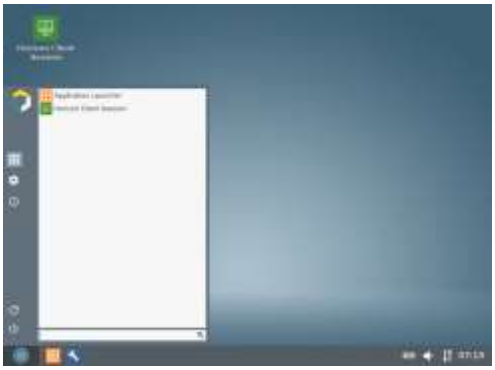
5. How to Customize UI Theme Colors

The user-interface (UI) is starting to look good. Next step is to match the UI theme colors with the background color. This process is best done using a UMS profile as it gives you the most flexibility.

In this section, you will not only configure the UI base and highlight colors but also the color of the taskbar itself. Configuring the taskbar background can also be done using a firmware customization, as you might have noticed. Though this process is less flexible than using a profile and since you will be creating a profile to customize the UI colors it only makes sense to customize the taskbar colors at the same time.

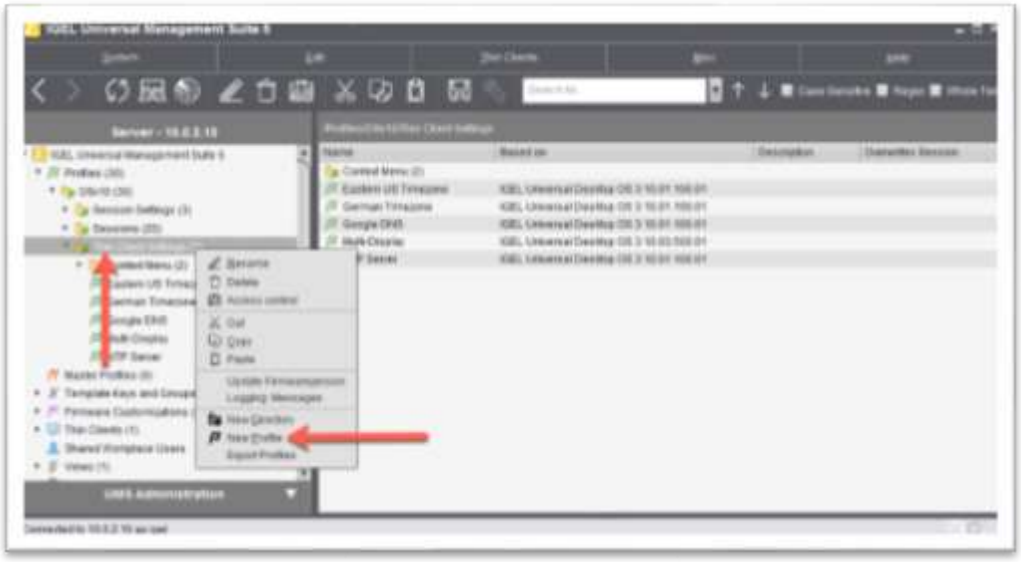
The following are before and after images. You will notice the taskbar and start menu now match the background perfectly. Steve would be proud.



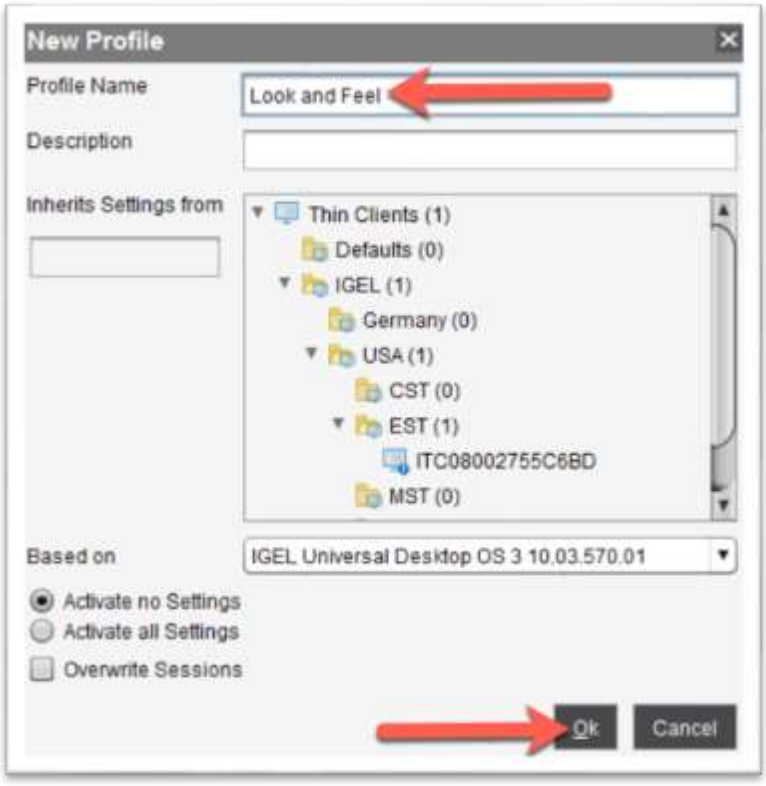


The following details how to customize the UI colors:

1. From the UMS, right-click the location you wish to store the new profile and click to select the **New Profile** link.

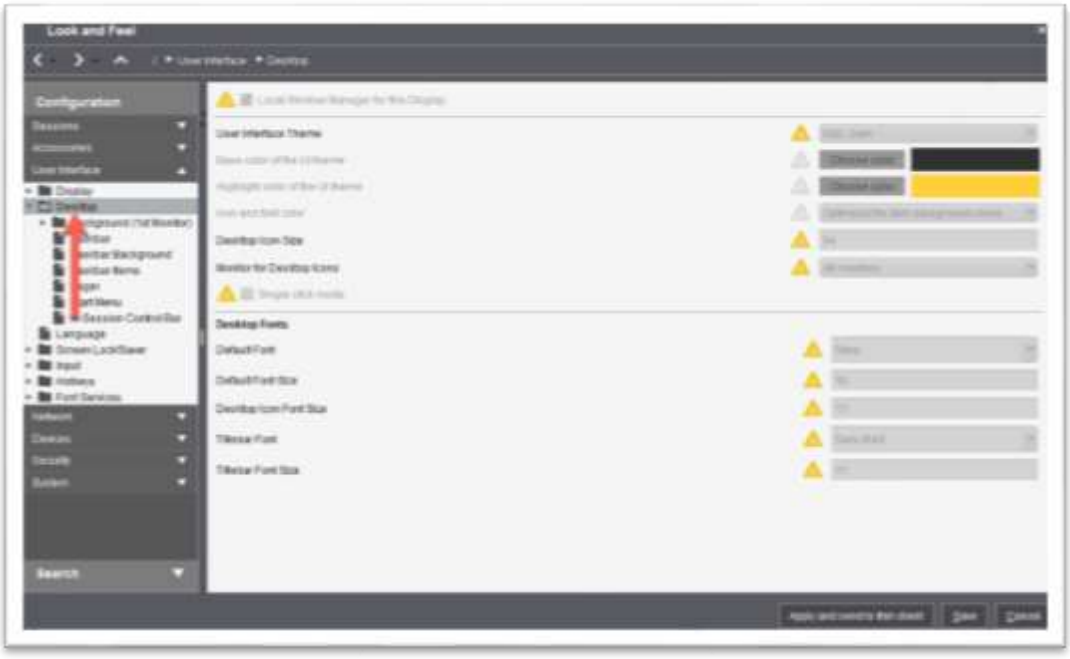


2. Enter a detailed name in the **New Profile** text box and click the **OK** button to continue.

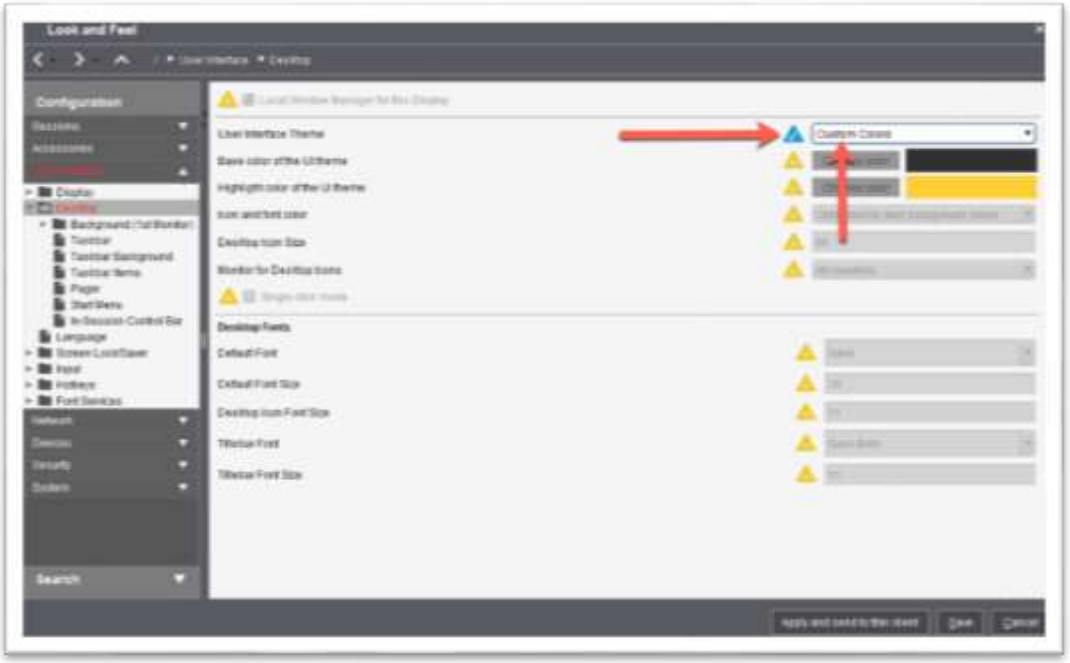


3. The new profile window opens. Click to expand the **User Interface** section

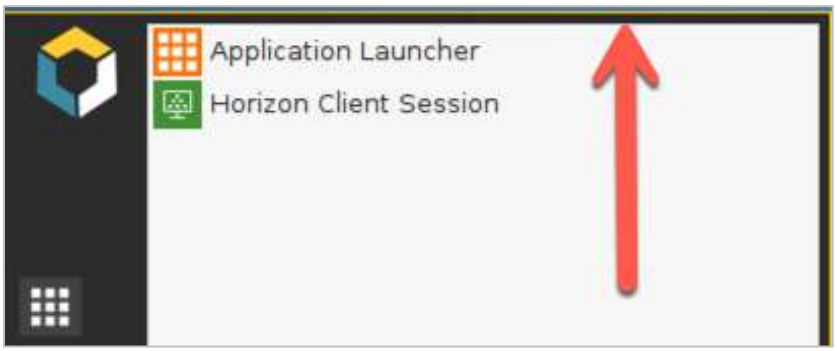
4. Click to select the **Desktop** node. This is where you will customize the UI theme colors and a few other configurations.



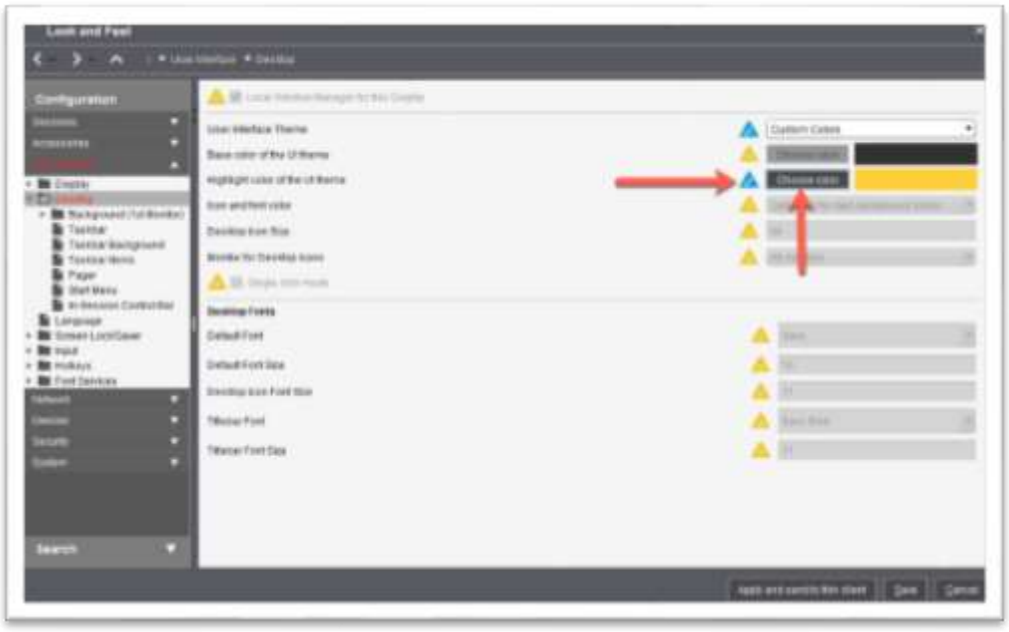
5. Click the **User Interface Theme** triangle checkbox to enable it (turns blue) and then select **Custom Colors** from the drop-down combo box list.



6. The first thing you want to configure is the highlight color. This is the color that you see as a slight border color around the start menu, taskbar and other places within the IGEL OS UI.

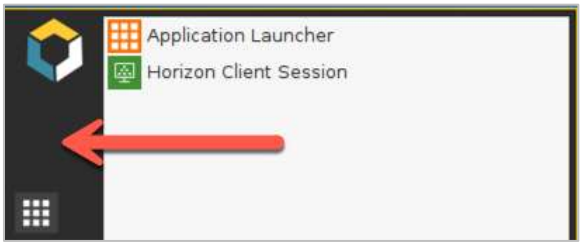


Click the **Highlight color of the UI theme** triangle checkbox to enable it (turns blue) and click the **Choose color** button.

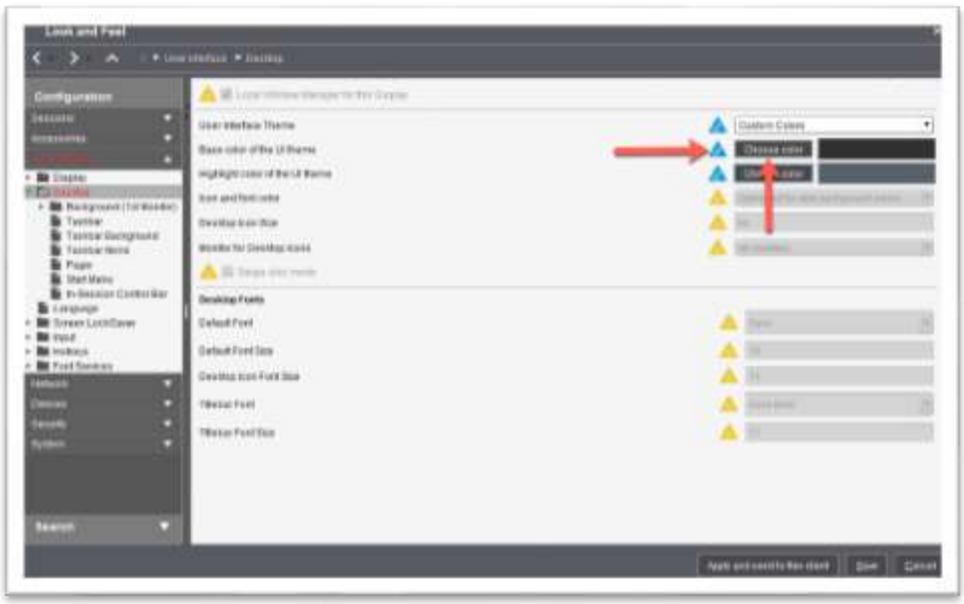


7. The **Choose color** window opens prompting you to select the color of your choosing. Enter the desired color and click the **OK** button to continue.

8. The next color you will want to change is the base color of the user interface.



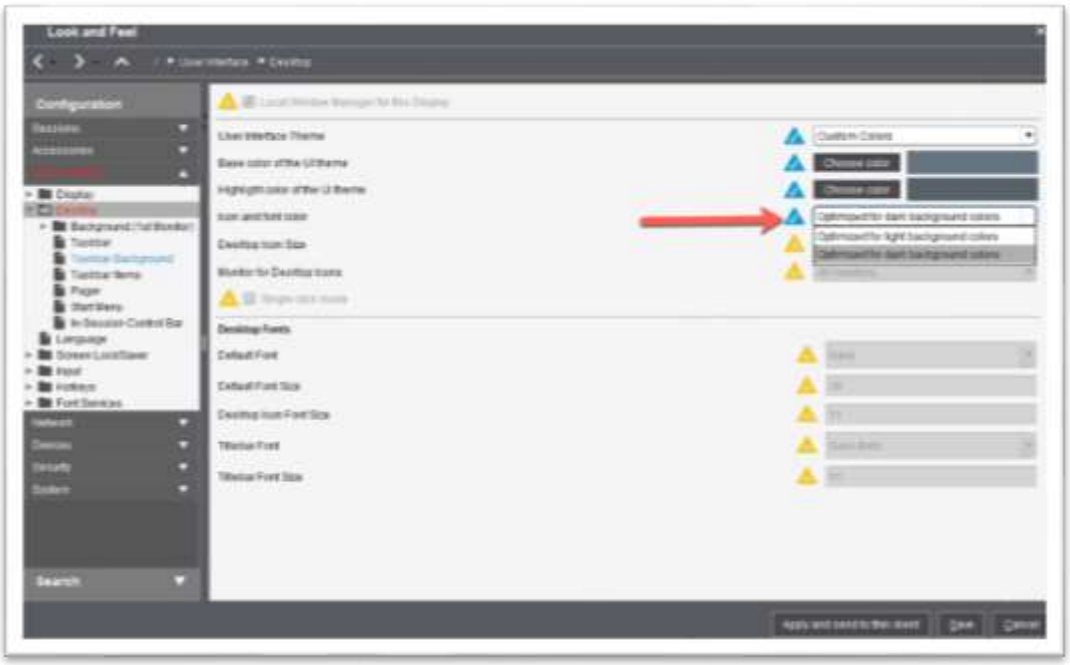
Click the **Base color of the UI theme** triangle checkbox to enable it (turns blue) and click the **Choose color** button.



9. The **Choose color** window opens prompting you to select the color of your choosing. Enter the desired color and click the **OK** button to continue.

10. The next item in the list allows you to configure the font and icon color. This setting is used to change the color of the icons and fonts to fit with the color of the background you are using. For example, if your background is dark, you will want to use light fonts and icons. If the background color is white, then you will want to use dark fonts and icons, so they are more visible to the reader.

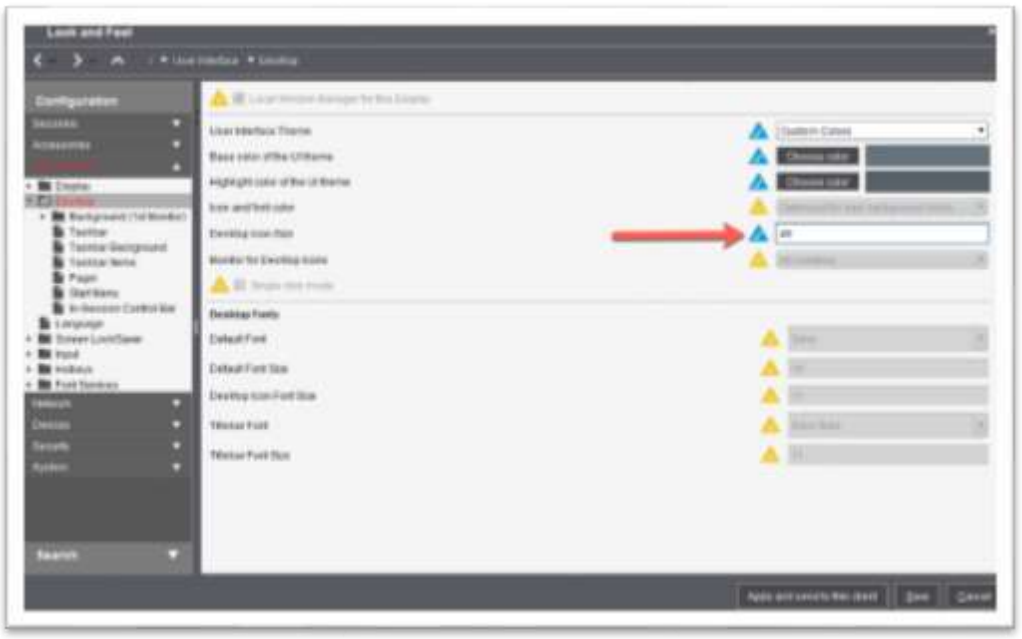
    If this example, the default setting works great so you can skip this setting but do keep it in mind in case your background is light.



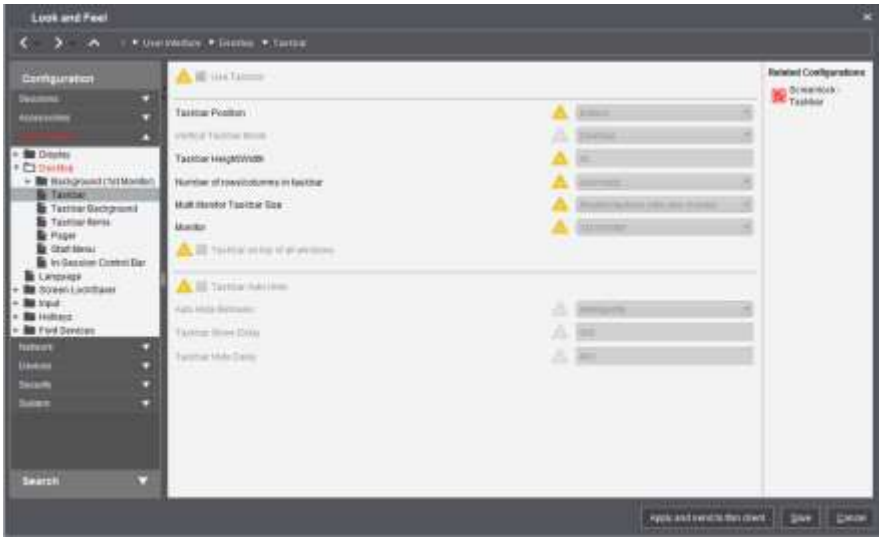
11. In design spacing is everything. Although, with the IGEL OS one of the few things that you can't do is adjust the spacing between the desktop icons. However, you can change the size of the icons, and at the same time the spacing between each icon gets a bit smaller and looks a bit better, or at least to the eyes of this author.

    Below are before and after images of the subtle change to icon spacing when using the **Desktop Icon Size** setting. You will notice it is just a bit more appealing.

    Click the **Desktop Icon Size** triangle checkbox to enable it (turns blue) and enter the desired font size. Feel free to play around with this number to find the suitable spacing to meet your design goals.

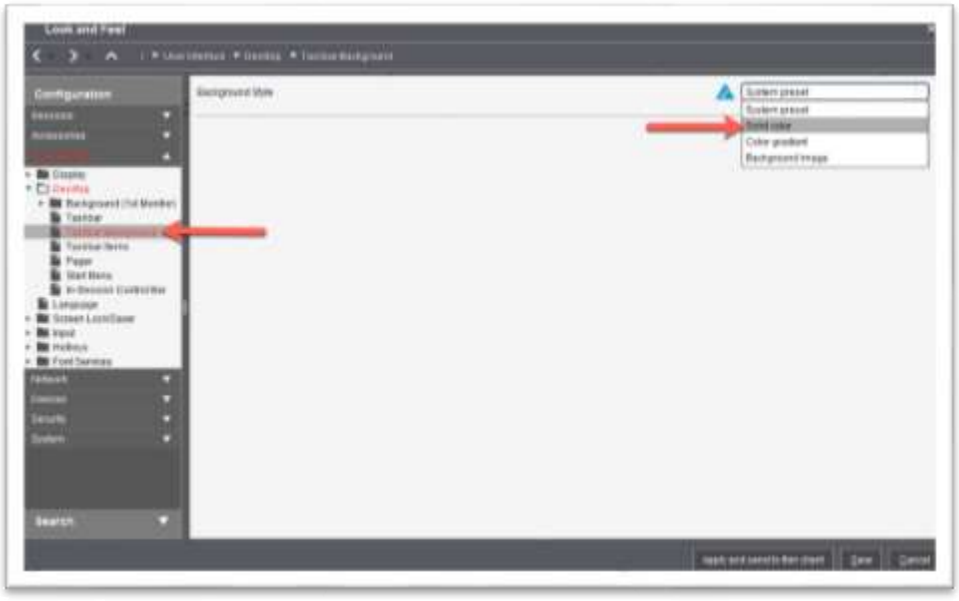


12. You are ready to configure the look and feel of the taskbar. Click to select the **Taskbar** policy node in the left menu. On this page, you will notice many different configurations you can make. For example, you can completely disable the taskbar by unchecking the **Use Taskbar** checkbox or change the height, number of rows, if it works on multiple monitors, etc. As with all configuration, please feel free to play around. For now, you can skip to the next step.

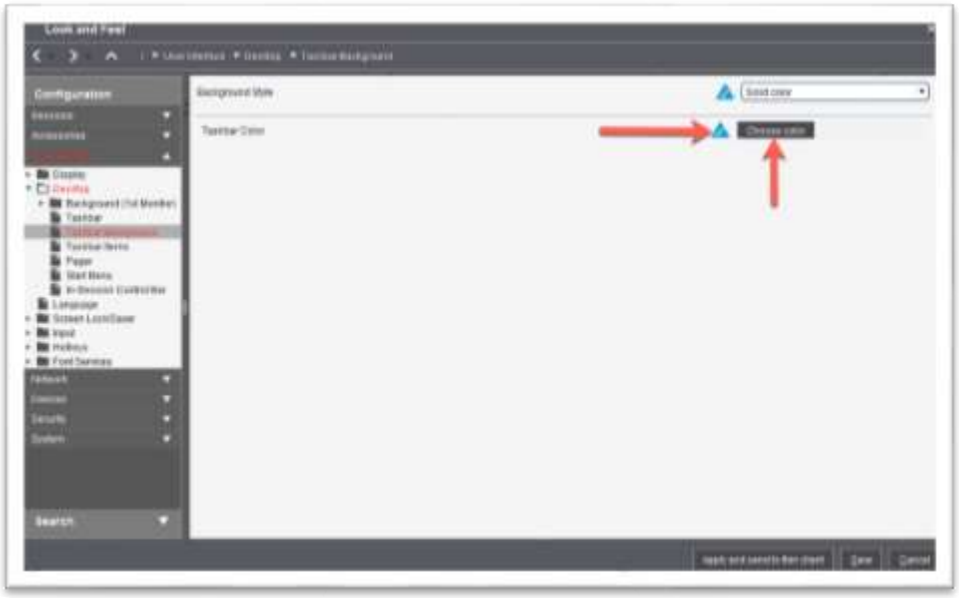


13. You are ready to change the color of the taskbar's background.

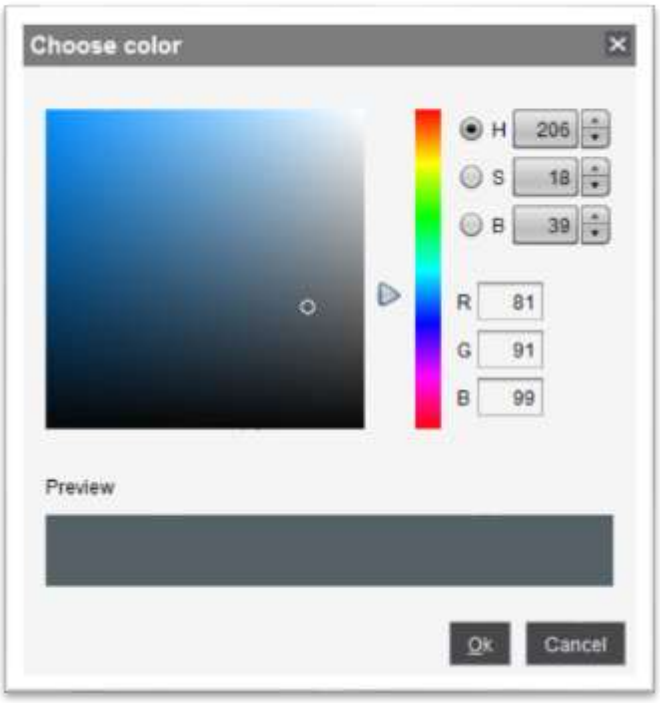
Click to select the **Taskbar Background** profile node and then click the **Background Style** triangle checkbox to enable it (turns blue) and click the **Solid color** button.



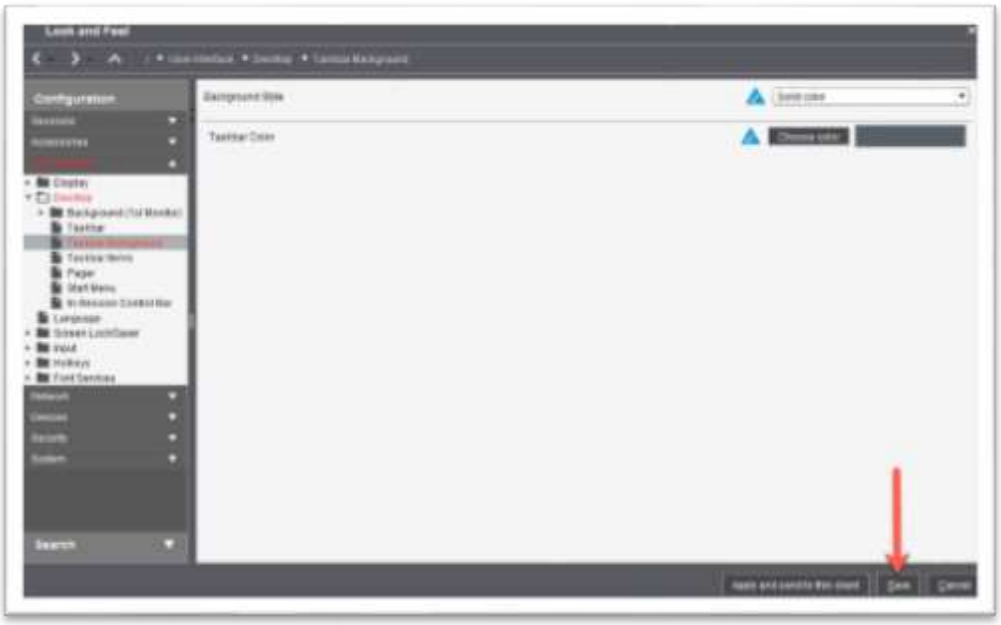
14. Click the **Taskbar Color** triangle checkbox to enable it (turns blue) and click the **Choose color** button.



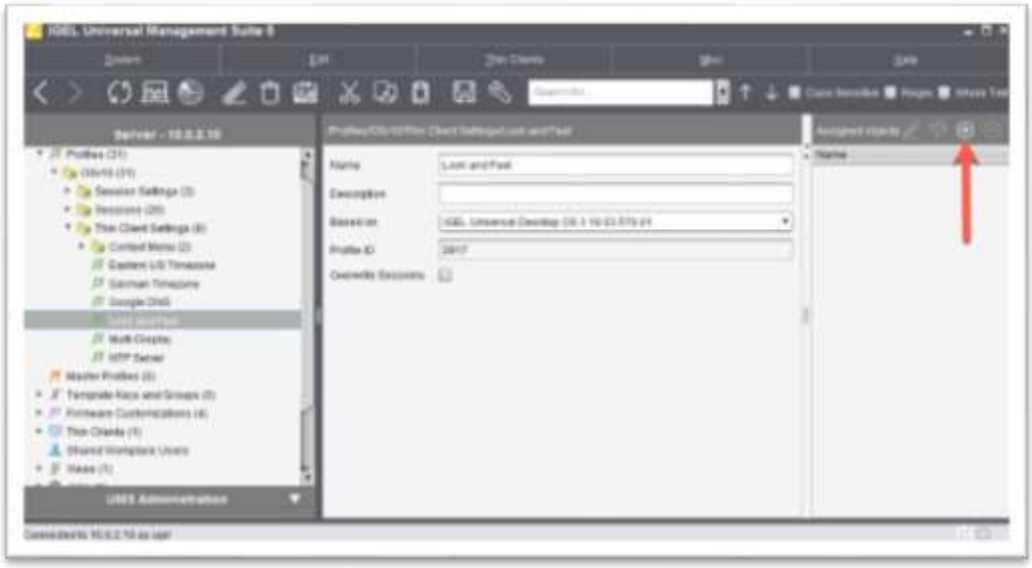
15. The **Choose color** window opens prompting you to select the color of your choosing. Enter the desired color and click the **OK** button to continue.



16. You are brought back to the profile page. Of course, you can browse around to view the many other configurations. Though for our purpose, you are done. Click **Save** to continue.



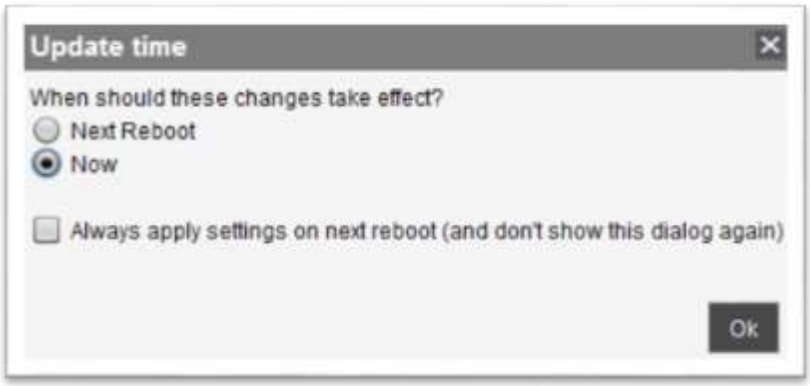
17. The profile is saved, you are required to assign it to the desired folder(s) and device(s). Click the + icon located at the top right of the UMS.



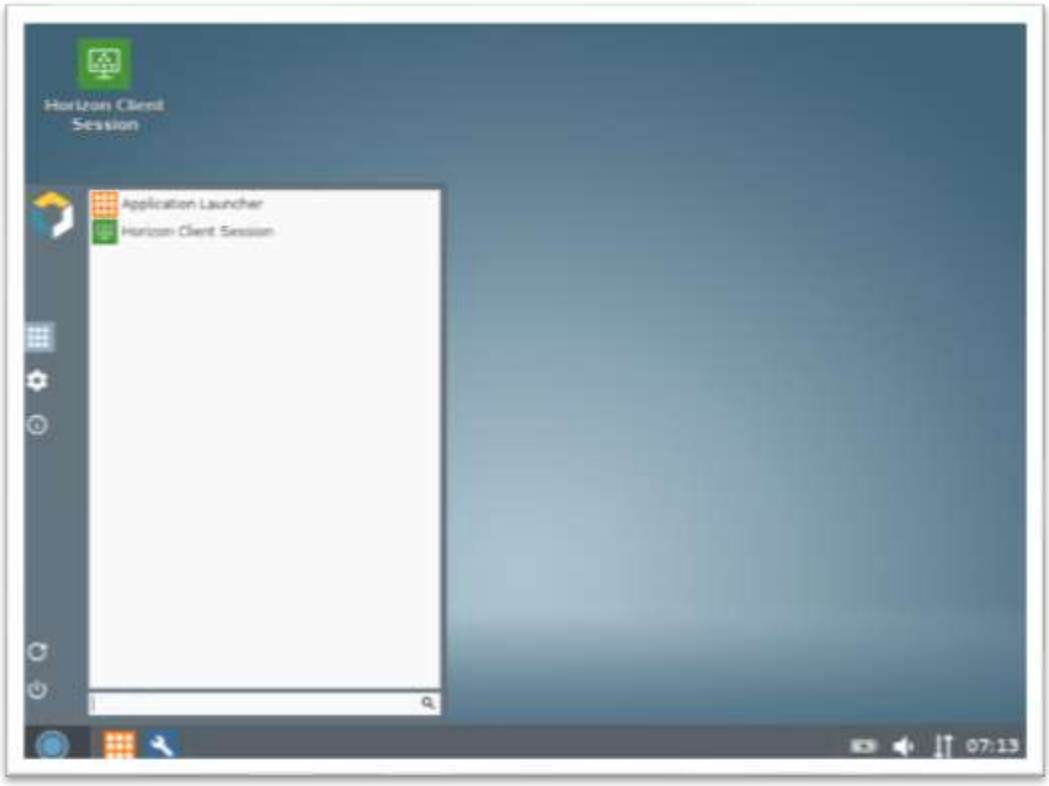
18. The **Select assignable objects** window opens allowing you to assign the profile to the desired folder(s) and/or device(s).

    Click to select the device(s) or folder(s) you wish to assign and click the > arrow to move it to the **Selected objects** pane. Once finished, click the **Finish** button to assign the profile.

19. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



20. Look to one of your managed devices; you will see the user interface colors of the start menu and the taskbar have been changed. Starting to look good!



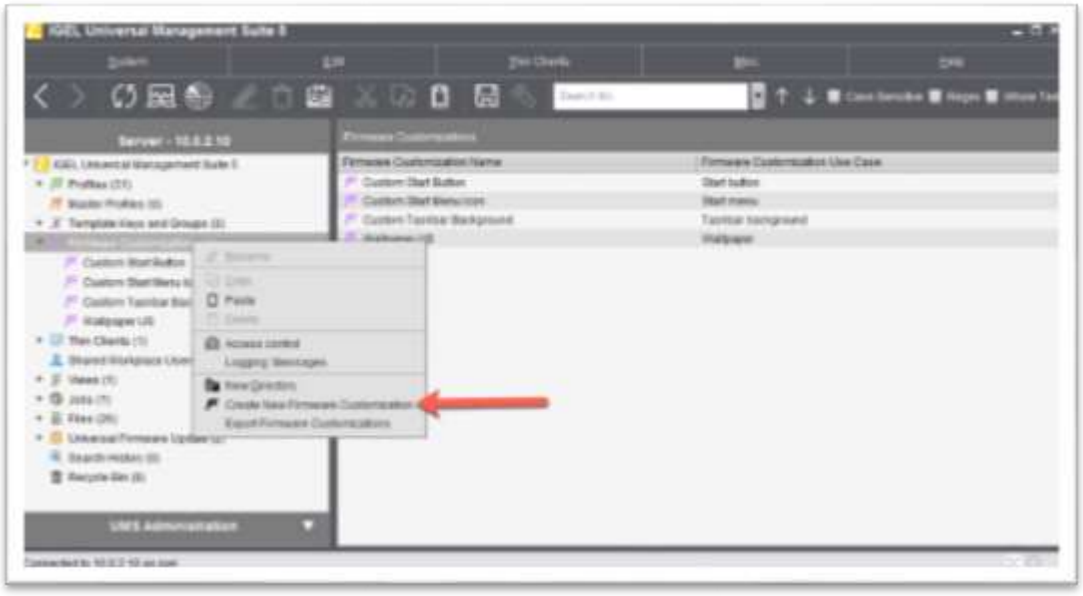
6. How to Customize the Screensaver

The UI is looking good! It is time to work on the fine details and round off the complete design. The next item is the screensaver. Like with the start button and background this can be done using a firmware customization.

The following are before and after images. Notice you can change the image and the background color.

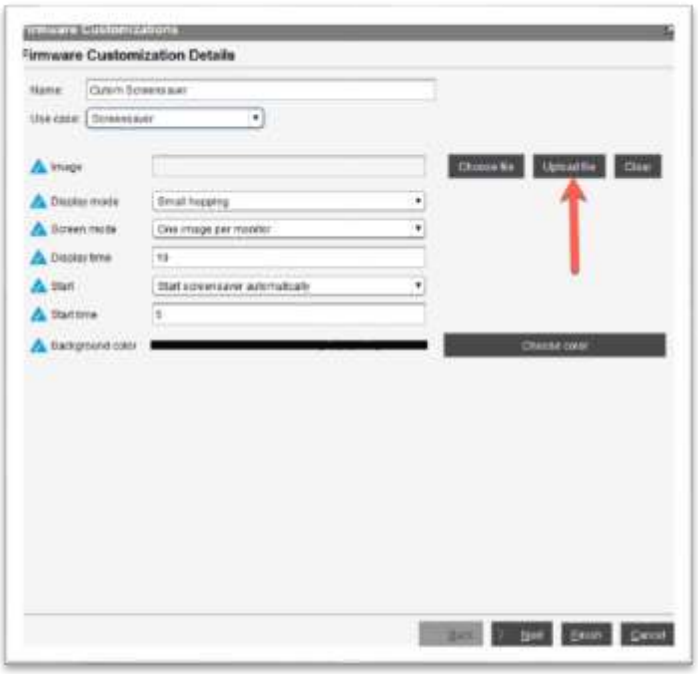
The following defines how to customize the screensaver:

1. From the UMS, right-click the **Firmware Customizations** link in the left menu and click the **Create New Firmware Customization** link.

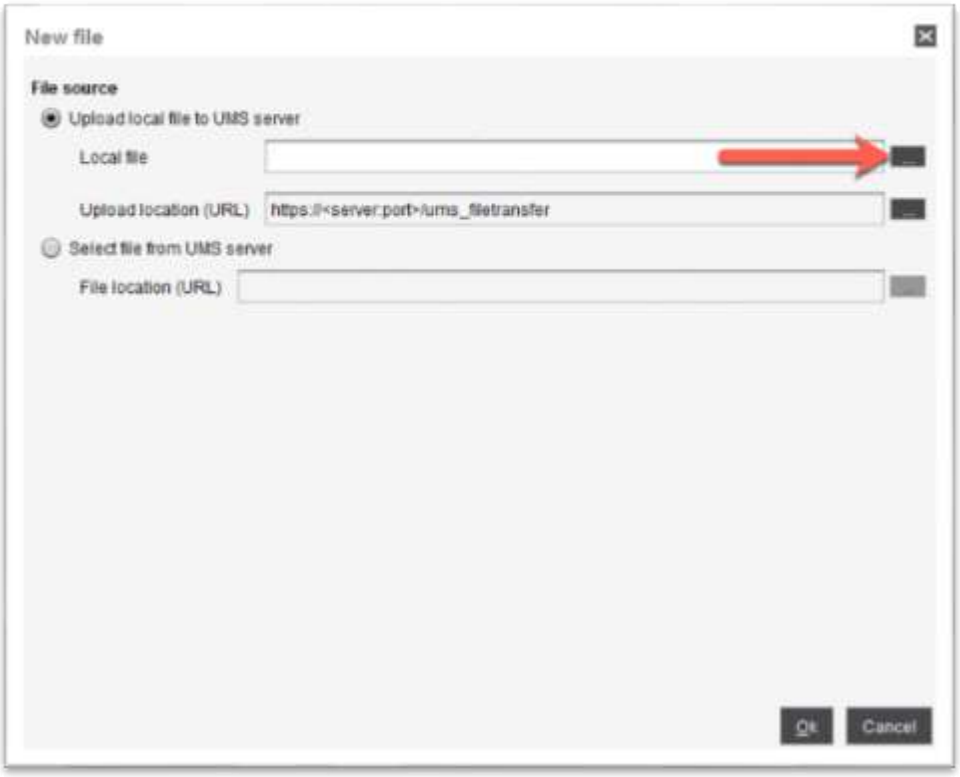


2. The **Firmware Customization Details** wizard opens. Enter a detailed name in the **Name** text box and click to open the **Use case** dropdown combo box. Click to select the **Screensaver** link.

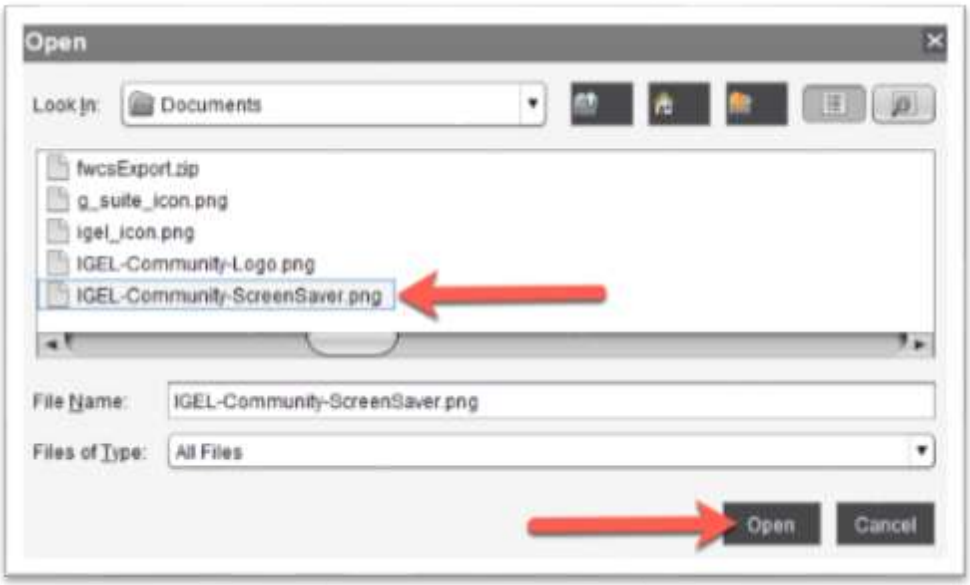
3. You are required to select the image you wish to use for the screensaver image. You have two choices, to choose a file you have already uploaded or upload a new file now. Click the **Update file** button to continue.



4. The **New File** window opens. Click the **…** button, located to the right of the **Local File** text box to continue.

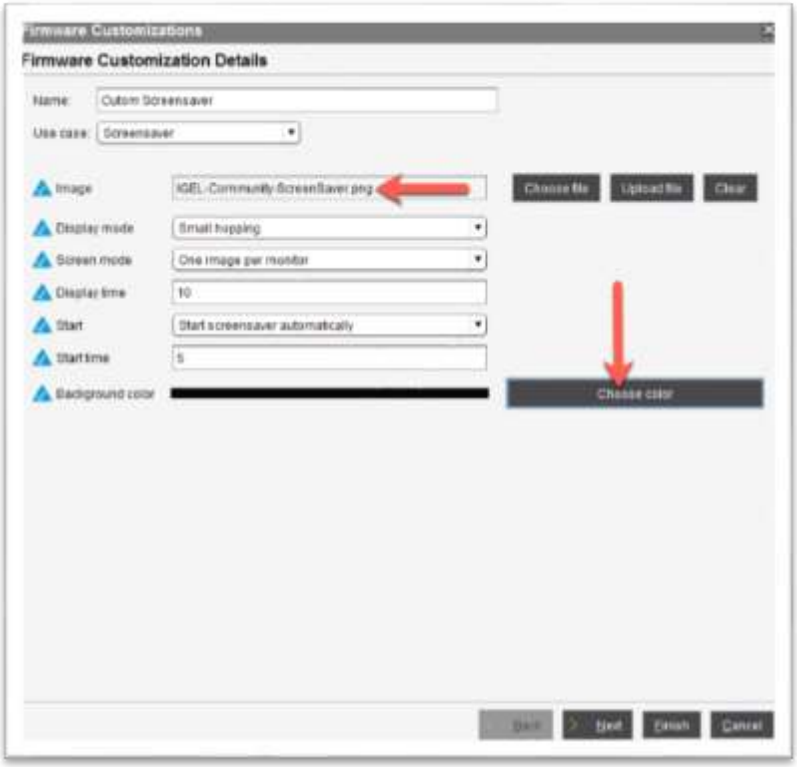


5. The **Open** window opens prompting you to select the file you wish to upload. Find the file, highlight it and click the **Open** button to continue.

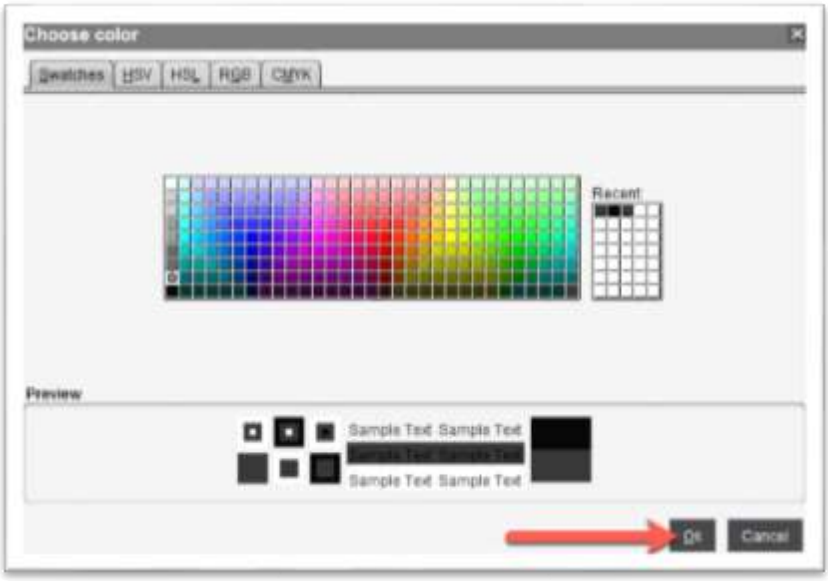


6. You are brought back to the **New file** window. Verify the correct file was uploaded and click the **OK** button to continue.

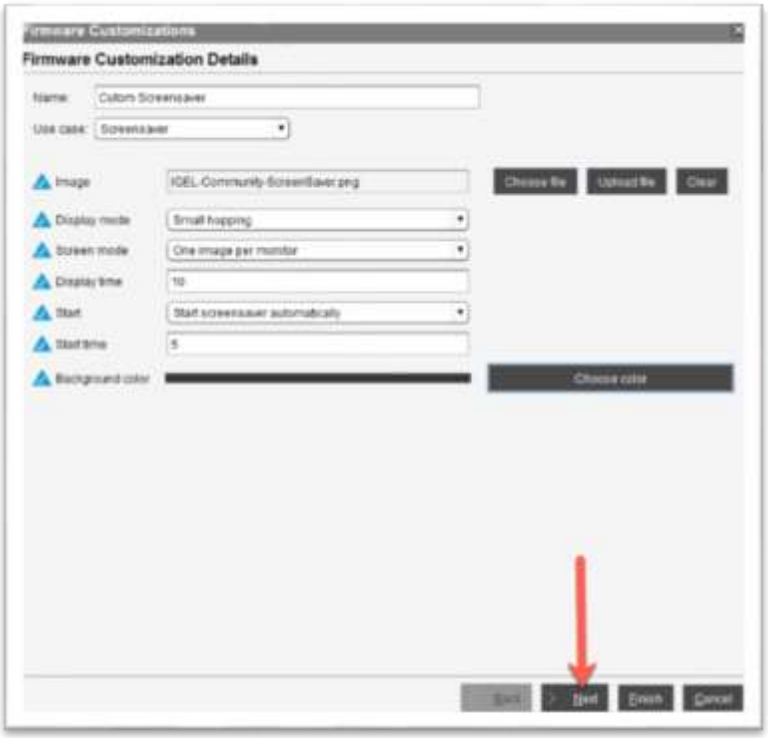
7. The new file will appear in the image text box. You are ready to change the color of the screensavers background. Click the **Choose color** button.



8. The **Choose color** window opens which gives you many different options on how to change the background color. Select the desired color and click the **OK** button to continue.

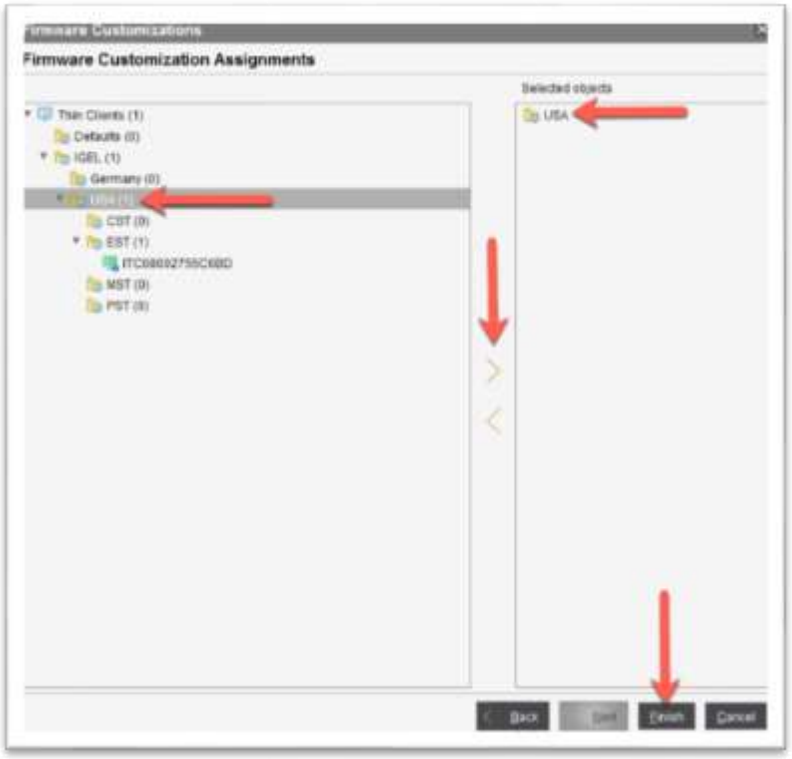


9. You are brought back to the **Firmware Customization Details** window. You will notice the new image in the **Image** text box and the color you chose is shown in the **Background color** box. If all looks good, click the **Next** button to continue.

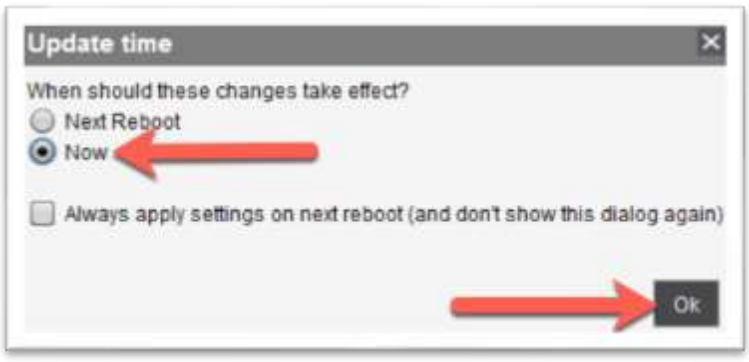


10. The **Firmware Customization Assignments** window opens prompting you to assign the firmware customization to the desired folder(s) and device(s).

    Click to select device(s) or folder(s) you wish to assign the firmware customization to and click the > arrow to move them to the **Selected objects** pane. Once finished, click the **Finish** button to assign the new firmware customization.



11. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



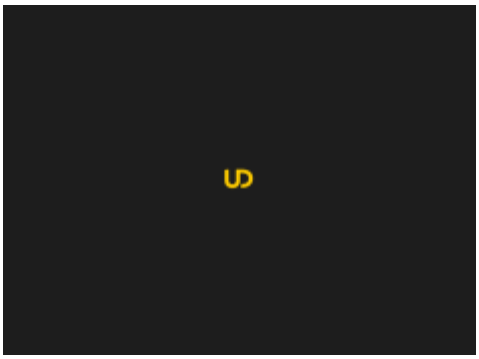
You are done, the next time the assigned IGEL OS devices go to screensaver mode, your users will see your fancy new image. The devil is in the details! This is just one of those that truly make the IGEL OS yours!

7. How to Customize the Bootsplash Image

You have successfully customized the look and feel and the screensaver's image. It's time to customize the image that is displayed at boot time. This too is done using a firmware customization.

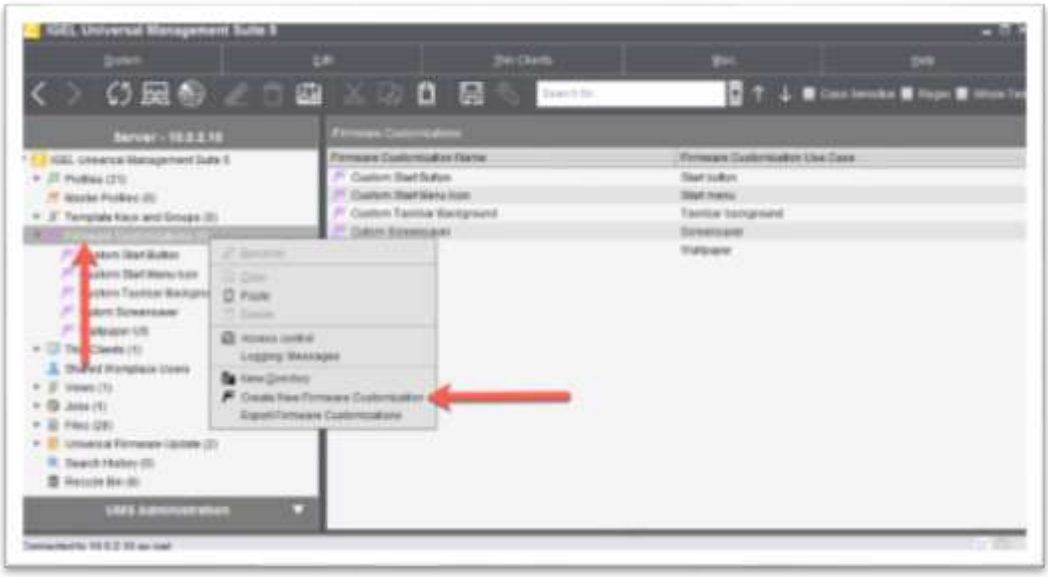
> The file types BMP, JPG, GIF, TIF, PNG, and SVG are supported for a bootsplash image. The aspect ratio will remain unchanged. You can position the image vertically and horizontally.

The following are before and after images. Notice the new beautiful IGEL Community logo.



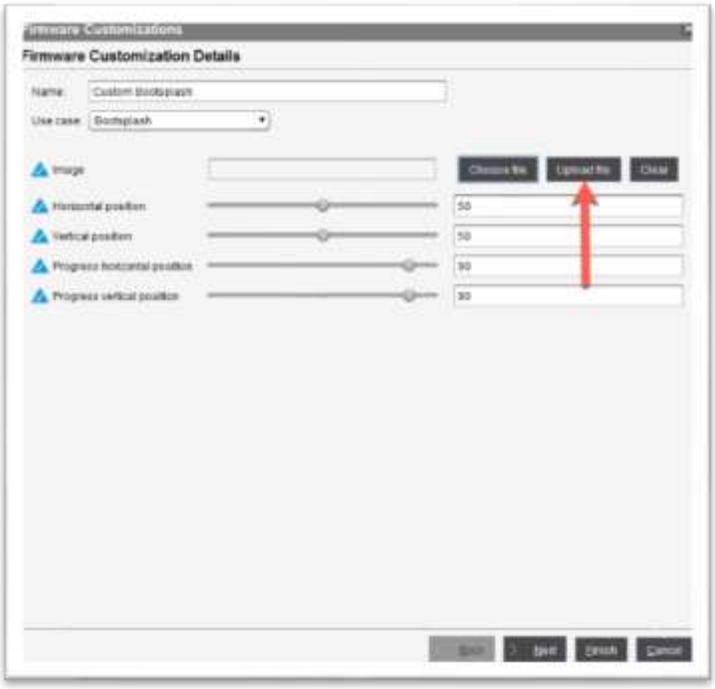
The following defines how to add a custom bootsplash image:

1. From the UMS, right-click the **Firmware Customizations** link in the left menu and click to select the **Create New Firmware Customization** link.

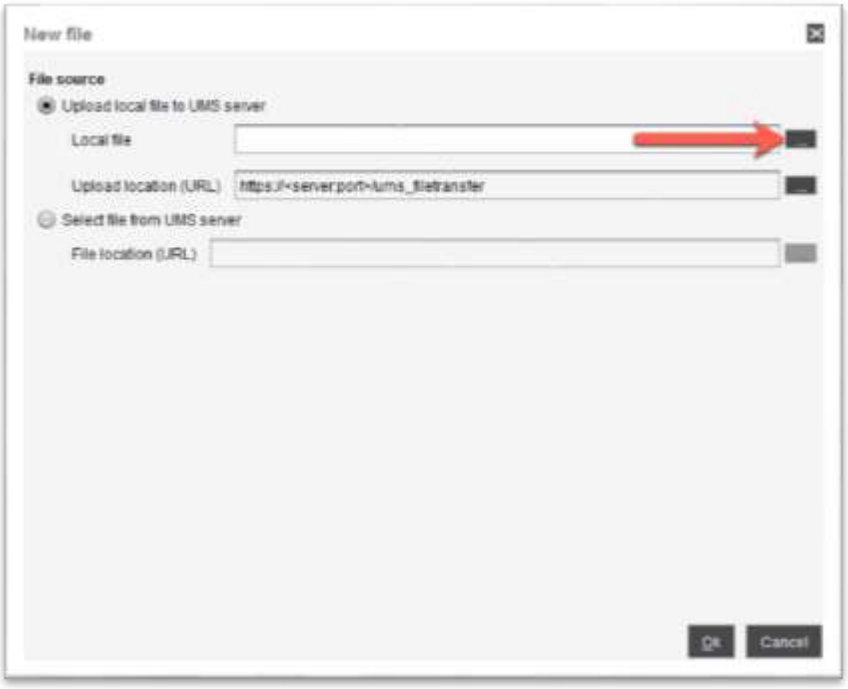


2. The **Firmware Customization Details** wizard opens. Enter a detailed name in the **Name** text box and then click to open the **Use case** combo box. Click to select the **Bootsplash** link.

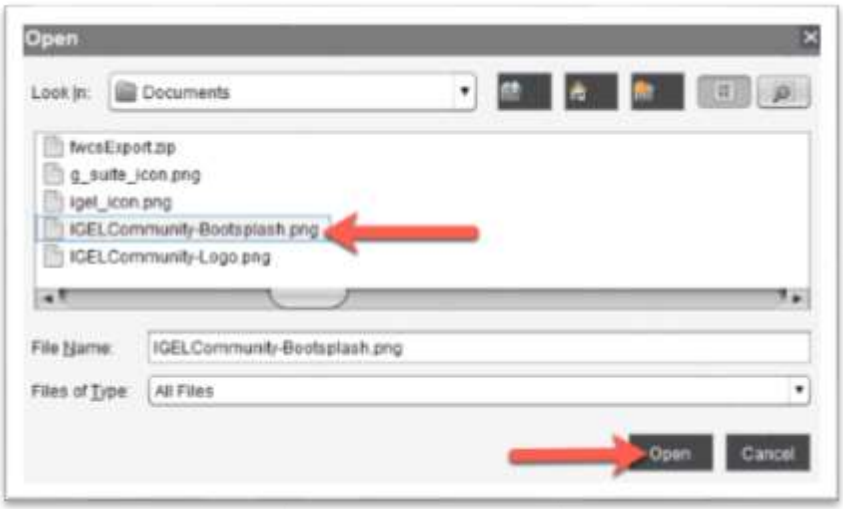
3. You need to select the image you wish to use for the bootsplash screen. You have two choices, to choose a file you have already uploaded or upload a new file now. Click the **Update file** button to continue.



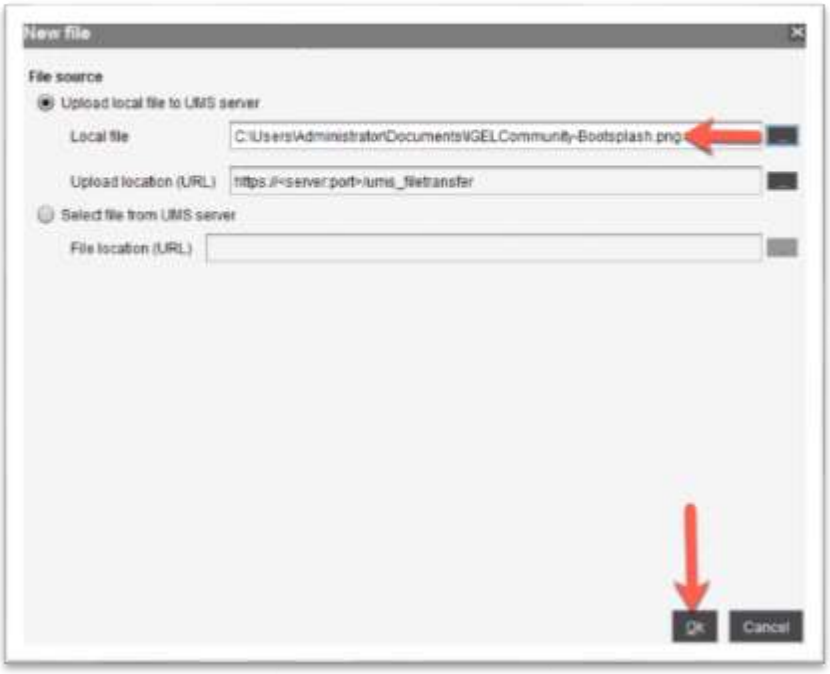
4. The New File window opens. Click the **…** button, located just to the right of the **Local File** text box to continue.



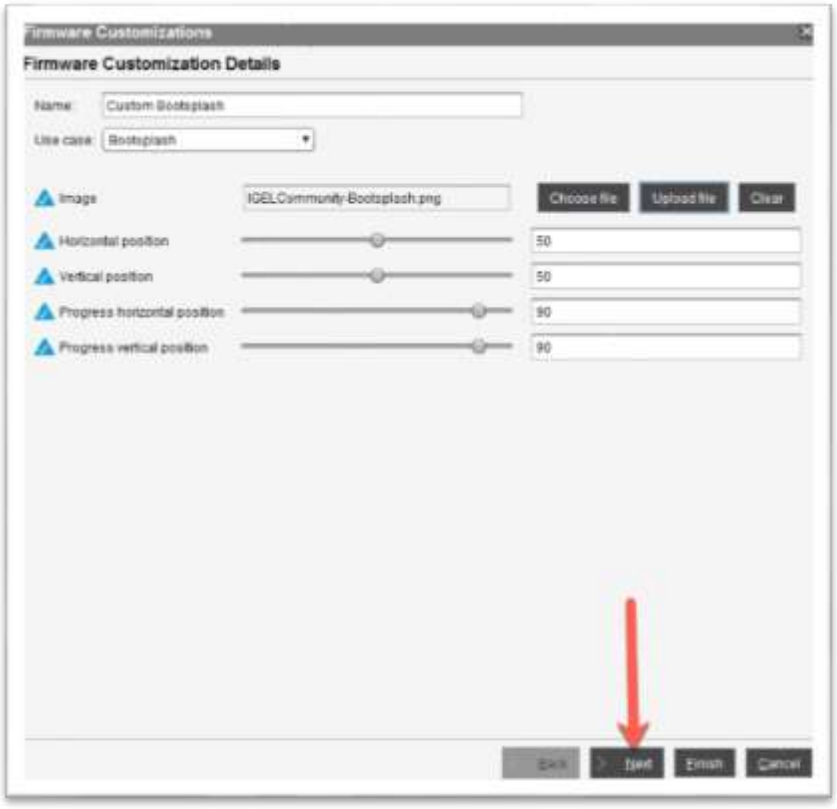
5. The **Open** window opens prompting you to select the file you wish to upload. Find the file, highlight it and click the **Open** button to continue.



6. You are brought back to the **New file** window. Verify the correct file was uploaded and click the **OK** button to continue.

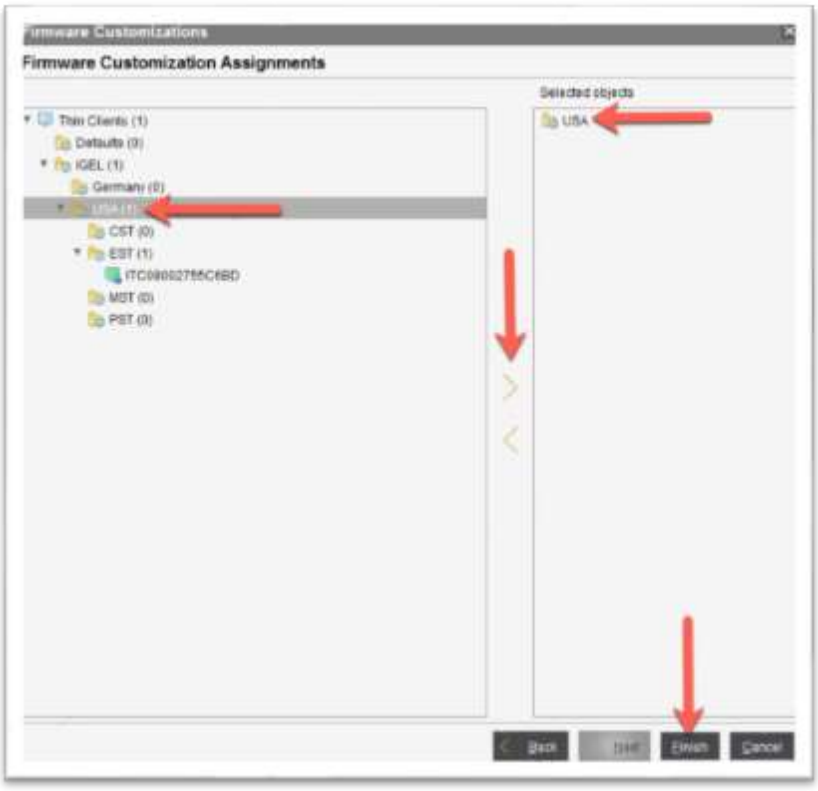


7. The new file will appear in the image text box. Click the **Next** button to continue.

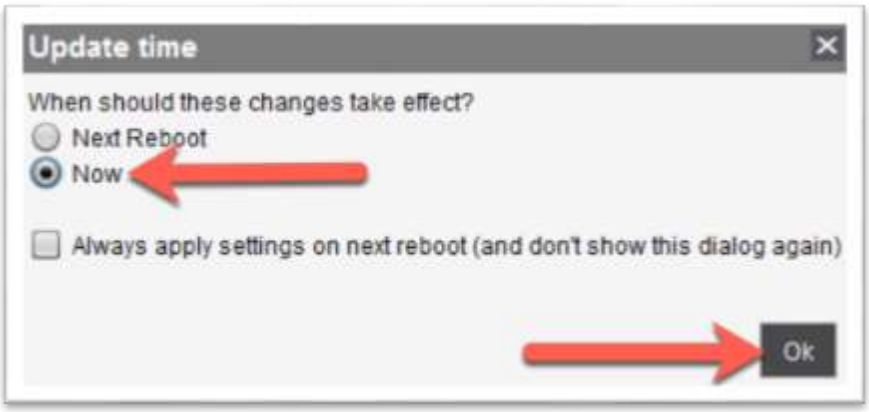


8. The **Firmware Customization Assignments** window opens prompting you to assign the firmware customization to the desired devices.

   Click to select device(s) or folder(s) you wish to assign the firmware customization to and click the > arrow to move it to the **Selected objects** pane. Once finished, click the **Finish** button to assign your new firmware customization



9. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



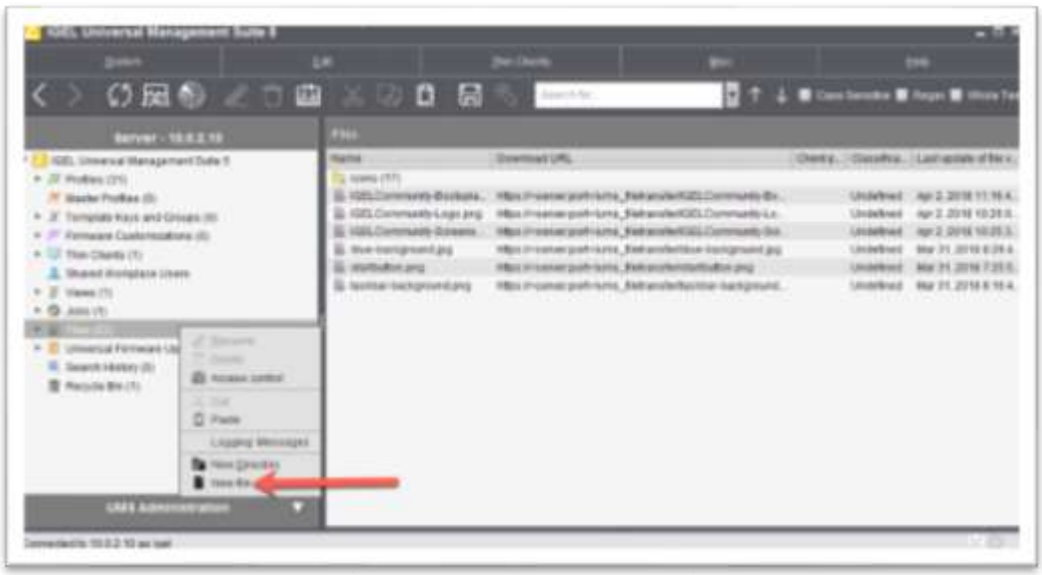
8. How to Customize Session Icons

The IGEL OS ships with default icons for the different supported sessions and one for web applications. But like everything else, this too can be customized to your liking. To configure the perfect icon, you are required to upload the icon to the UMS Files repository and then customize the icon that is defined in the registry of the profile deploying each session/web app.

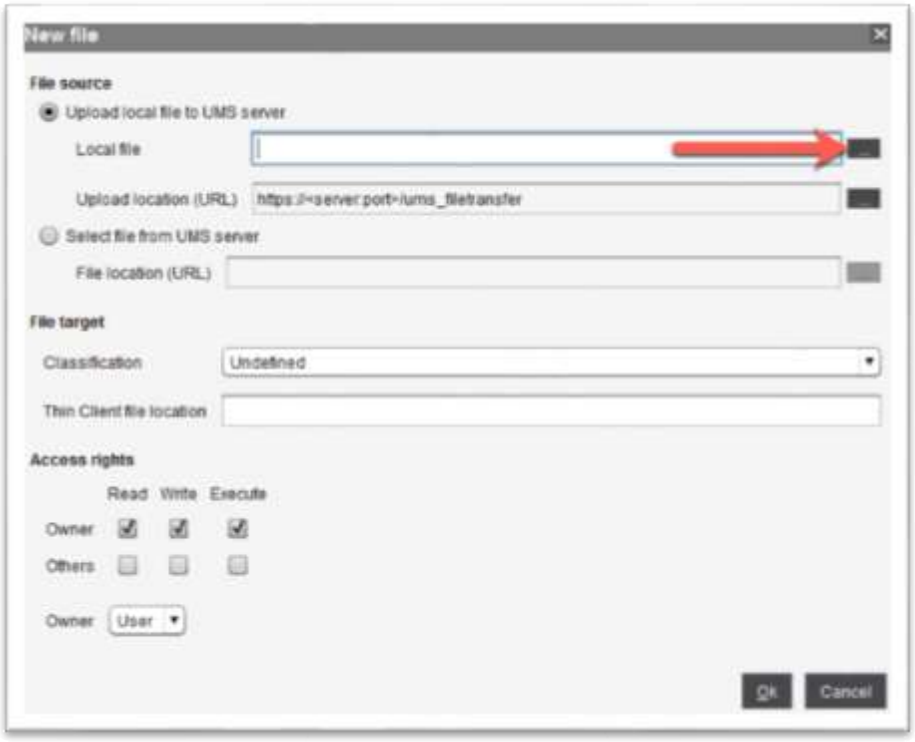
The following are before and after images of just a couple of the icons:

The following defines how to configure the perfect icon for your sessions:

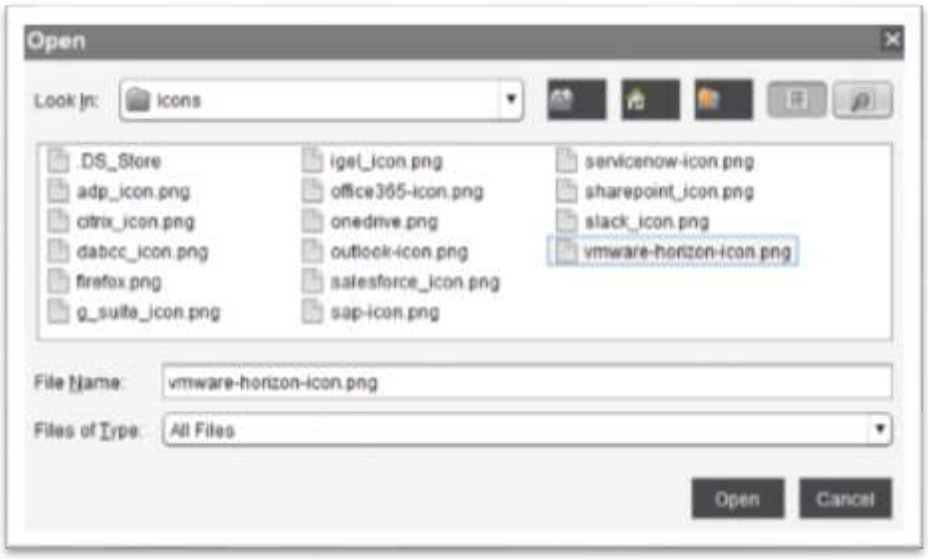
1. The first step is to upload the image you wish to assign to the session/web app. To do this, you will upload the image file to the UMS Files repository. From the UMS, right-click on the **Files** link in the left menu and click the **New file** link.



2. The **New file** window opens. For this example, you are required to have the icon image located on the machine running the UMS Console. Click the **…** icon located to the right of the **Local file** text box.

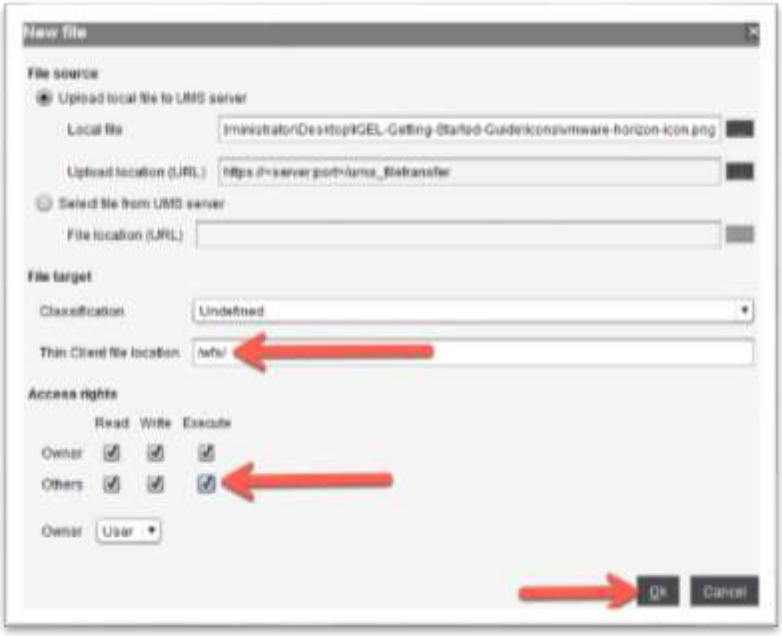


3. The **Open window** open. Browse to the location you stored the icon you wish to use, click to select it and then click the **Open** button to continue.

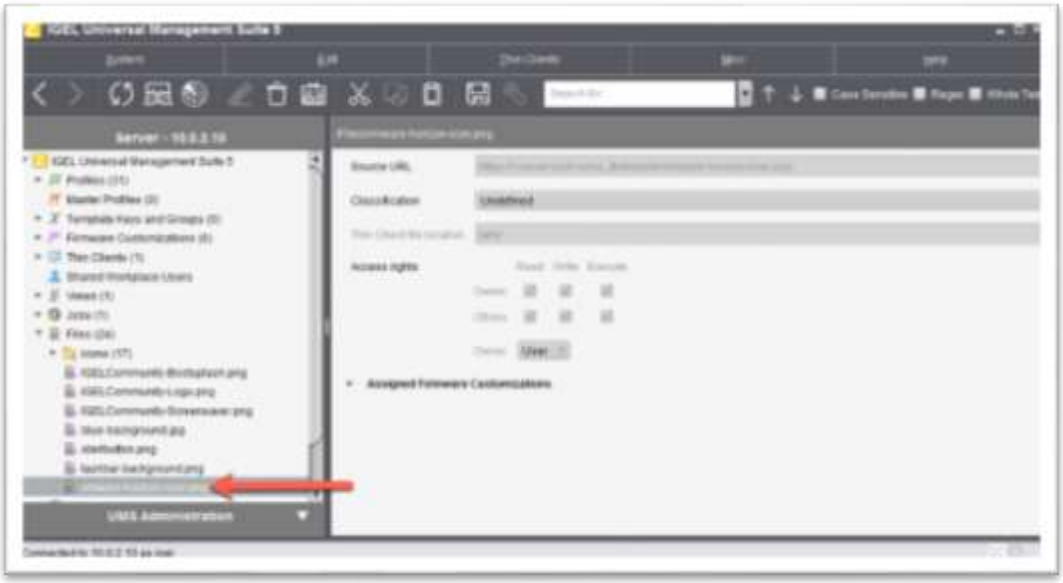


4. You are brought back to the **New file** window, and you will notice the icon image is listed in the **local file** text box. The next step is to assign the location on the UMS server where the file will be uploaded. Enter **/wfs/** in the **Thin Client file location** text box. Next check the **Read**, **Write** and **Execute** checkboxes to the right of **Others**.

   Click **OK** when finished to upload the image.

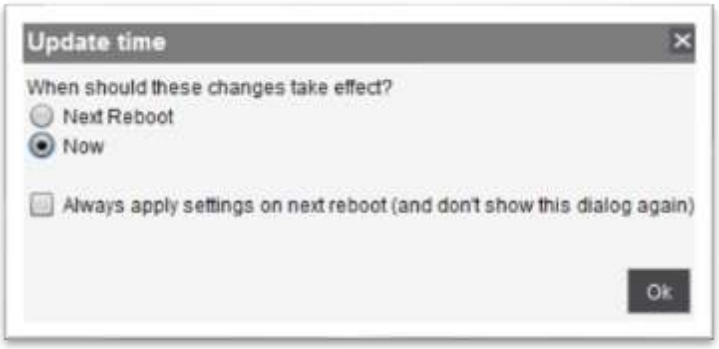


5. You are brought back to the UMS, and you will notice your new image has been uploaded and added to UMS Files repository, as shown below.

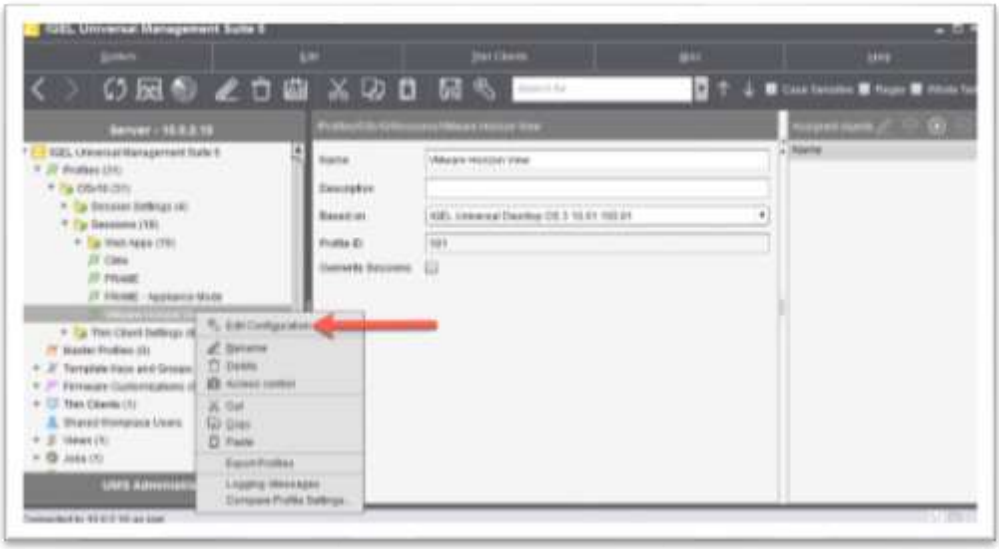


6. The next item you will need to accomplish it to assign that newly uploaded image to the folder(s) and/or device(s) you wish it to be used on. To do this, you will need to drag-and-drop the image to the desired folder(s) or device(s). It is that simple. Once you have done this the **Update time** window will open prompting you to define when you would like the image files to be copies to the desired devices. Select the desired setting and click the **OK** button.

> The icon is required to be assigned to the device before you change the profiles setting below or you will receive a not so attractive image, the default image.



7. Now it is time to edit the desired session's profile to utilize the newly uploaded icon. Right-click on the desired profile and click the **Edit Configuration** link.

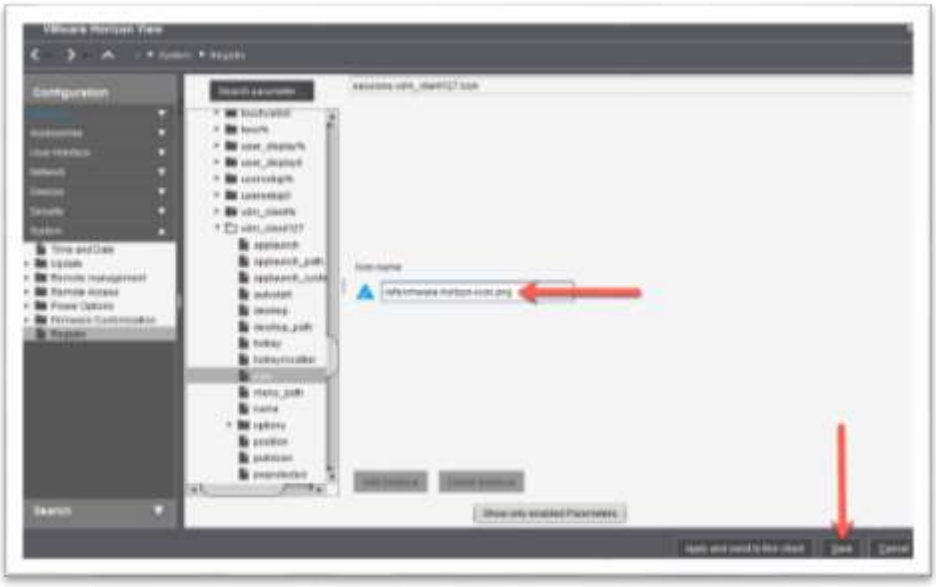


8. The profile configuration settings window opens, click the **System** profile node and click the **Registry** profile in the left menu. Click to select the **sessions** node in the right column.

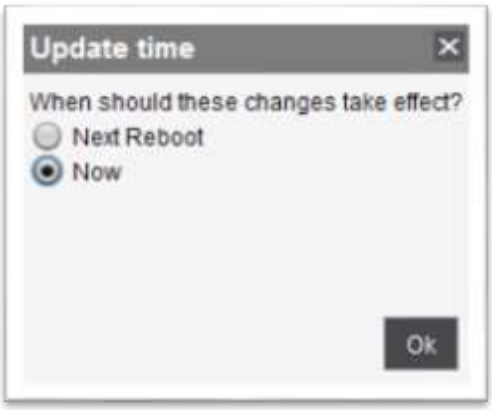
9. Depending on the session you wish to configure a custom icon for will depict which node you will click next. The rule of thumb is to use some common sense for the root of the name. For example, below you are changing the VMware Horizon client's icon, in the list, you will find a node called **vdm_client**. This makes sense. But it does get a bit tricky as two items start with **vdm_client**, a **vdm_client%**, and **vdm_client127**. It is the node with the numbers behind it that you will usually want. But trial and error will tell you if you are wrong or right.

   Click to select the desired node and then click to select the **Icon** profile node. You found it and will see the default icon name.

10. Enter the full path and name of the icon uploaded in step 2-4. For example, **/wfs/vmware-horizon-icon.png**. Once finished, click the **Save** button to continue.



11. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



12. Look to a managed IGEL OS, and you will see the session icon has been changed. Now does that not just look wonderful?

13. However, above you learned how to use some common sense to find the registry node for a session, for example, VMware or Citrix client, but what if you would like to deploy a web application or change the icon of the Firefox browser. This is a bit different, so we will explain!

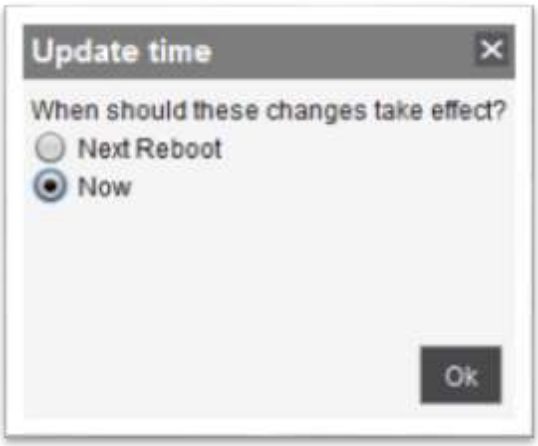
    First, you need to deploy a Firefox session to the IGEL OS and create and copy an icon to use for your Firefox session to the UMS files repository as detailed in steps 1-5 above. In the example below, you will use the **firefox.png** from the accompanying **IGEL-Getting-Started-Guide.zip** file.

14. Open the Firefox session's profile and browse to **System** > **Registry** > **sessions** > and then browse through the list until you find the browser entries. Like with the session icon node above, you will want to look for the entry with the numbers behind it. In the example below, you will see this as **browser113**. Of course, these numbers are not the same for every session. Click to expand the **brower113** and click the **icon** node.

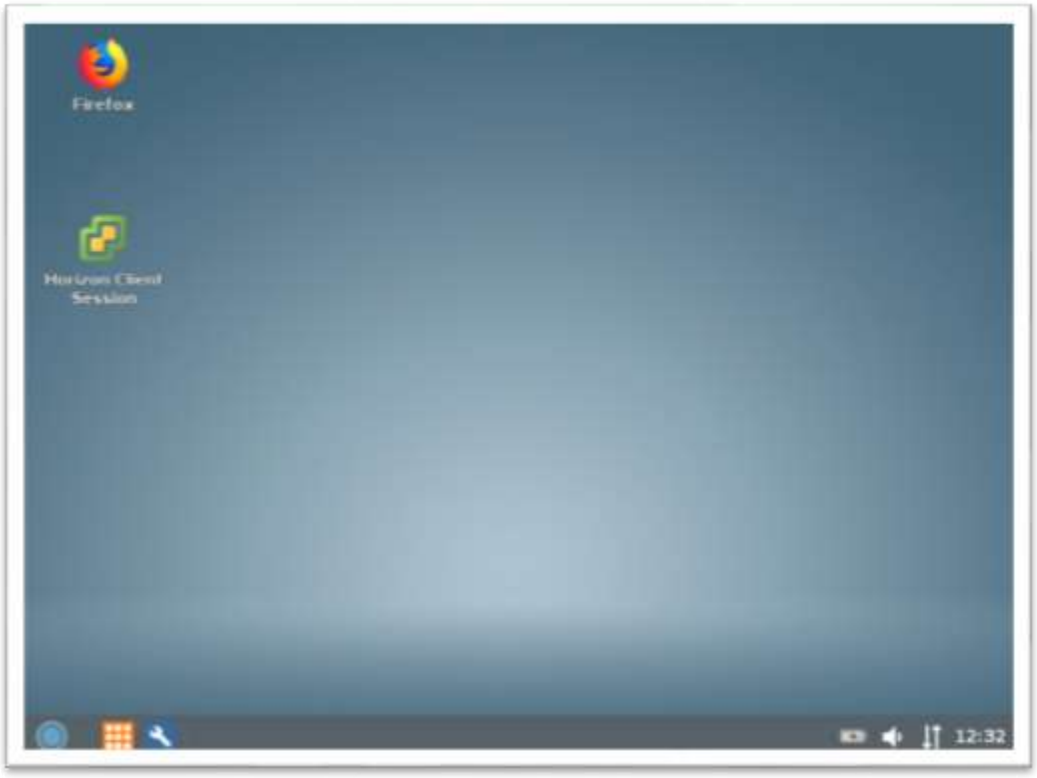
15. You see the default Firefox icon is **firefox**.

16. Click to enable the triangle checkbox and enter the name of the icon you uploaded, for this example use **/wfs/firefox.png** and click the **Save** button to continue.

17. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



18. Look at one of your managed devices, and you will notice the Firefox icon has come to life with a new fancy icon! Now that is one beautiful desktop and one your users will be familiar with a very much enjoy using!



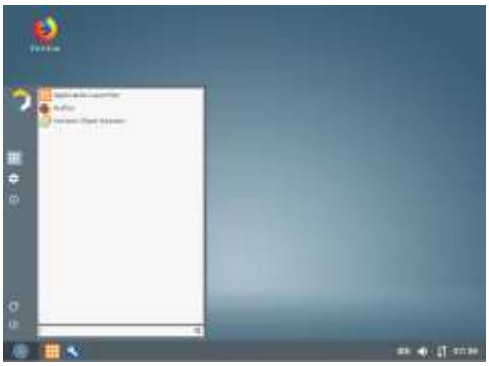
I'm happy to say; you have completed the steps required to make the IGEL OS truly your own! This is a great day for you, your users and the design world in general!

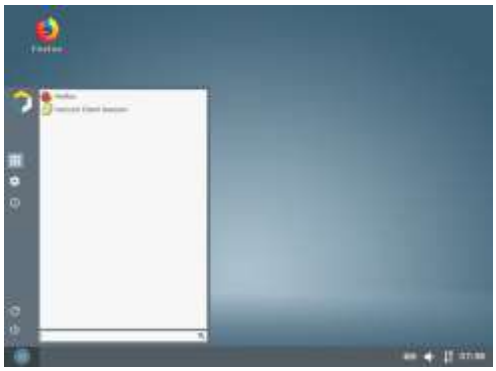
9. How to Lockdown the IGEL OS

Now that you have made your IGEL OS beautiful you will want to lock it down and remove some of the unnecessary user-interface components.

> The steps in this section are very simple and not, in anyway, meant to be an inclusive guide to securing the IGEL OS by locking it down. It is a starting point to show you what can be done. To learn more about how to secure and lockdown the IGEL OS, please refer to the **How to Secure Endpoints with IGEL OS** white paper.

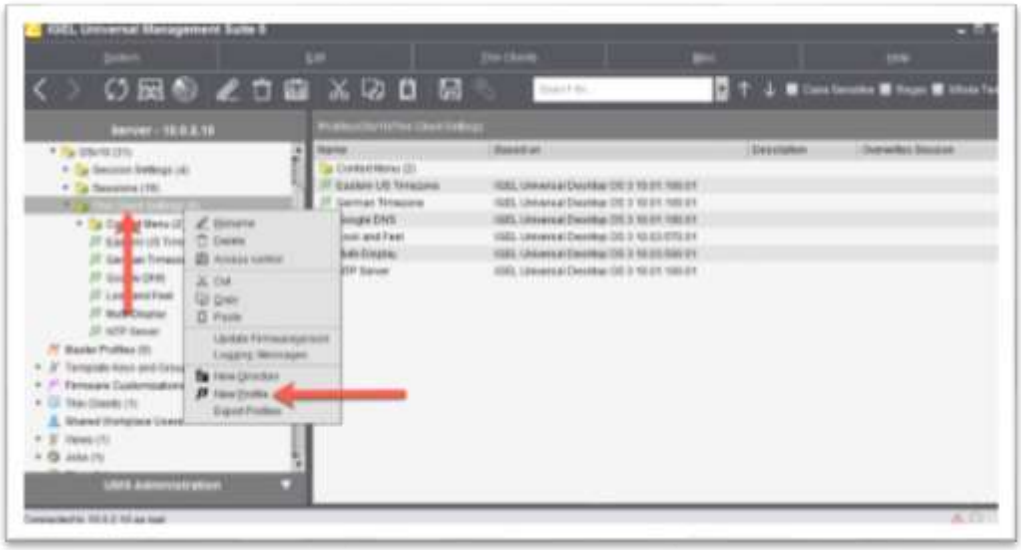
The following are before and after images showing a basic UI locked down:



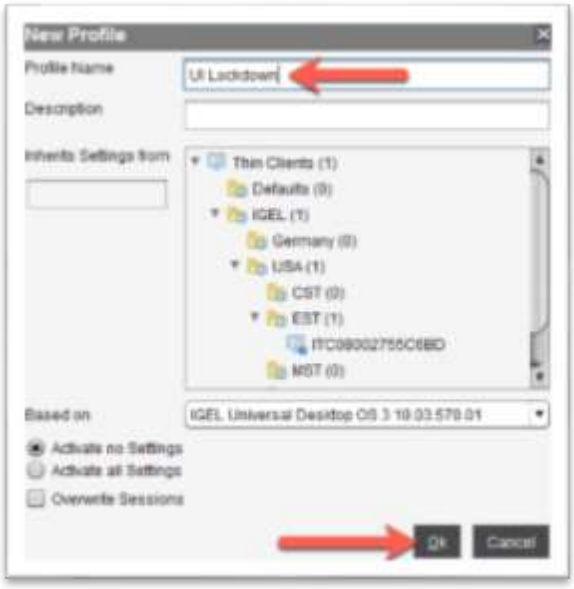


The following defines how to perform a basic UI lockdown of the IGEL OS:

1. From the UMS, right-click the location you wish to store the new profile and click to select the **New Profile** link.



2. Enter a detailed name in the **New Profile** text box and click the **OK** button to continue.

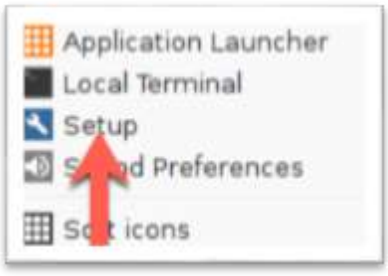


3. The policy window opens, if you click to expand the Accessories node, you will see the different areas the IGEL OS that can be customized. As you did above, look around and play around. There is so much you can do to design and lock down your environment the way that fits your users and requirements best.

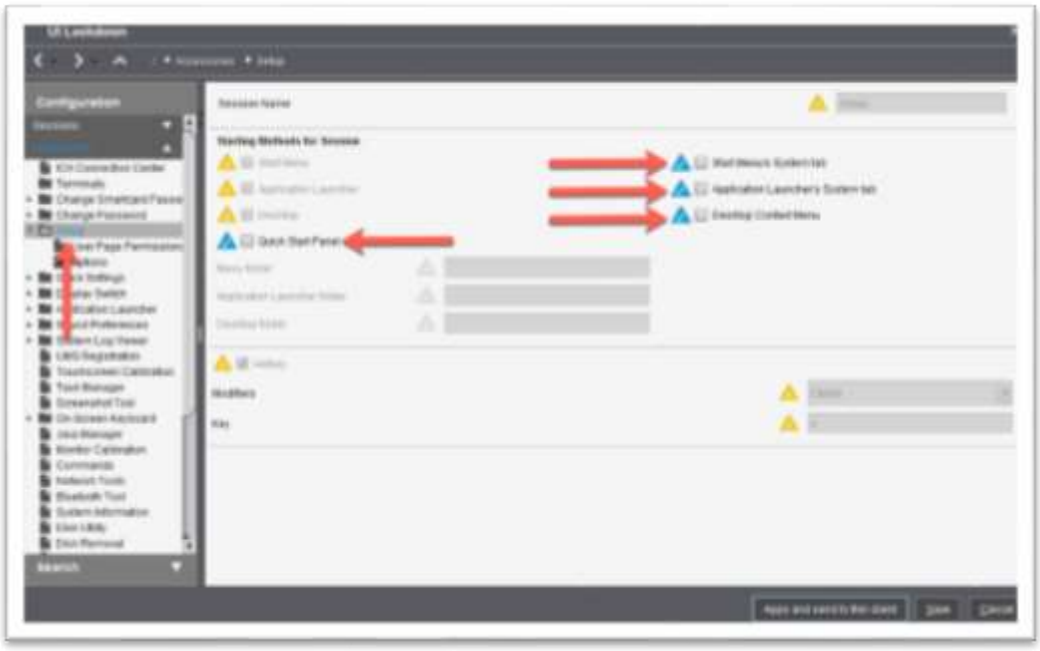
4. The first thing you might want to remove from your user's view is the IGEL Setup icon. The setup icon is shown in multiple places in an IGEL OS environment.

   On the taskbar:

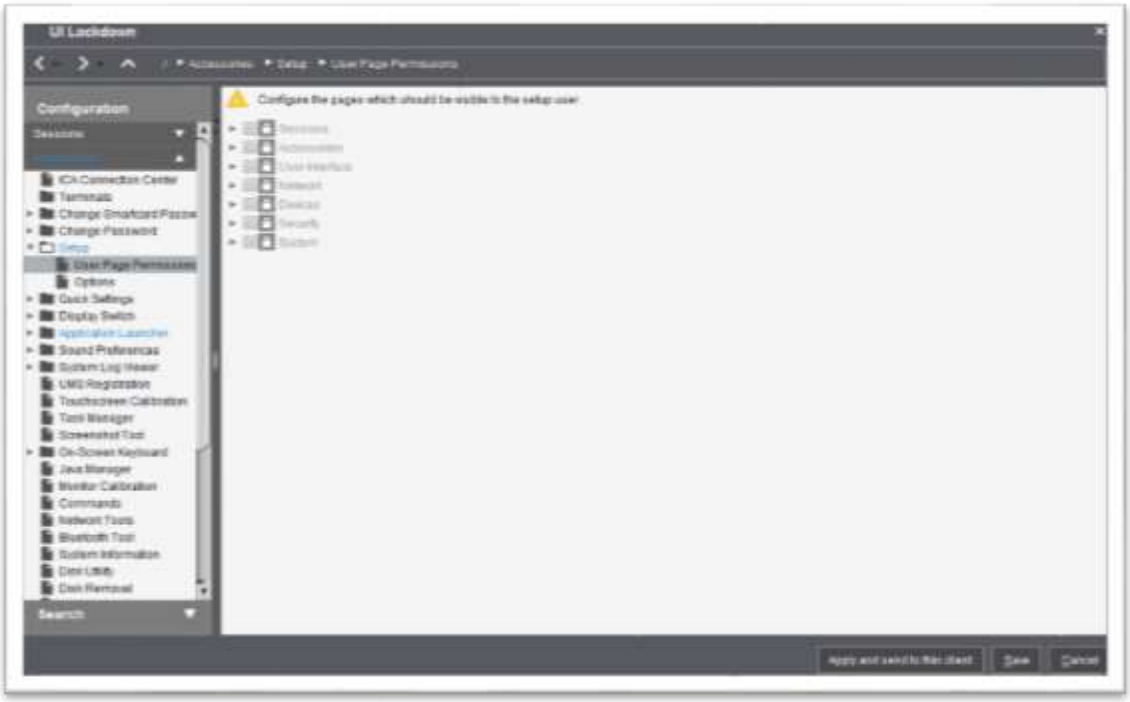
   And in the context menu, a user receives when they right-click on their desktop.



   If you desire to remove these, all you need to do is browse to the **Accessories** node and then click to open the **Setup** profile. In the **Starting Methods for Session** section, you are presented with the different locations the session icon is deployed. In this case, you will want to uncheck all options to remove the **Setup** applet for the user throughout the UI.



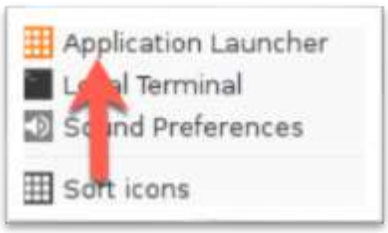
5. Click to expand the **Setup** node and click the **User Page Permissions** profile. You are presented with the different setup pages you can allow or deny visibility to your users. Since above you removed the setup icon across the all your UI you don't need to worry about these settings but do note they are there and that you don't have to remove everything but only what you desire and require. Again, this is the genius of the IGEL solution; almost everything is configurable.



6. The next item on the chopping block is the **Application Launcher**. Of course, this is up to you. By default, your users will see the same session icons on the desktop and when clicking to open the Start button as they will within the Application Launcher. This might be overkill and hence removing the Application Launching might have the benefit of cleaning up the look and feel.

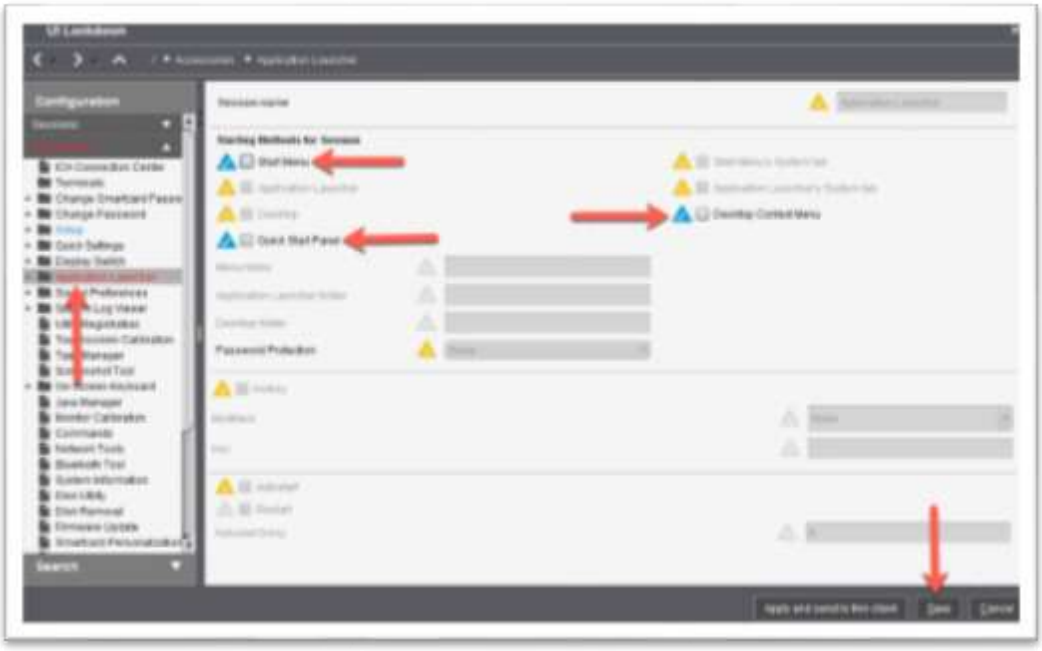
   By default, the Application Launcher is located on the taskbar, as shown below:

   And in the context menu, a user receives when they right-click on their desktop.

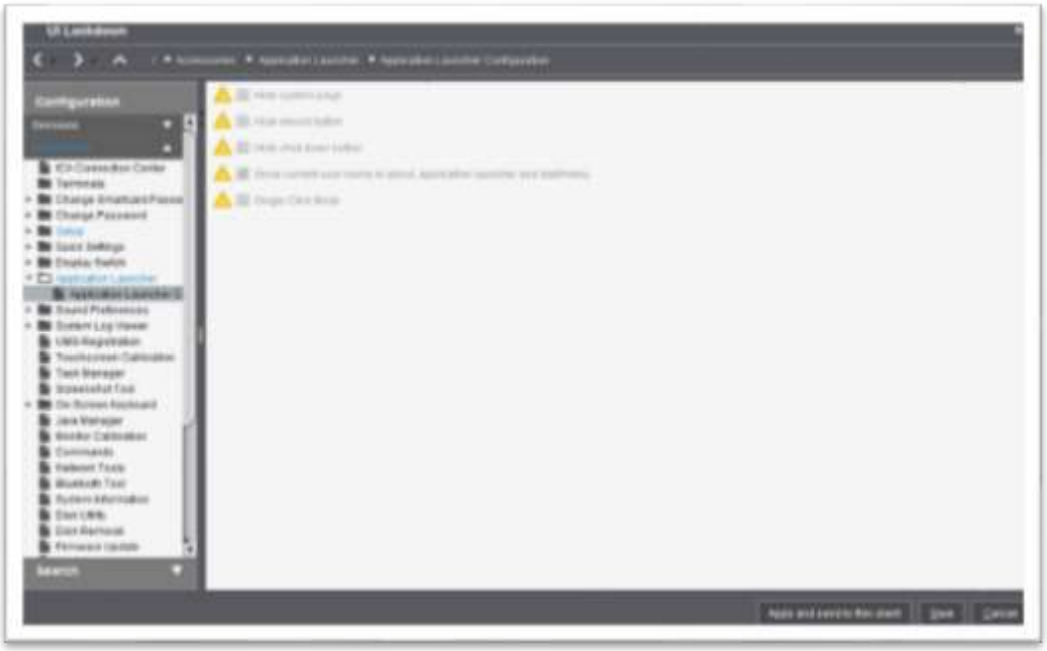


   If you desire to remove the Application Launcher icon, all you need to do is browse to the **Accessories** node and then click to open the **Application Launcher** profile. In the **Starting Methods for Session** section, you will uncheck the locations you wish to hide the icon on, as you did for the setup applet.

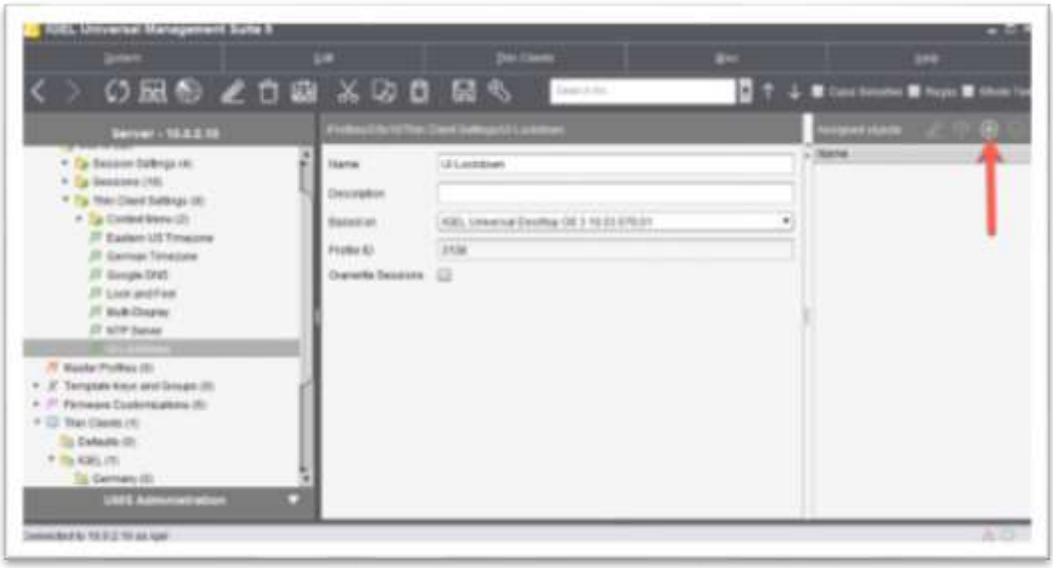
   From there, you are done and can click the **Save** button. Though, feel free to look around as there are so many more configurations to be played with.



7. For example, if you click to expand the **Application Launcher** node, you will find the **Application Launcher Configuration** profile. Here you can configure items such as hiding the systems page or reboot icon. This is up to you. Have fun as the sky is your limit!

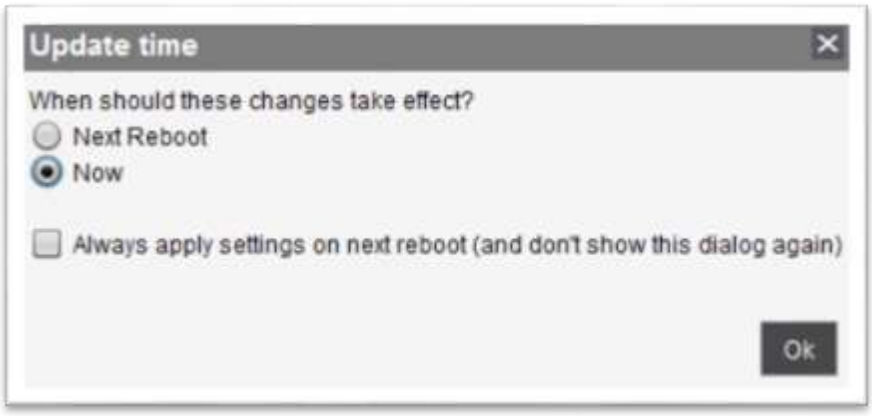


8. Once you saved your profile, you will want to assign it to the desired folder(s) and device(s). As always, you do this by clicking the + icon located at the top right of the profile page in the UMS.

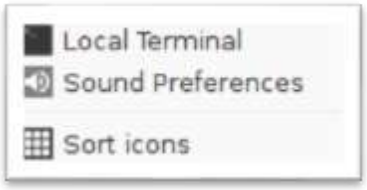


12. The **Select assignable objects** window opens prompting you to assign the profile to the desired devices. Click to select the folder(s) and device(s) you wish to assign the profile to and click the > arrow to move it to the **Selected objects** pane. Once finished, click the **Finish** button to assign your new profile.

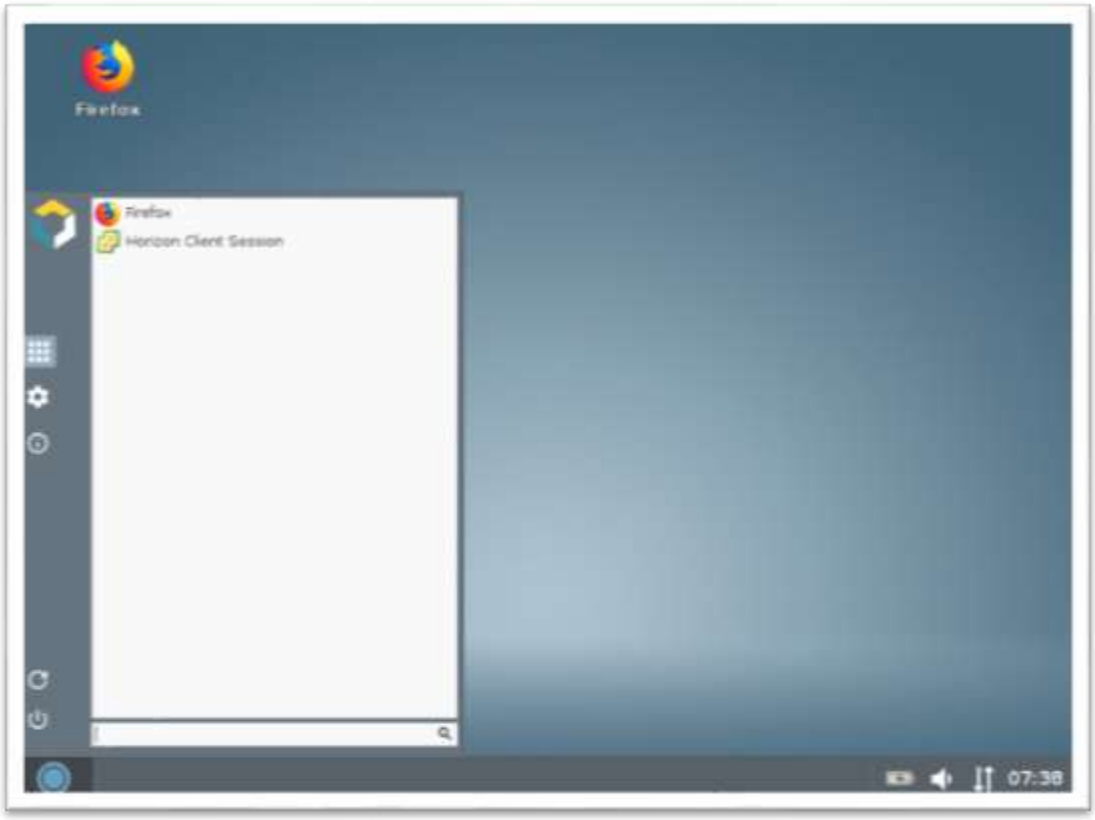
9. You are prompted to select when you would like the changes to take effect. Of course, this is up to you. Select the desired setting and click **OK** to continue.



10. If all goes as planned, the Application Launcher icon is removed from both the desktop's right-click context menu, as shown below.



And from the start menu and the taskbar!



Tell me that does not look great! Just what your users need, not too much and not too little, not too hot and not too cold. The three little pigs would be happy with you and so will your users.

Again, this just a start in locking down and customizing the IGEL OS. As we have said many times before and will say many times again, the genius of the IGEL solution is the ability to do so much with it in such an easy fashion. Have fun, play around, and design the most amazing environment just for you and your users. They will thank you, and Steve Jobs would be proud of you!

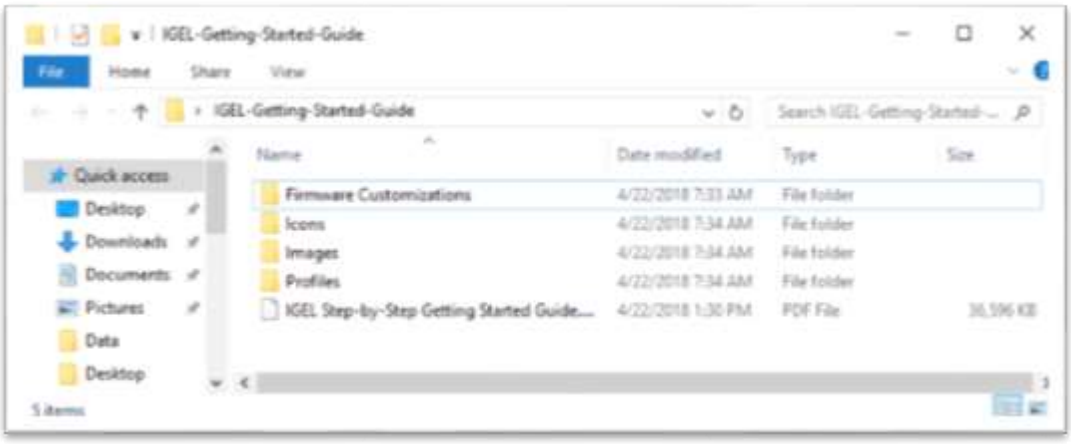
Appendix

1. How to Import Project Customizations

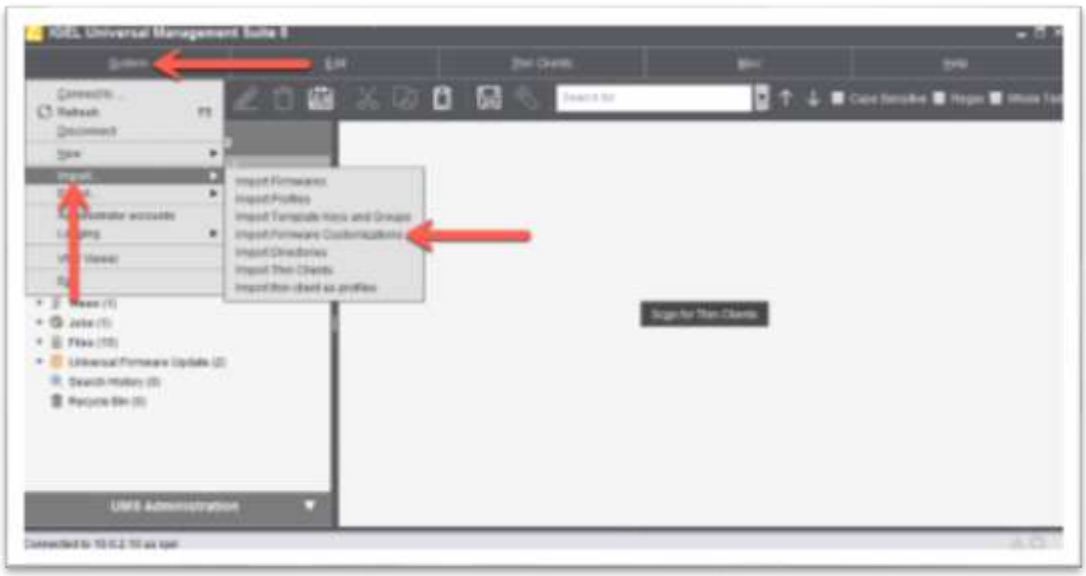
The IGEL Platform Step-by-Step Getting Started Guide is delivered with a zip file containing the UMS profiles, firmware customizations, images and icons used in the customization section.

The following defines how to import the custom customizations:

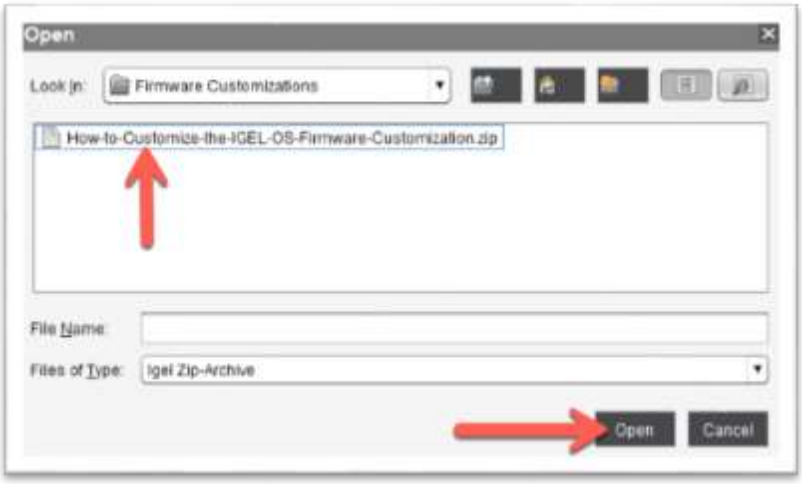
1. Extract the contents of the **Customizing-the-IGEL-OS-UI.zip** file to a location accessible to be uploaded to the UMS. If you are running the UMS on Windows, the desktop works great.



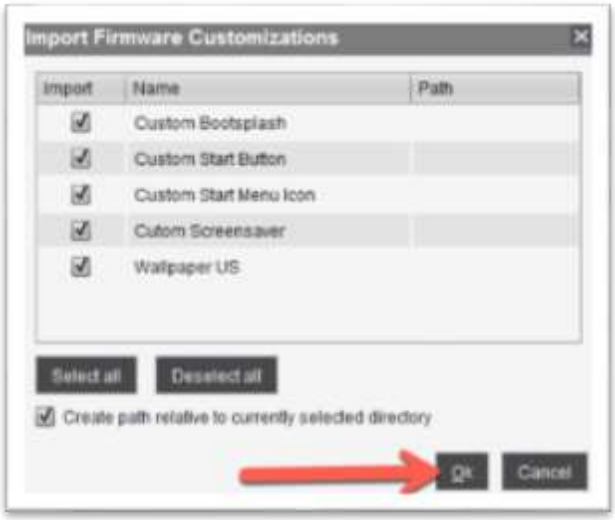
2. The first thing you will want to do is import the firmware customizations. Click the **Systems** link in the top left of the UMS, click the **Import** link in the drop-down menu and then click the **Import Firmware Customizations** item.



3. The **Open** window opens. Browse to the location you extracted the **Customizing-the-IGEL-OS-UI.zip** file and drilled down to the **Firmware Customizations** folder. Click to select the **How-to-Customize-the-IGEL-OS-Firmware-Customizations.zip** file and then click the **Open** button to upload it.

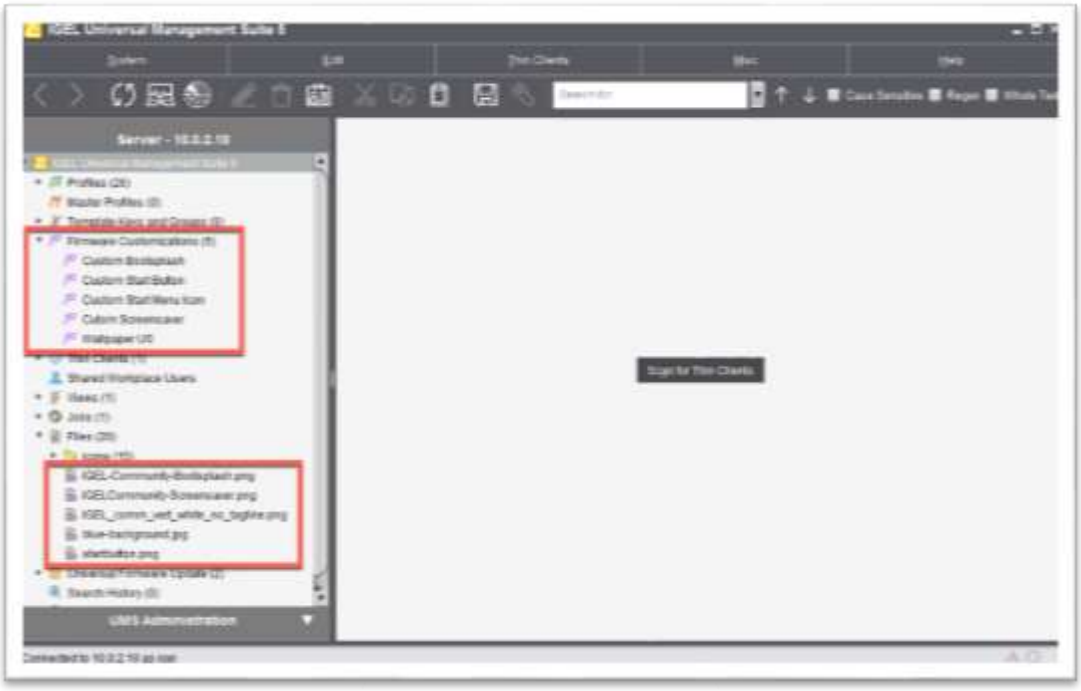


4. The **Import Firmware Customizations** window opens listing the firmware customization included in the zip file. Accept the defaults to import all the customizations and then click the **OK** button to continue.

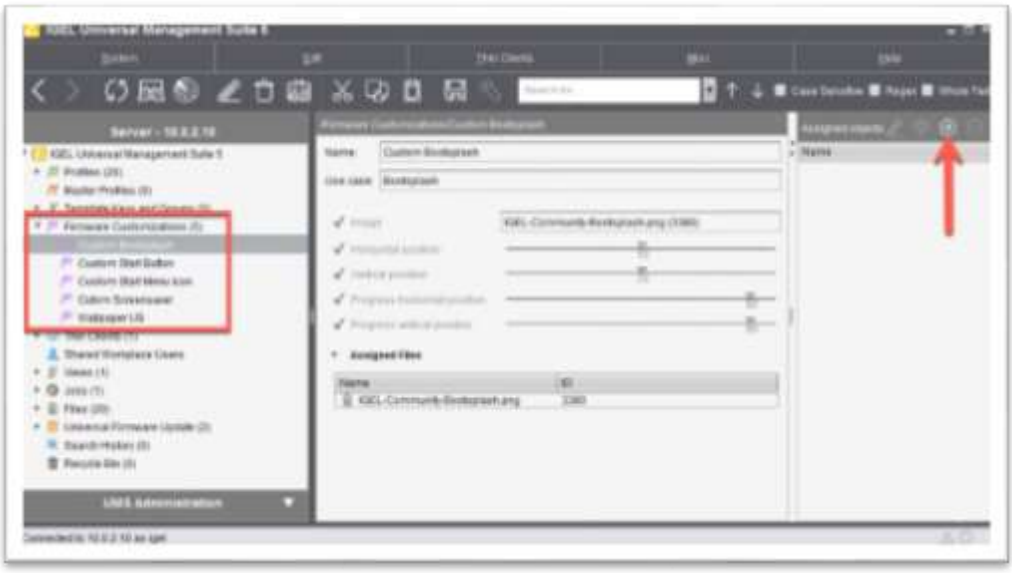


5. If life is good, you will see the following popup prompting you the import was successful. Click **OK** to continue.

6. You are brought back to the UMS, where you will notice a few new items. The first is the firmware customizations where imported and added to the **Firmware Customizations** section and the other being the images associated with each customization where added to the UMS' **Files** repository.



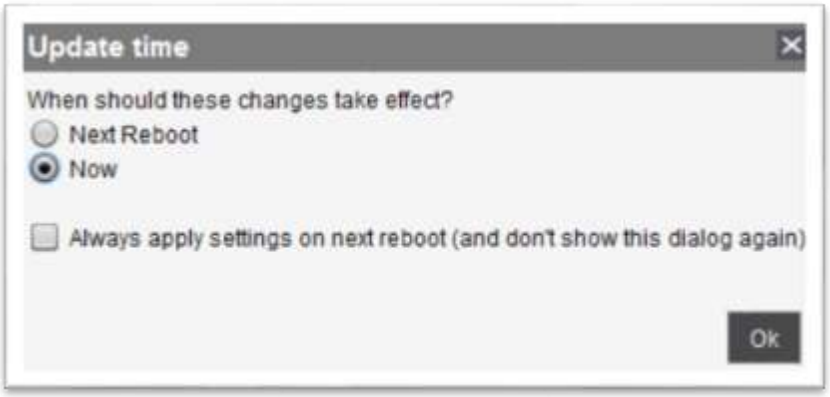
7. Once the firmware customizations are imported you are required to assign each configuration to the desired device(s). Click the desired firmware customization and click the + icon located at the top right of the UMS.



12. The **Select assignable objects** window opens prompting you to assign the firmware customization to the desired devices.

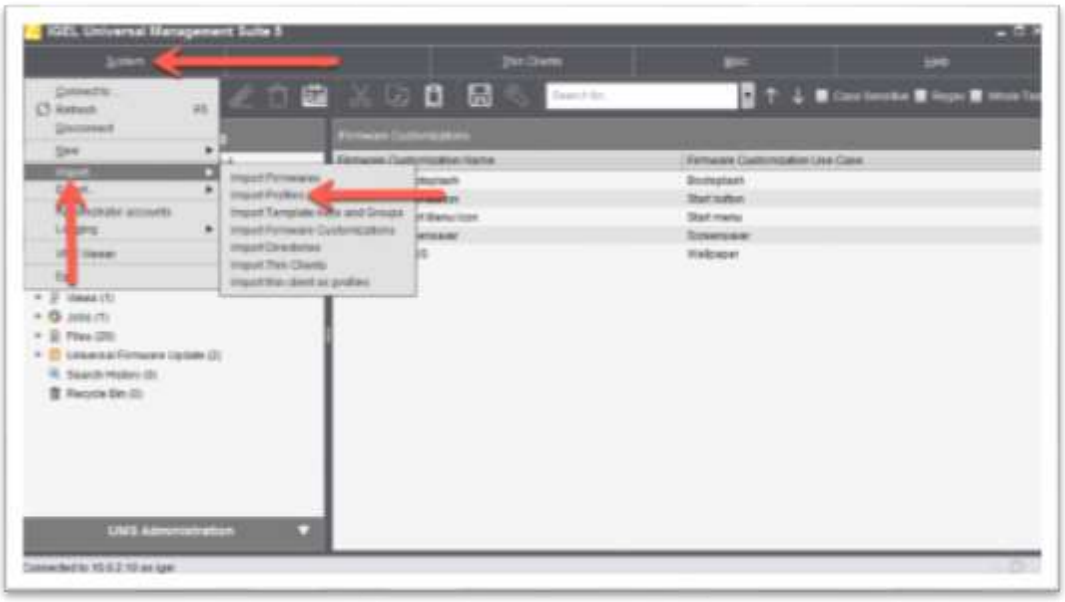
    Click to select the device or directories you wish to assign the firmware customization to and click the > arrow to move it to the **Selected objects** pane. Once finished, click the **Finish** button to assign your new firmware customization.

8. The **Update time** dialog box is opens prompting you to define when you would like the new settings to take effect. Select the desired setting and click **OK** to continue.

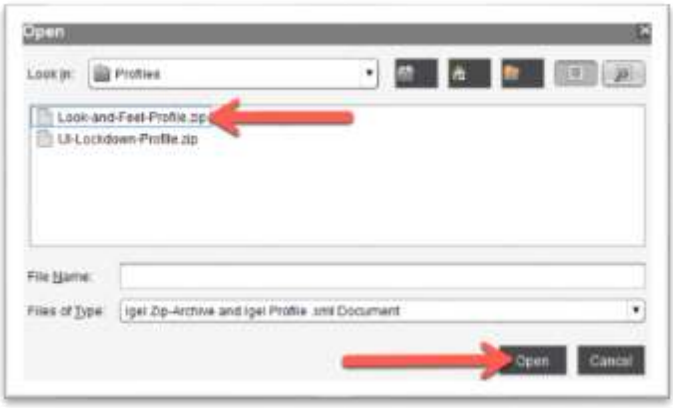


9. Look at one of your managed devices; you will notice the customization has been applied. Your desktop is starting to look like the one in this guide.

10. The next step is to import the delivered UMS profiles. Click the **Systems** link in the top left of the UMS, click the **Import** link in the drop-down menu and then click the **Import Profiles** item.



11. The **Open** window opens. Browse to the location you extracted the **IGEL-Getting-Started-Guide.zip** file, click to select the first profile from the **Profiles** directly and then click the **Open** button to upload it.

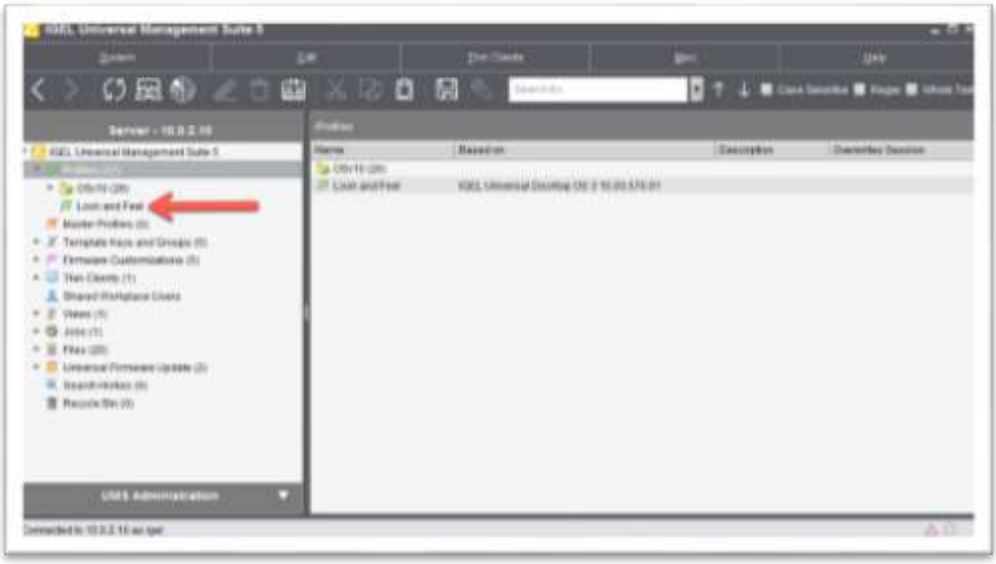


12. The **Import Profiles** window opens listing the profiles within the selected profiles zip file. Accept the defaults and click **OK** to import the profile to your UMS.

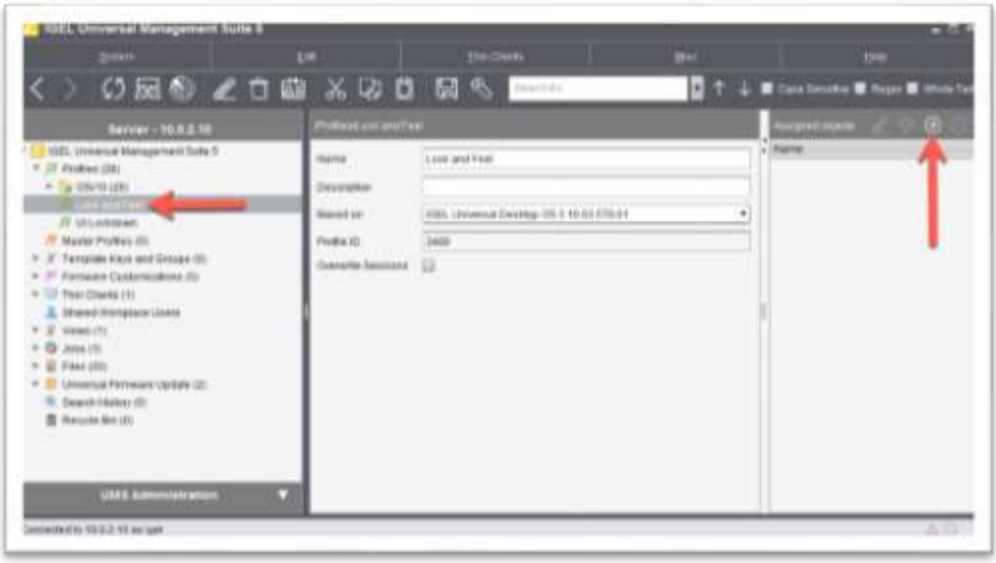
13. Click **OK** to continue.

14. The profile is imported into the root of the UMS **Profiles** tree. You are free to drag and drop it into the desired folder or leave it where it sits.

    Repeat steps 10-13 to import the second included profile zip file.

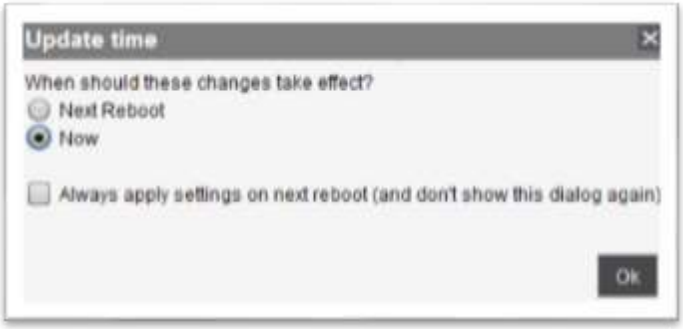


15. As with the firmware customizations you are required to assign the newly imported profile to the desired device(s). Click the desired profile and click the + icon located at the top right of the UMS.

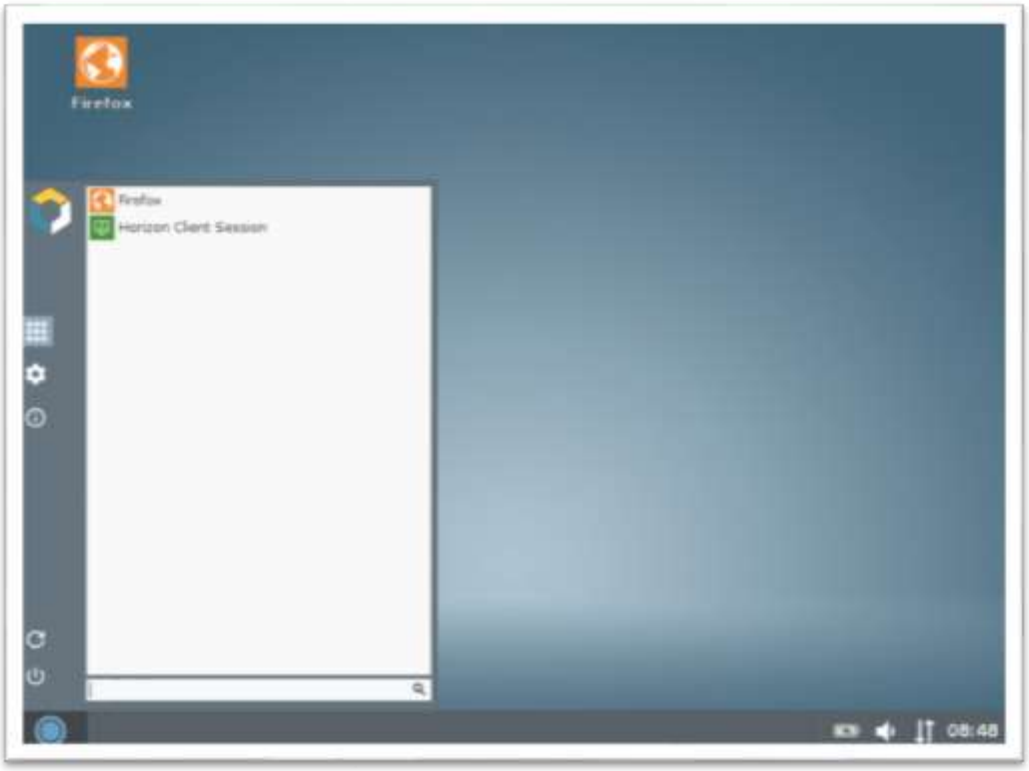


16. The **Select assignable objects** window opens prompting you to assign the profile to the desired devices. Click to select device(s) or directories you wish to assign the profile customization to and click the > arrow to move it to the **Selected objects** pane. Once finished, click the **Finish** button to assign the new profile.

17. The **Update time** dialog box is opens prompting you to define when you would like the new settings to take effect. Select the desired setting and click **OK** to continue.



18. Look at a managed IGEL OS device, and you will notice it is not fully customized and should look just like the image below.



19. You are now ready to customize the icons. Please refer to the **How to Customize Session Icons** section above.

You are done! It is truly a beautiful day!

2. Customizing-the-IGEL-OS-UI.zip Files Explained

The IGEL Platform Step-by-Step Getting Started Guide comes with a zip file containing example UMS profiles, images and icon used in the customization section. Refer to the **How to Import Project Customizations** section above to learn how to import the following configurations into your environment.

The following is a list detailing the files located in the **Customizing-the-IGEL-OS-UI.zip** file.

Root Folder:

Filename	Description
\Customizing-the-IGEL-OS-UI.zip	This document, the main how-to install and configure the **IGEL Platform Step-by-Step Getting Started Guide.**

Firmware Customizations Folder:

Filename	Description
How-to-Customize-the-IGEL-OS-Firmware-Customization.zip	Backup file containing the Firmware Customizations found in the **How to Customize the Start Button**, **How to Customize the Start Menu Icon**, **How to Customize the Desktop Wallpaper**, **How to Customize the Screensaver**, and **How to Customize the Bootsplash Image** sections.

Icons Folder:

Filename	Description
\icons\adp_icon.png	ADP icon image
\icons\citrix_icon.png	Citrix icon image
\icons\dabcc_icon.png	DABCC.com icon image
\icons\firefox.png	Firefox icon image
\icons\g_suite_icon.png	Google G-Suite icon image
\icons\igel_icon.png	IGEL icon image
\icons\office365-icon.png	Microsoft Office 365 icon image

\icons\onedrive.png	Microsoft OneDrive icon image
\icons\outlook-icon.png	Microsoft Outlook icon image
\icons\salesforce_icon.png	Salesforce icon image
\icons\sap-icon.png	SAP icon image
\icons\servicenow-icon.png	ServiceNOW icon image
\icons\slack_icon.png	Slack icon image
\icons\vmware-horizon-icon.png	VMware Horizon View icon image

Profiles Folder:

Filename	Description
\Profiles\Look-and-Feel-Profile.zip	How to Customize the UI Theme Colors UMS profile archive zip file.
\Profiles\UI-Lockdown-Profile.zip	How to Lockdown the IGEL OS UMS profile archive zip file.

Images Folder:

Filename	Description
\ images\blue-background.jpg	Blue wallpaper image
\images\IGELCommunity-Bootsplash.png	IGEL Community bootsplash image
\images\IGELCommunity-Logo.png	IGEL Community logo image for the start menu
\images\IGELCommunity-Screensaver.png	IGEL Community logo image for the screensaver
\images\startbutton.png	Start button image