



Customizing UDS Enterprise login portal by authenticator



#SmartDigitalWorkplace

VIRTUAL CABLE

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Introduction

UDS Enterprise 4.0 allows customizing the user login portal. It is possible to modify different elements of the portal's appearance, such as logos, backgrounds, styles, etc.

This document explains how to make different customizations of the UDS Enterprise login portal for the different authentication systems existing on this platform.

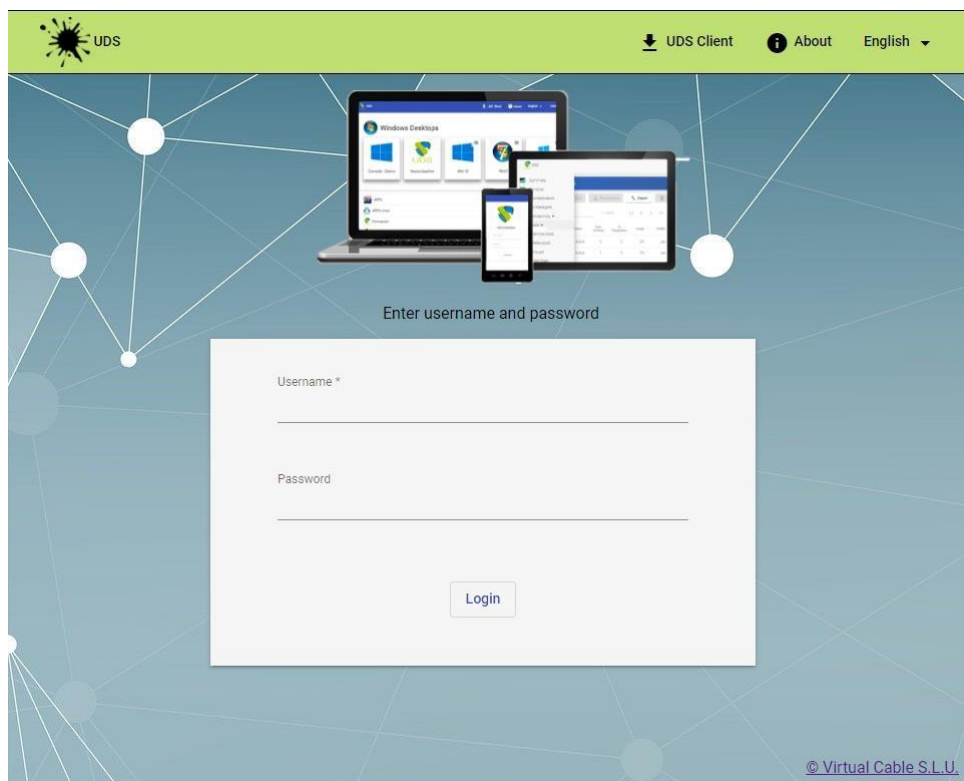
CSS template creation

The first task that you will have to perform is to design and configure the different access portals. To do this, you will use the portal customization via CSS available in the UDS Enterprise administration.

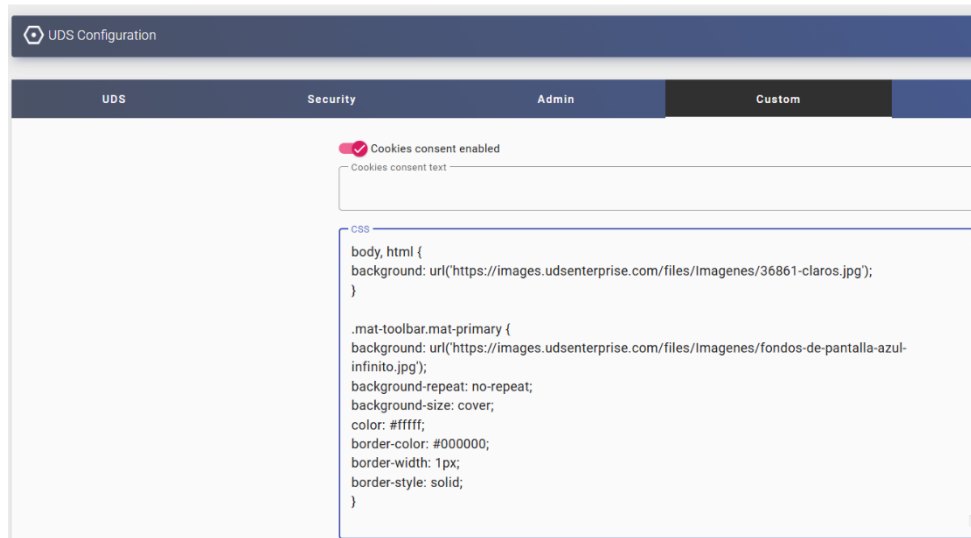
Access the control panel with an administrator user. In the "Tools" menu, go to the "Settings" section and, once there, go to the "Custom" tab.

All the customizations that you apply in the "CSS" section can be applied to different authenticators' portals registered in UDS Enterprise.

Below is an example of customization of the UDS Enterprise login portal



The customization applied has been configured in the **"CSS"** section:



Once you have UDS Enterprise portal customized, copy all the **CSS** code and paste it into a file within the UDS server.

Note: To access the portal using the labeled method we will have to leave the CSS field of the UDS Enterprise configuration empty.

You will give this new file the same name as the authenticator label with a **.css** extension. It will have to be hosted in the path: **/var/server/static/** of the UDS server.

In the following example, the **int.css** file is created with the **css** code shown above:

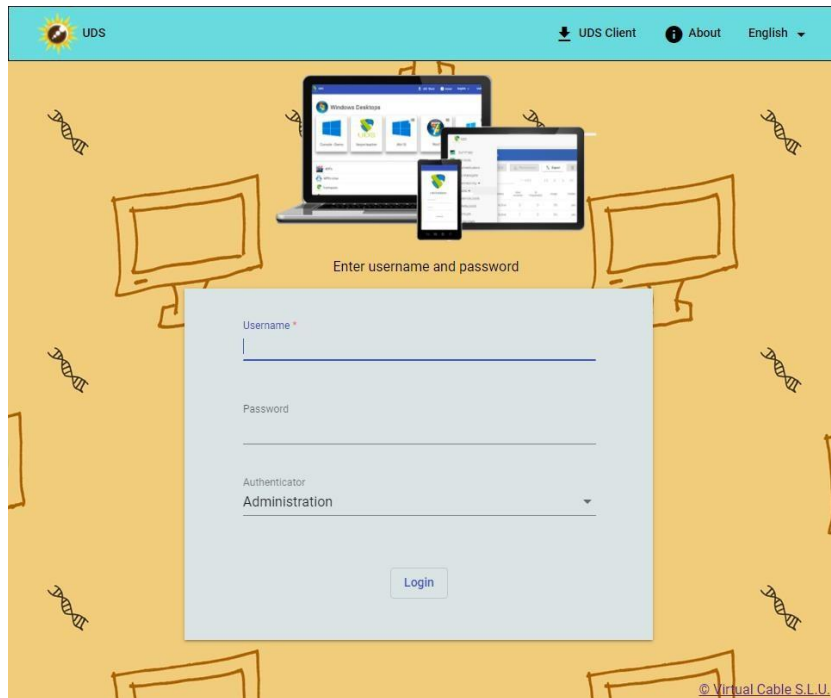
```
GNU nano 3.2 /var/server/static/int.css Modified
.udsicon { width:50px; height:50px; box-sizing:border-box; padding-left:50px; background: url('https://images.
.login-brand img { width:400px; height:193px; box-sizing:border-box; padding-left:400px; background: url('
body, html { background: url('https://images.udsenderprise.com/files/Imagenes/back1920.jpg'); }
.mat-toolbar.mat-primary { background: #c0df72; background-repeat: no-repeat; background-size: cover; color: #0
.login-form { background: #f5f5f5; }
```

The name of the file is **"int"**, since the label of the authenticator in which this customization will be applied has the same name:

You will create all the **.css** files for the different personalized access portals that you need.

Id	Name ↑	Type	Comments	Priority	Label	Users
<input type="checkbox"/> 1	 Administration	Internal Database		0	admin	0
<input type="checkbox"/> 2	 Client 1	Internal Database		1	int	0
<input type="checkbox"/> 3	 Client 2	Internal Database		2	int2	0

For this example, a second custom portal has been designed:



Once the customization of the portal is finished, you will copy all the **css** code again and create the second **.css** file.

```
GNU nano 3.2 /var/server/static/int2.css Modified
.udsicon { width:50px; height:50px; box-sizing:border-box; padding-left:50px; background: url('https://images
.login-brand img { width:400px; height:193px; box-sizing:border-box; padding-left:400px; background: url(
body, html { background: url('https://images.udsenderprise.com/files/Imagenes/1920.jpg'); }
.mat-toolbar.mat-primary { background: #68dbdf; background-repeat: no-repeat; background-size: cover; color: #
.login-form { background: #dbe4e5; }
```

In this case, the file will be called "**int2.css**", since the label of the authenticator in which this customization will be applied has the name "**int2**":

Id	Name ↑	Type	Comments	Priority	Label	Users
<input type="checkbox"/> 1	 Administration	Internal Database		0	admin	0
<input type="checkbox"/> 2	 Client 1	Internal Database		1	int	0
<input type="checkbox"/> 3	 Client 2	Internal Database		2	int2	0

You will have all the **css** files that you need with their respective names, as you can see in the following screenshot:

```
root@broker-400:/var/server/static# ls -la
total 28
drwxr-x--- 7 uds www-data 4096 Mar 13 12:50 .
drwxr-xr-x 8 uds www-data 4096 Mar 13 12:44 ..
drwxr-x--- 3 uds www-data 4096 Mar 12 19:29 admin
drwxr-x--- 2 uds www-data 4096 Mar 12 19:29 clients
drwxr-x--- 2 uds www-data 4096 Mar 12 19:29 fonts
-rw-r--r-- 1 root root      0 Mar 13 12:50 int2.css
-rw-r--r-- 1 root root      0 Mar 13 12:50 int.css
drwxr-x--- 4 uds www-data 4096 Mar 12 19:29 modern
drwxr-x--- 2 uds www-data 4096 Mar 12 19:29 other
```

The next step will be to access the following file on the UDS server:

`/var/server/uds/templates/uds/modern/index.html`

By default, in the file (on line 81) you'll see the following commented code:

```
</script>
<script type="text/javascript" src="{% url 'utility.jsCatalog' LANGUAGE_CODE %}">
<!-- <script type="text/javascript">
    var head = document.getElementsByTagName('HEAD')[0];
    var link = document.createElement('link');
    link.rel = 'stylesheet';
    link.type = 'text/css';
    link.href = '/uds/res/' + udsData.config.tag + '.css';
    head.appendChild(link);
</script> -->
<link rel="stylesheet" href="/uds/res/modern/styles.css"><link rel="stylesheet" href="/uds/res/modern/styles.css">
```

NOTE: If this code does not exist in the file of your UDS server, it will be necessary to update to a more recent version, since your UDS Enterprise current version does not support the creation of different personalized login portals.

Uncomment the code and leave it enabled as shown in the following image:

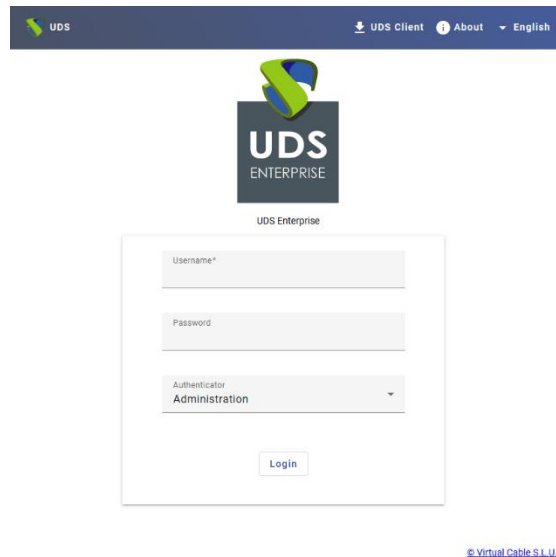
```
</script>
<script type="text/javascript" src="{% url 'utility.jsCatalog' LANGUAGE_CODE %}">
<script type="text/javascript">
    var head = document.getElementsByTagName('HEAD')[0];
    var link = document.createElement('link');
    link.rel = 'stylesheet';
    link.type = 'text/css';
    link.href = '/uds/res/' + udsData.config.tag + '.css';
    head.appendChild(link);
</script>
<link rel="stylesheet" href="/uds/res/modern/styles.css"><link rel="stylesheet" href="/uds/res/modern/styles.css">
```

Finally, restart the UDS server.

Access to the login portal using a label

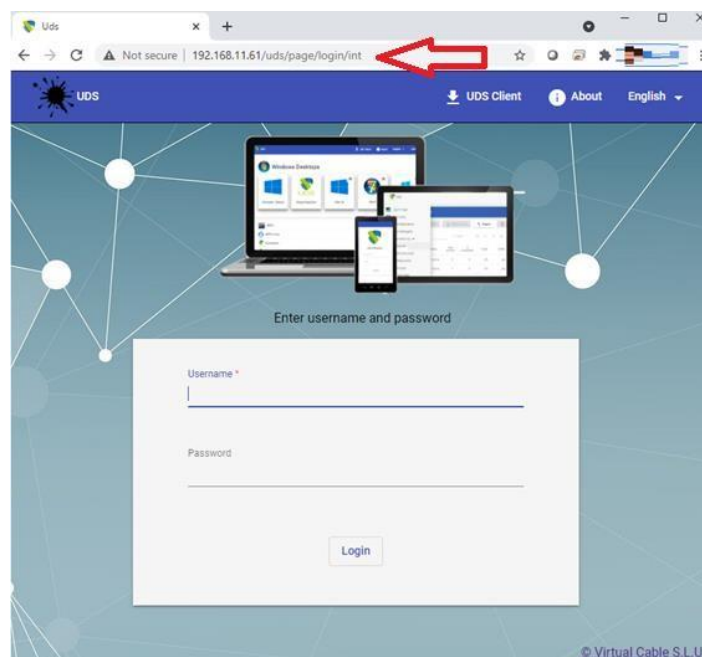
Once all the tasks described above have been completed, you will be able to test the access to the different authenticators and custom portals that you have created.

If you access the default login page, you will see that it is not customized (in this example the **CSS** field of the UDS Enterprise customization has been left completely empty):

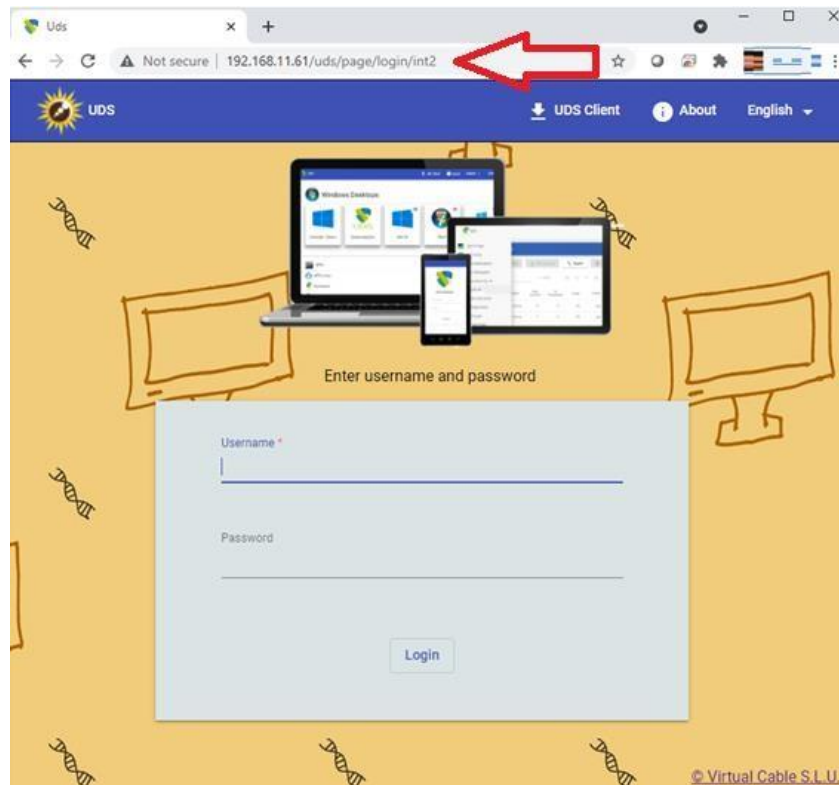


If you access a specific authenticator via label, you will see that the login portal is personalized.

Access with label "int":



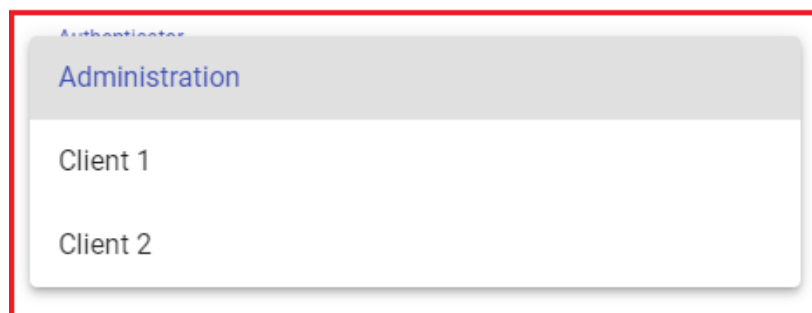
Access with label "int2":



In this type of scenario with different access portals, it is recommended to completely disable the authenticator selector, since if a user manually deletes the label in his path, he will be able to view all the authentication systems:

Username *

Password



To completely disable the selector, access the UDS Enterprise administration dashboard with a user with administrator permissions. Go to the section: **"Tools" - "Configuration"**, tab **"UDS"** parameter **"disallowGlobalLogin"**:

Once enabled, save the changes and restart the UDS servers.

Once applied, you will see that the authenticator selector is no longer displayed in the login portal. If you access the login portal without label, the authenticator applied will be the one that comes by default (the authenticator with the lowest priority).

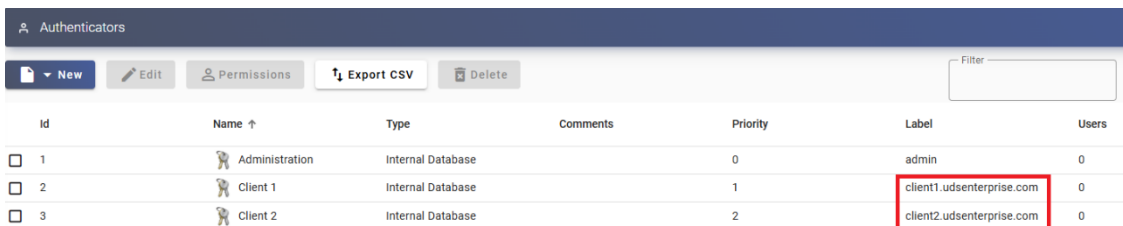
UDS	Security
	<p>UDS ID 74a878c4-7deb-5e36-942c-ce347c523f80</p> <p><input type="checkbox"/> autorunService</p> <p>cacheCheckDelay 19</p> <p>Calendar access denied text</p> <p>checkUnusedTime 631</p> <p>cleanupCheck 3607</p> <p>delayedTasksThreads 4</p> <p><input checked="" type="checkbox"/> disallowGlobalLogin</p>

Portal access via unlabeled domain

Access to the different portals can also be done directly via domain. In this case, the authenticator label is not used in the access URL.

If we want to access via domain without a tag, it is necessary to completely disable the authenticator selector for its correct operation, within the "Tools" - "Configuration" section, "UDS" tab "disallowGlobalLogin" parameter, as explained in the previous section

To configure this access, you must add the full domain name in the "label" field of the authenticator:



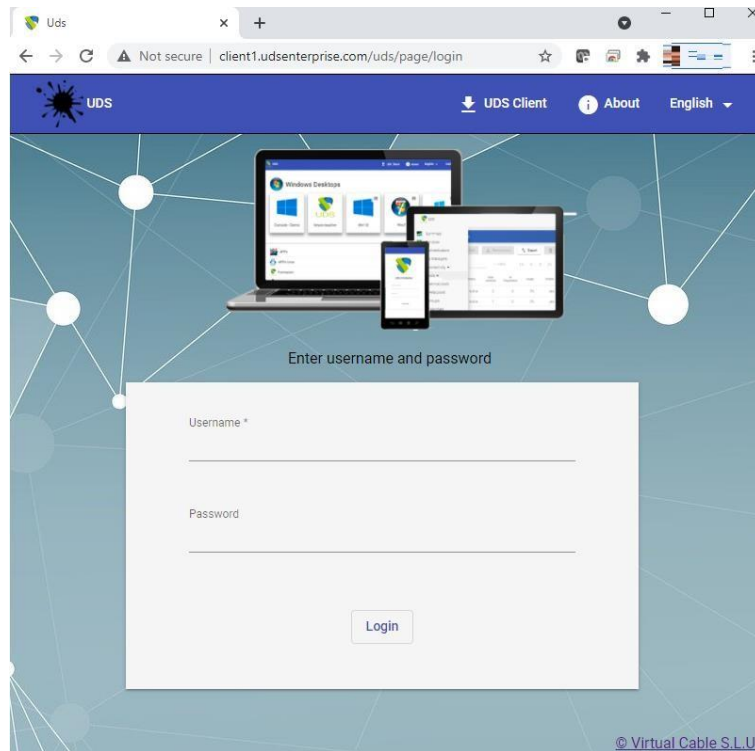
Id	Name ↑	Type	Comments	Priority	Label	Users
<input type="checkbox"/>	Administration	Internal Database		0	admin	0
<input type="checkbox"/>	Client 1	Internal Database		1	client1.udsenderprise.com	0
<input type="checkbox"/>	Client 2	Internal Database		2	client2.udsenderprise.com	0

You must rename the files hosted on the UDS server with the **css** code so that they have the same name as the one indicated on the label, with a **.css** extension:

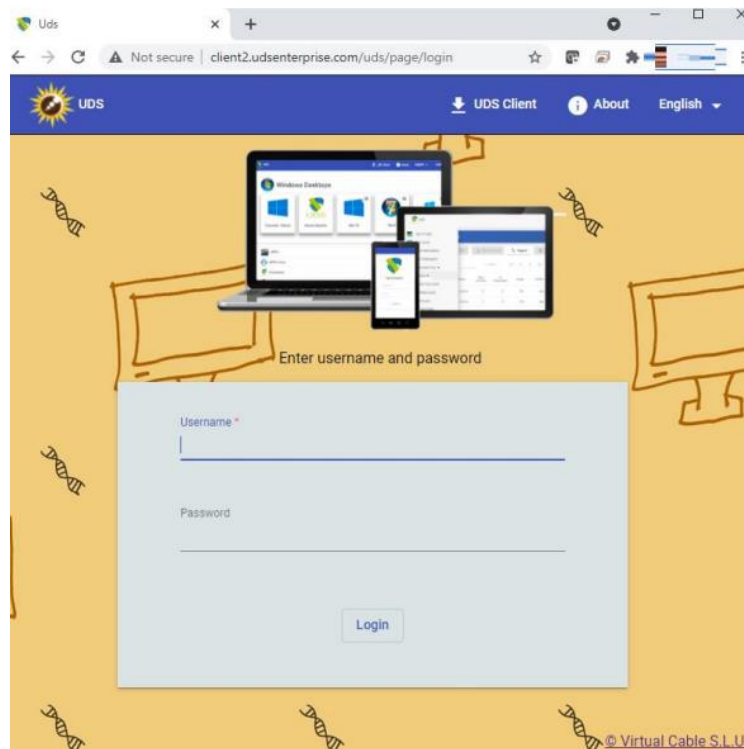
```
root@broker-400:/var/server/static# ls -la
total 28
drwxr-x--- 7 uds www-data 4096 Mar 13 13:08 .
drwxr-xr-x 8 uds www-data 4096 Mar 13 12:58 ..
drwxr-x--- 3 uds www-data 4096 Mar 12 19:29 admin
-rw-r--r-- 1 root root      0 Mar 13 13:08 client1.udsenderprise.com.css
-rw-r--r-- 1 root root      0 Mar 13 13:08 client2.udsenderprise.com.css
drwxr-x--- 2 uds www-data 4096 Mar 12 19:29 clients
drwxr-x--- 2 uds www-data 4096 Mar 12 19:29 fonts
drwxr-x--- 4 uds www-data 4096 Mar 12 19:29 modern
drwxr-x--- 2 uds www-data 4096 Mar 12 19:29 other
```

Now, you will simply indicate the access URL (without adding the label) and you will connect to the different access portals. In this example:

- Access via URL: **client1.udsenderprise.com**



- Access via URL: **client2.udsenderprise.com**



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About UDS Enterprise

[UDS Enterprise](#) is a new software concept for creating a **fully customized workplace virtualization** platform. It provides **secure 24x7 access** from **any location and device** to all applications and software of an organization or educational center.

It allows you to combine Windows and Linux **desktop and application virtualization** in a single console, as well **as remote access** to Windows, Linux and macOS computers. Its Open Source base guarantees **compatibility with any third-party technology**. It can be deployed on-premises, in a public, private, hybrid or **multicloud**. You can even combine several environments at the same time and perform automatic and **intelligent overflows** to optimize performance and efficiency. All with a **single subscription**.

About Virtual Cable

[Virtual Cable](#) is a company specialized in the digital **transformation of the workplace**. The company develops, supports and markets UDS Enterprise. It has recently been recognized as an **IDC Innovator in Virtual Client Computing** worldwide. Its team of experts has designed **smart digital workplace solutions (VDI, vApp and remote access to physical computers)** tailored to each sector to provide a unique user experience fully adapted to the needs of each user profile. Virtual Cable professionals have **more than 30 years** of experience in IT and software development and more than 15 years in virtualization technologies. **Everyday millions of Windows and Linux virtual desktops** are deployed with UDS Enterprise around the world.