

# Deploy Signum SaaS Azure

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For Signum Software as a Service (SaaS), subscribe through Azure Marketplace and access the Signum SaaS in Keyfactor's environment.

Signum SaaS is offered in the Azure Marketplace pricing model as a SaaS subscription. The subscription options allow you to leverage the elasticity and global presence of the service as you scale your infrastructure. After subscribing to Signum SaaS on the Azure Marketplace, users are directed to the Keyfactor SaaS portal to register, create an account and select Signum SaaS configuration details.

The following steps outline how to deploy Signum SaaS Azure:

- [Step 1 - Select Product](#)
- [Step 2 - Configure Signum SaaS Contract](#)
- [Step 3 - Activate the Subscription](#)
- [Step 4 - Set Up the Portal Account](#)
- [Step 5 - Choose Options for PKI Deployment](#)
- [Step 6 - Login to Signum SaaS](#)
- [Next - Visit the Signum SaaS Portal](#)

## Step 1- Select Product

Browse to the [Azure Marketplace](#) and search for "Signum SaaS" or "Keyfactor" to display the Signum SaaS product options.

Products > Signum Software as a Service (SaaS)

**Signum Software as a Service (SaaS)** [Save to my list](#)

Keyfactor, Inc.

[Overview](#) [Plans + Pricing](#) [Ratings + reviews](#)

Secure digital signing, without the hassle. Make signing effortless for developers.

Whether you build software applications, deploy scripts and containers, or deliver over-the-air (OTA) updates to connected IoT devices, code signing is a critical step to prevent malware spread and protect your business against malicious actors in the software supply chain. However, insecure signing tools and processes leave many organizations vulnerable to attack. All too often, shortcuts result in private keys being stored on workstations, readme files, and build servers where they are susceptible to theft or misuse. Security teams struggle to manage signing keys, where they are stored, and who has access to them. Keyfactor Signum helps security teams safeguard code signing processes with centralized key storage and policy enforcement from a single console, combined with lightweight agents to plugin to platform-native signing tools used in your development or IT environment. By integrating with existing tools, the platform makes it easy for IT teams and developers to sign code without friction, while the security team maintains control over key protection, access, and usage.

With Signum SaaS, via powerful automation, nothing is provisioned for you until you are ready. Fill out the options with the help of our getting started guide, and Keyfactor automation will handle the rest. Database, HSM, Signum all deployed specifically for your individual deployment. Get started today!

Learn more

- [Keyfactor Signum Datasheet](#)
- [Signum Data Sheet](#)
- [Signum Website](#)
- [Request Demo](#)
- [Integrating Secure Code Signing in the CI/CD Pipeline Webinar](#)
- [A Practical Guide to Secure Code Signing eBook](#)

The Signum SaaS products have different plans with regards to location and key storage on the **Plans + Pricing** tab.

- **Signum SaaS - Signum SaaS in the US Region with HSM Backed Signing Keys**

- Signum SaaS - Signum SaaS in the EU Region with HSM Backed Signing Keys
- Signum SaaS - Signum SaaS in the AP Region with HSM Backed Signing Keys

Note that the SaaS products are fully hosted and managed by Keyfactor and require no customer maintenance. For other Signum product options, please contact sales at [sales@keyfactor.com](mailto:sales@keyfactor.com).

## Plan Options

1. Select the **Plans + Pricing** tab, and select the region to deploy.
  - **Signum SaaS:** Is deployed with a Signum server, Web Application Firewall, Azure SQL database and a Fortanix HSM for key storage.
2. Click the product listing desired. For example, if the U.S. region of Azure is desired to have the PKI deployed to, select the **Signum SaaS in the US Region with HSM Backed Signing Keys** product option and click **Get it Now**.

Plan	Description	Price + payment options	Billing term	Subtotal
Signum SaaS in the US Region with HSM Backed Signing Keys <a href="#">Get it now</a>	Signum SaaS in the US Region with HSM Backed Signing Keys	\$125,000.00/one-time payment	1-year	\$125,000.00

3. A dialog is displayed asking you to give Microsoft Permission to share your account information with us. We will never sell your information, only use it to provide you with support and service notifications. Check the consent box, and click **Continue**.

×

One more thing ...



### Signum Software as a Service (SaaS)

By Keyfactor, Inc.

This app requires some basic profile information. You have provided the information already so you're good to go! [Edit](#)

- I give Microsoft permission to use or share my [account information](#) so that the provider or Microsoft can contact me regarding this product and related products. I agree to the provider's [terms of use](#) and [privacy policy](#) and understand that the rights to use this product do not come from Microsoft, unless Microsoft is the provider. Use of Azure Marketplace is governed by separate [terms](#) and [privacy](#).

You're signed in as **Alex Gregory** ([agregory@Keyfactor.com](mailto:agregory@Keyfactor.com)).

[Continue](#)

## Step 2 - Subscribe to Signum SaaS

To configure the Signum SaaS subscription, follow these steps:

1. Select the desired plan in the **Plan** list and click **Subscribe**:

[Dashboard](#) >

## Signum Software as a Service (SaaS) (preview) ...

Keyfactor, Inc.



### Signum Software as a Service (SaaS) (preview) [Add to Favorites](#)

Keyfactor, Inc. | SaaS

Plan

Signum SaaS in the US Region with H... 

**Subscribe**

Signum SaaS in the US Region with HSM Backed Signing Keys

Signum SaaS in the EU Region with HSM Backed Signing Keys

Signum SaaS in the AP Region with HSM Backed Signing Keys

**Overview**

Reviews

2. Azure needs to create a resource group in your account to keep track of the subscription. All assets will be deployed in the Keyfactor tenant when the provisioning starts. Create a resource group with the [Create new](#) link. Select a location for the resource group. This will not affect the location of the deployment, only this resource group for Azure. In the SaaS details section, specify the following options:
  - **Name:** Give this deployment a name.
  - **Billing Term:** Select if you want this to be month-to-month or annual.
  - **Recurring billing:** Select if you want this to auto-renew at the end of the year. We recommend setting this to **on** since selecting **no** can deactivate your deployment, taking it offline if it is not renewed before it expires.
  - Review the **Price + payment options** to make sure they are correct. The values in the example below are shown for testing purposes only.

3. Once the options are selected, click **Review + subscribe**.

[Dashboard](#) > [Signum Software as a Service \(SaaS\) \(preview\)](#) >

## Subscribe To Signum Software as a Service (SaaS) ...

Subscribe to plan

**\*Basics** Tags Review + subscribe

Fill out the plan details. After you've finished subscribing, configure your SaaS account on the publisher's website to complete the process.

### Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ	<input type="text" value="Pay-As-You-Go"/>
Resource group * ⓘ	<input type="text" value="saas-ent-subscr-grp"/>
	<a href="#">Create new</a>

### SaaS details

Name * ⓘ	<input type="text" value="SignumSaaSUS"/>
----------	---

Plan	<b>Signum SaaS in the US Region with HSM Backed Signing Keys - 1-year subscription</b>
	Signum SaaS in the US Region with HSM Backed Signing Keys
	<a href="#">Change plan</a>

Billing term ⓘ	1-year subscription
----------------	---------------------

Price/payment frequency ⓘ	\$125,000.00/year
---------------------------	-------------------

Subtotal ⓘ	\$125,000.00 for 1 year
------------	-------------------------

Recurring billing ⓘ	<input checked="" type="radio"/> On
	<input type="radio"/> Off

---

<a href="#">Review + subscribe</a>	<a href="#">&lt; Previous</a>	<a href="#">Next: Tags &gt;</a>
------------------------------------	-------------------------------	---------------------------------

4. Click **Subscribe**.

[Dashboard](#) > [Signum Software as a Service \(SaaS\) \(preview\)](#) >

## Subscribe To Signum Software as a Service (SaaS) ...

Subscribe to plan

\* Basics   Tags   Review + subscribe

### Product + plan details

Signum Software as a Service (SaaS) - Signum SaaS in the US Region with HSM Backed Signing Keys  
by Keyfactor, Inc.

[Terms of use](#) | [privacy policy](#)

### Terms of use

By clicking "Subscribe" and completing the purchase with the provider, I (a) agree to the legal terms and privacy statements associated with each Marketplace offering above, (b) authorize Microsoft to charge or bill my current payment method for the fees associated with my use of the offerings, including applicable taxes, with the same billing frequency as my Azure subscription, until I discontinue use of the offerings, (c) agree that Microsoft may share my contact information and transaction details (including usage volume associated with the offering) with the sellers of the

### Contact details

**Name**

**Email address**

**Primary phone number**

### Basics

Subscription	Pay-As-You-Go
Resource Group	saas-ent-subscr-grp
Name	SignumSaaSUS
Plan	Signum SaaS in the US Region with HSM Backed Signing Keys
Billing term	1-year subscription
Price/payment frequency	\$125,000.00/year
Subtotal	<b>\$125,000.00 for 1 year</b>
Recurring billing	On

**i** After subscribing, remember to configure your SaaS account on the publisher's website.

5. The subscription will take a few minutes to complete. You will see a progress screen like the following:

[Dashboard](#) > [Signum Software as a Service \(SaaS\) \(preview\)](#) > [Subscribe To Signum Software as a Service \(SaaS\)](#) >

### Subscription progress ...

#### --- Your SaaS subscription is in progress

 SaaS resource name: SignumSaaSUS

Purchase start time: Wednesday, March 22, 2023 at 11:24:16 AM

Offer & plan details: Signum Software as a Service (SaaS) - \$0 - Signum SaaS in the US Region with HSM Backed Signing Keys - 1-month subscription

^ Next steps (available once subscribed)

#### Configure SaaS account

 To complete the purchase, configure your SaaS account on the publisher's website.

[Configure account now](#)

#### Important to know

Billing will start after your account is configured on the publisher's website.

If no action is taken within 30 days, this SaaS subscription will be automatically deleted.

Your SaaS subscription will appear on the [SaaS](#) page in the Azure portal.  
To access it easily, save it to your favorite services or pin it to the dashboard.

6. Once completed, click **Configure account now**.

#### Configure SaaS account

 To complete the purchase, configure your SaaS account on the publisher's website.  
We've sent you an email confirmation with instructions on configuring this SaaS account.

[Configure account now](#)

## Step 3 - Activate the Subscription

1. You are redirected to a new page to grant permissions to the SaaS landing page. Click **Accept**.



alexg@c2company.com

## Permissions requested

signum-saas-LandingpageAppReg

**unverified**

**This application is not published by Microsoft or your organization.**

This app would like to:

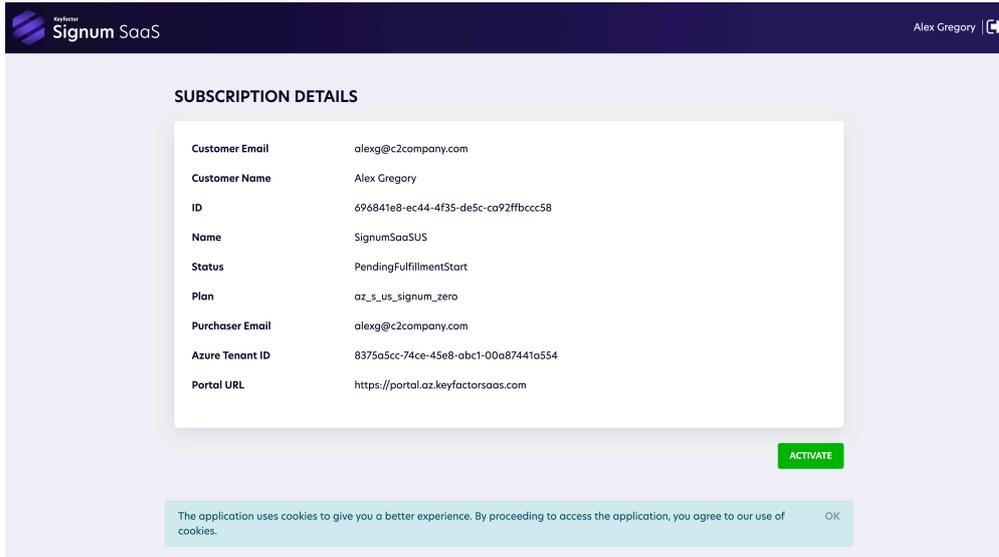
- ✓ View your basic profile
- ✓ Maintain access to data you have given it access to

Accepting these permissions means that you allow this app to use your data as specified in their terms of service and privacy statement. **The publisher has not provided links to their terms for you to review.** You can change these permissions at <https://myapps.microsoft.com>. [Show details](#)

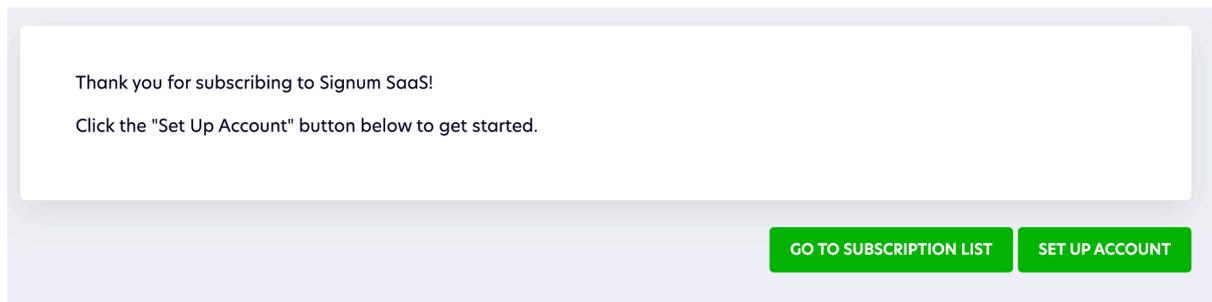
Does this app look suspicious? [Report it here](#)

Cancel Accept

2. On the page that shows the details of the subscription, click **Activate**.



3. The landing page will process the request to activate the subscription with Azure. Click **SET UP ACCOUNT**.



## Step 4 - Set Up the Portal Account

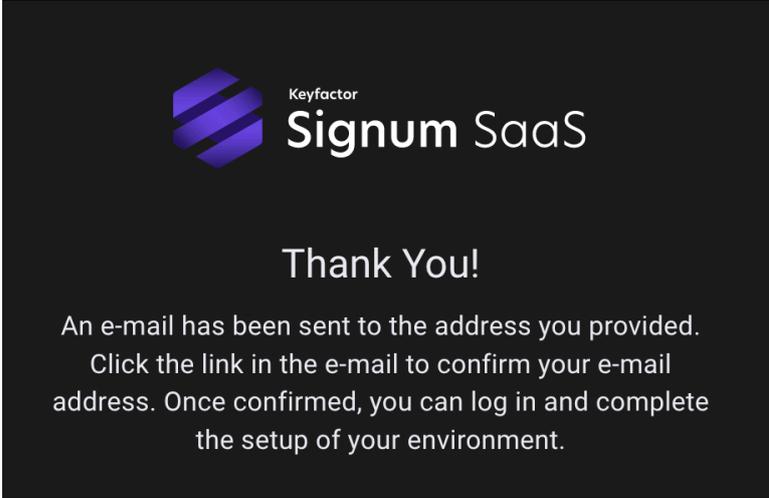
1. Specify the organization details on the Signum SaaS Registration page.

 If your organization has more than one deployment, use the same organization name to make the different deployments all roll up to the same account. The specified names must match exactly and for example, "Acme, Inc." will not match "Acme Inc".

2. Choose to view the [terms of use](#), and then click **Register**.  
A confirmation email will be sent to the account specified in the **Email Address** field and must be confirmed to continue. The email will come from <support@az.keyfactorsaas.com>. You can add that email address to your address book to prevent the message from being accidentally categorized into the junk folder.

The screenshot shows the registration page for Signum SaaS. At the top is the Keyfactor logo and the text 'Signum SaaS'. Below this is the title 'Signum SaaS Registration'. The form contains several input fields: 'First Name' with the value 'Joe', 'Last Name' with 'User', 'Company' with 'Acme Corporation', 'Email Address' with 'joe.user@acme.com', 'Password' (masked with dots), and 'Confirm Password' (also masked). A green progress bar is shown below the password field, with the word 'Strong' centered underneath it. Below the confirm password field is a 'Country' dropdown menu set to 'United States'. A checkbox is checked with the text 'I have read and accept the terms of use'. At the bottom of the form is a blue 'REGISTER' button. Below the button are two links: 'Forgot password?' and 'Already have an account? Log in'. At the very bottom, there is a copyright notice: 'Copyright © Keyfactor 2023 Terms and Conditions'.

3. A confirmation page confirms a successful registration.



4. In the confirmation email, select **Confirm Email** to confirm registration.

- If successful, the portal will show that your email address was successfully confirmed. Sign back into the Signum SaaS portal to continue the registration process. Enter the registration credentials and click **Sign In**.

## Step 5 - Choose Options for Signum Deployment

Next, specify additional information required for the Signum deployment.

- Specify the following additional details required to provision your PKI:
  - Domain Name:** This domain name will be added to public DNS. All URLs end with "app.az.keyfactorsaas.com". This will be the domain you access your Signum deployment on.
  - Customer Admin Password:** Create a new password that will be used to access the Signum application administration interface.
 

**⚠** Once you enter this password, we will no longer display, store or provide this password back to you. We recommend you store this password in a password vault like 1Password, Last Pass, or other password storage utility.
  - Add Source IP:** This IP range is allowed access to the Signum system. Simply Google "What is my IP" or add the CIDR based address block to that will be allowed to access the Signum installation. This should be the external IP address you are using to access the internet and not an internal NAT'd IP. If unsure, enter "0.0.0.0/0" to change this later. This will allow all IPs access to the web pages of the Signum, but not access to the admin portion of the system (this requires the Signum Customer Admin credential).

2. Click **Deploy Signum**.

Keyfactor  
**Signum SaaS**

Just a few more details before we can deploy your digital signing solution...

Domain Name  
acmecorp .us.app.az.keyfactorsaas.com  
This is your Signum SaaS domain.

Customer Admin Password  
.....  
Will be used to sign into Signum

Confirm Customer Admin Password  
.....

For example 8.8.8.8/32. Ports 80 and 443 will be enabled to the provided IP(s). If you are unsure you can add 0.0.0.0/0 to allow all IPs.  
Source IP

Description

+ ADD

174.160.219.99

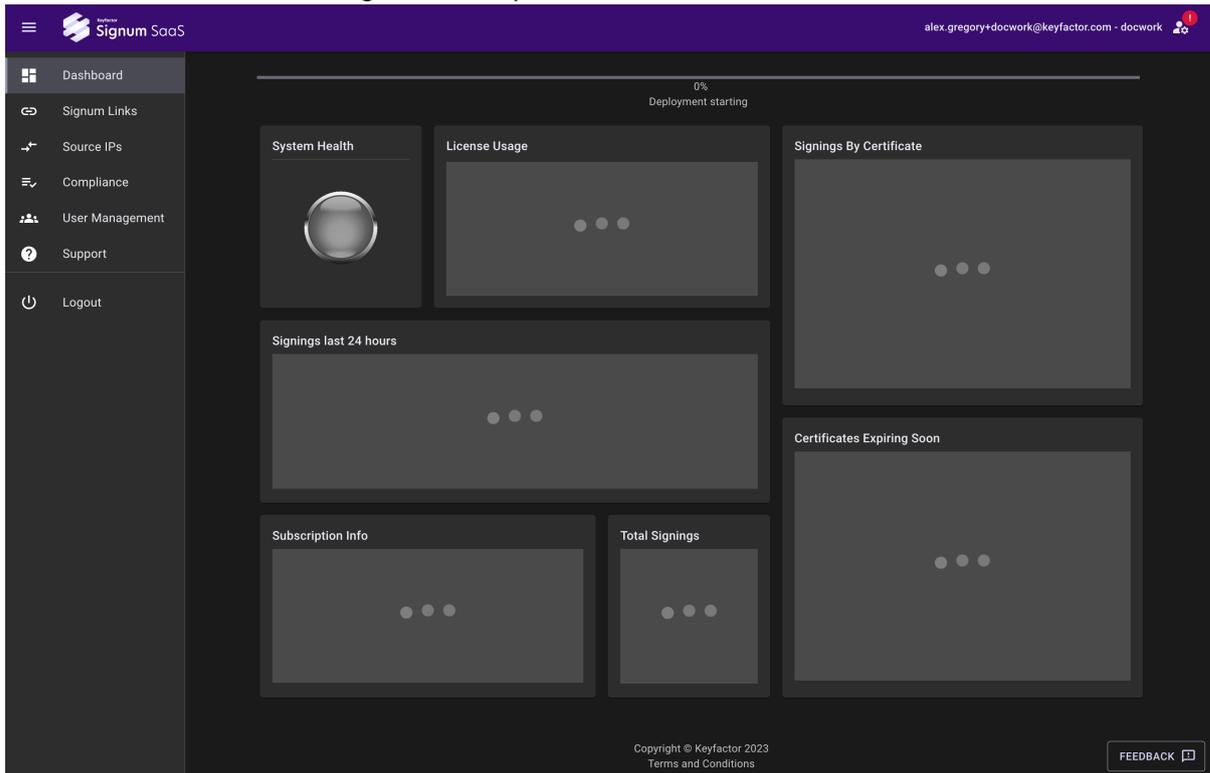
ACME Office IP

EDIT REMOVE

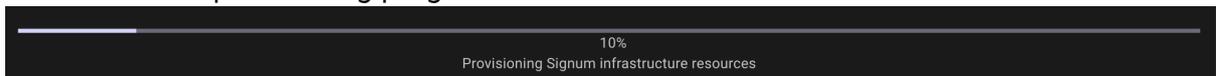
HELP CANCEL DEPLOY SIGNUM

Copyright © Keyfactor 2023  
Terms and Conditions

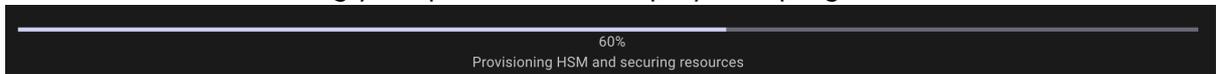
3. You are redirected to the Signum SaaS portal.



You will see the provisioning progress bar start:

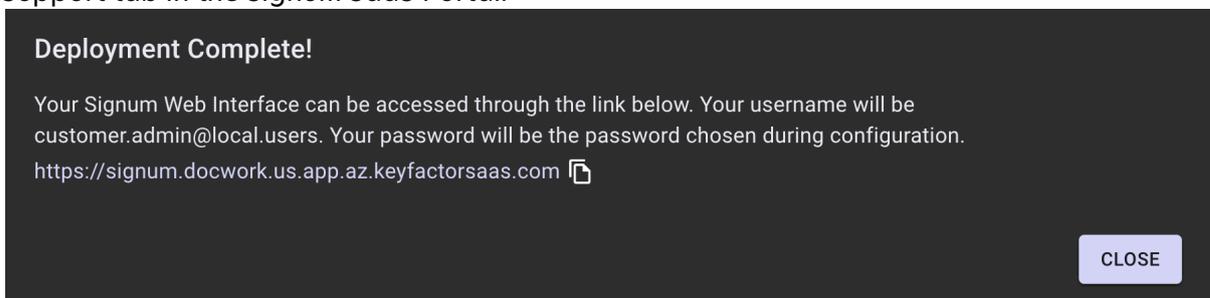


It will continue on showing you updates as the deployment progresses:

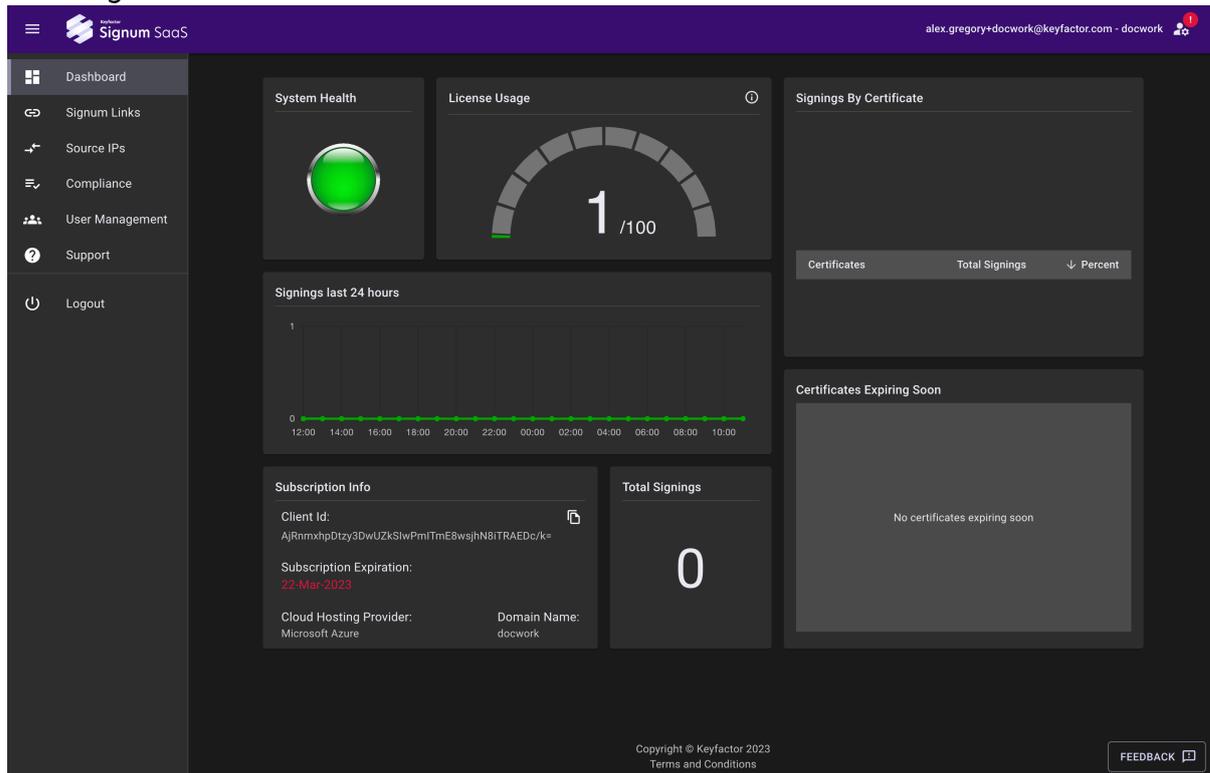


Depending on the options selected, this process can take approximately 30 minutes to process. In the background, the environment is being prepared from scratch based on the provided information.

- Once complete, the progress will show 100% and a panel will show allowing you to access the newly created Signum installation. Clicking these links will open a new tab in the browser. The following Customer Admin Credentials panel will show only once, click X or **Close** to proceed. If this dialog is closed, the links and directions are available under the Support tab in the Signum SaaS Portal.



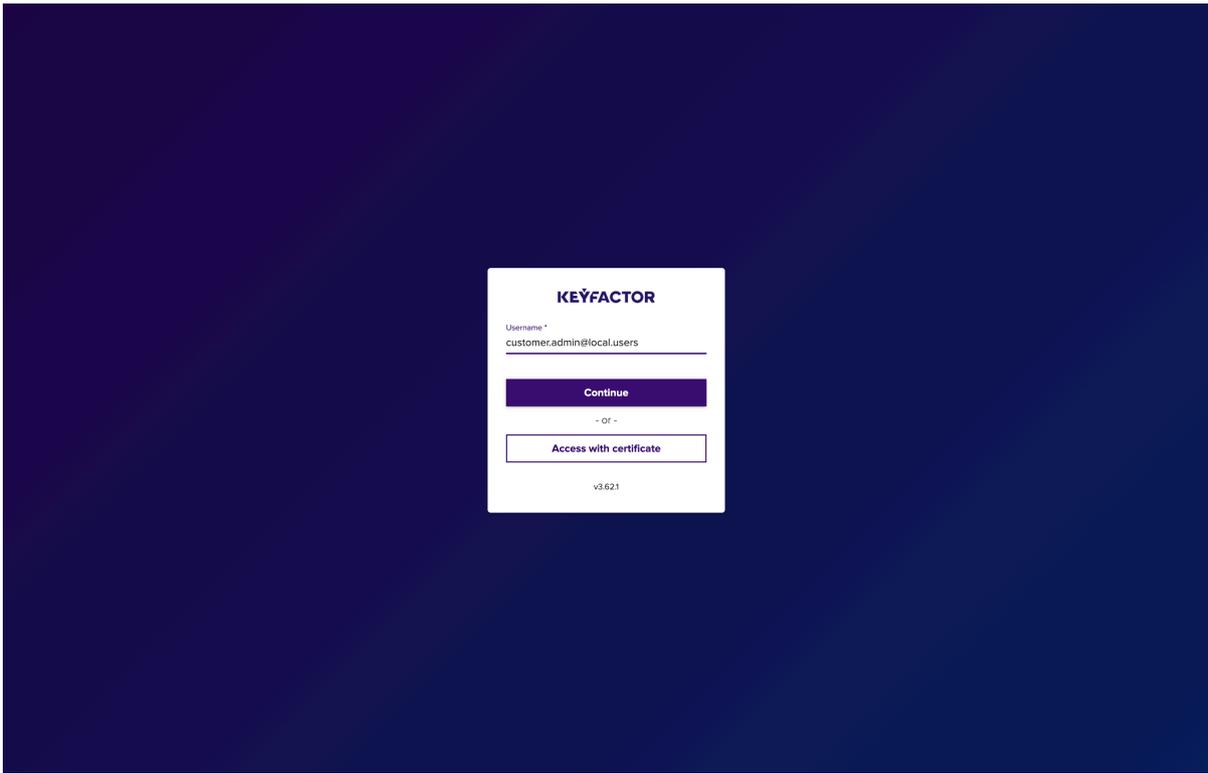
- Once you click **close**, you will be presented with some data about your Signum deployment in the Signum SaaS Portal Dashboard:



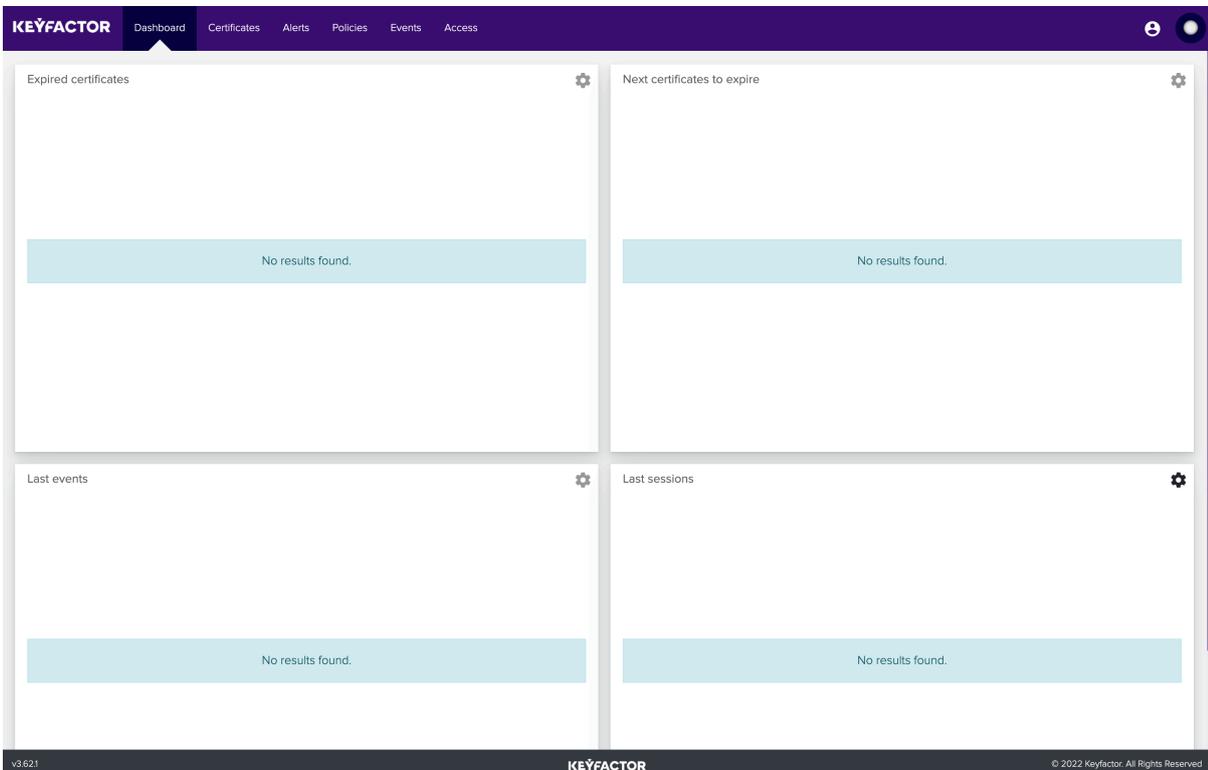
## Step 6 - Login to Signum SaaS

To access the deployed Signum SaaS, the Customer credentials need to be entered into the login screen. The password for this was chosen during the Signum options screen.

Access the login screen by clicking the link in the Credentials panel:



Click **Continue** to proceed the password entry screen. The password will be the same password you chose during the Signum deployment options. Once logged in, you will be at the Signum Dashboard:



## Access Signum

Access Signum going forward by using your previously specified domain name according to the following example:

`https://<Domain Name>.<region>.app.az.keyfactorsaas.com`

## Next - Visit the Signum SaaS Portal

Next, visit the Signum SaaS portal to navigate Signum SaaS and display information regarding the Signum SaaS installation, see Navigating Keyfactor SaaS Portal.

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If you need further assistance, please contact the Keyfactor Support Team. During regular business hours, support can be reached at [support@keyfactor.com](mailto:support@keyfactor.com) or at (877) 715-5448.

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