

# Frame-Provided IGEL Profiles

---

## Profile Options

---

Frame-provided UMS Profiles offer various configuration options to customize and optimize your IGEL environment. These profiles range from basic Frame App desktop integration to specialized kiosk modes supporting SAML2 and Secure Anonymous Tokens (SAT) authentication. [Click here](#) to skip ahead to instructions on how to import Frame App into UMS 12.

### Basic Frame App Profile

Bundle location: `igel/frame-app-basic-profile.xml`

Blender in Frame App on an IGEL Device

This "basic" UMS Profile simply enables a Frame App icon on the IGEL Desktop.

Admins can customize the default settings and launch parameters by adding command line arguments in your UMS by editing the Frame App Basic Profile Settings: **Firmware Customization > Custom Application > Frame > Settings**.

When configuring the profile, you need to specify the Frame App version in the command field, use `/custom/frame/frame- sat-kiosk-launcher.sh v7``

Please refer to our [Linux command-line arguments for Frame App](#) for more information.

### Frame SAML2 Kiosk Mode Profile

Bundle location: `igel/frame-saml2-kiosk-profile.xml`

This profile is designed to support a specific end user workflow and assumes a particular Frame configuration.

Frame App Kiosk with SAML

# SAML2 Kiosk Mode User Experience

The SAML2 Kiosk Mode provides a seamless and secure user experience, integrating Frame App with third-party identity providers. Here's what users can expect:

```
graph TD
    Start([Start]) --> A[Frame App Launch]
    A -->|Clear cache| B[Present Kiosk Mode Interface]
    B --> C[Show Identity Provider Login]
    C --> D{Authentication Successful?}
    D -->|Yes| E[Launch Link Configuration]
    E -->|Desktop| F[Full-screen Desktop Session]
    E -->|Application| G[Full-screen Application Session]
    F --> H{User Action}
    G --> H
    H -->|Disconnect or Inactivity timeout| I[Show Resume Option]
    I -->|Within timeout| F
    I -->|Timeout expires| C
    H -->|End Session| J[Close Session]
    J -->|Configure Frame to redirect to IdP| C
    C -->|New user| C

    classDef default fill:#f9f,stroke:#333,stroke-width:2px;
    classDef decision fill:#ccf,stroke:#333,stroke-width:2px;
    class D,E,H decision;
```

1. Upon launch, Frame App clears its cache to ensure a fresh session and secure authentication.
2. Users are presented with a full-screen Kiosk Mode interface, supporting multiple monitors. The login screen of the configured third-party identity provider appears, prompting for credentials.
3. After successful authentication, Frame App directs users to either a desktop or specific application, based on the Launch Link configuration.
4. The Frame session begins in full-screen mode, providing an immersive remote desktop experience.
5. If users disconnect, either manually or due to inactivity, they have the option to resume their session within the account's or Launchpad's **configured idle timeout**.
6. When users end their session (by quitting or shutting down the Windows instance), they are logged out and returned to the identity provider's login screen, ready for the next user.

This workflow ensures a secure, stateless experience for shared devices while maintaining ease of use for end-users.

## SAML2 + Kiosk Mode Requirements

To set up the SAML2 Kiosk Mode, ensure you have the following:

- A *Published* Launchpad
- A configured identity provider with associated roles/permissions allowing access to the desired Frame Account
- A Frame Launch Link with the additional "Quit and log out" URL parameter: `&qlo=1`
- (Optional) Frame account production workload VMs joined to a Windows domain, if desired

Additionally, you need to configure the IGEL UMS Custom Profile:

1. Navigate to:

```
“ System > Firmware Customization > Environment Variables >
  Predefined
```

2. Add the following environment variable:

- `FRAME_LAUNCH_URL`: This is your Launch Link, obtained from the Account's *Dashboard > Launchpad > Advanced Integrations*. You'll find a configurable dialog with Launch Links there.

While we recommend using Launch Links for Kiosk scenarios, you can also use a standard Launchpad URL for the `FRAME_LAUNCH_URL` value if needed.

This configuration ensures that your SAML2 Kiosk Mode is properly set up and integrated with your Frame Account and IGEL environment.

## SAML2 + Kiosk Mode Configuration

1. Import the SAML2 kiosk launcher profile template (with .ipm extension) into your UMS12.
2. After importing, update the template values with your specific configuration.
3. Follow the existing steps for setting up the environment variables.

## Frame SAT Kiosk Mode Profile

Bundle location: `igel/frame-sat-kiosk-profile.xml`

The Frame SAT Kiosk Custom Profile is designed to support a specific end user workflow relying on Frame's **Secure Anonymous Tokens (SAT)** for authentication. This flow also assumes a particular Frame configuration to support the kiosk experience as defined below.

# SAT Kiosk Mode User Experience

With the SAT Kiosk Mode user experience, end users will not authenticate to a SAML2-based identity provider (this script uses the Frame Secure Anonymous Token (SAT) functionality for session authentication).

```
graph TD
  1[1. Launch Frame App in kiosk mode] --> 2[2. Clear user cache]
  2 --> 3[3. Authenticate using SAT]
  3 --> 4[4. Direct to desktop or application]
  4 --> 5[5. Start remote desktop in full-screen]
  5 --> 6[6. Session ends]
  6 --> 7[7. Restart Frame App with new SAT token]
  7 -.-> 1
```

1. Frame App will launch in "kiosk mode" (full screen).
2. User cache is cleared prior to start and exit of Frame App to ensure no user preference settings have persisted since the prior use of Frame App.
3. End users are authenticated using Frame Secure Anonymous Token (SAT) functionality.
4. Frame App directs the end user directly to the desktop or application (depending on the **Launch Link** configuration).
5. When a Frame session starts, the remote desktop will be in full-screen mode.
6. Upon session disconnect or closure, Frame App will restarts with a new SAT token.

## **NOTE:**

Disconnect behavior is configurable from [Session Settings](#).

## SAT + Kiosk Configuration Requirements

- A *Published* Launchpad.
- API Provider configured at the Organization entity.
- Secure Anonymous Token Provider at the Account entity level granting a role of Launchpad User for a specific Launchpad in a Frame account (under the Organization

entity).

- Frame **Launch Link** is used, rather than a Launchpad URL to support automatic start of the user's session and to simplify the UX.
- *Optional*: The Frame account production workload VMs can be joined to a Windows domain, if desired.
- The Environment Variables listed below:

## Environment Variables

The following environment variables must be configured in the IGEL Custom Profile for this profile to work.

### 1. Edit your IGEL UMS Custom Profile and go to:

“ System > Firmware Customization > Environment Variables > Predefined

### 2. Set the following environment variables:

Environment Variable	Description
FRAME_CLIENT_ID	Obtained from the API provider when a set of API credentials are created.
FRAME_CLIENT_SECRET	Obtained from the API provider when a set of API credentials are created.
FRAME_SAT_URL	URL obtainable from the Playground.  For example: <code>https://api.console.nutanix.com/v1/accounts/XXXXXXXX-XXXX-XXXX-XXXX-31d09e2881cd/secure-anonymous/secure-anon-XXXXXXXX-XXXX-XXXX-XXXX-c5e2dc93df1e/tokens.</code>
FRAME_ACCOUNT_ID	Sign in to <b>Frane Console</b> as an Admin. Locate your account, click the three-dot menu, and select "update" to view the Account's entity settings. Next, copy the Account UUID from the browser's URL bar. For example: <code>https://console.nutanix.com/frame/account/YOUR-FRAME-ACCOUNT-UUID-HERE/basic-info</code> or use the <b>Admin API to List Accounts</b> .
FRAME_EMAIL_DOMAIN	Email domain name used to create the anonymous user email addresses that will be visible in the Session Trail. Example: <code>frame.igel.mycompany.com</code>

Environment Variable	Description
FRAME_LAUNCH_URL	Obtained from an Account's Dashboard > Launchpad > Advanced Integrations to get a configurable dialog with Launch Links. While we recommend Launch Links for Kiosk scenarios, the value of FRAME_LAUNCH_URL could instead be a standard Launchpad URL.
FRAME_TERMINAL_CONFIG_ID	Obtainable from the Launch Link URL.
FRAME_LOGOUT_URL	Optional. Allows configuration of the "logout" behavior by specifying a URL. Useful when using a Frame Launch Link with additional "Quit and log out" url parameter: &qlo=1.

## Frame Admin API and SAT Quick Setup Guide

1. Enable API access

Account > Users > Authentication

Enable API

2. Add an API

Account > Users > API

Create an API integration with with the ability to generate anonymous tokens and manage your account as an Account Administrator. These roles are **mandatory** for this custom partition's scripts; they use account-based Admin API calls to validate the current status of sessions (statuses such as "initializing", "open", "closing", etc.).

API - Generate

3. Create a set of credentials for use with the Custom Profile.