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VirtuKiosks

Overview

The **VirtuKiosks** module allows users to register and manage kiosks in the VirtuBox Business Backend. To associate a kiosk with the backend, users must enter the kiosk code and configure the required kiosk details.

Accessing VirtuKiosks

To access the VirtuKiosks module:

1. Log in to the **VirtuBox Business Backend**.
2. Go to **Leftside Bar → VirtuKiosk → VirtuKiosks**.
3. The VirtuKiosks page displays the available kiosk information.

Add Kiosk

The **Add Kiosk** feature allows users to register a new kiosk by entering its kiosk code, title, and theme.

Adding a New Kiosk

To add a new kiosk:

1. Navigate to **Home → VirtuKiosk → VirtuKiosks**.
2. Click **Add Kiosk**.
3. Enter the required kiosk details.

Kiosk Configuration

Field	Description	Limit
Kiosk Code	Enter the unique kiosk code associated with the kiosk.	Maximum 8 characters
Kiosk Title	Enter a title to identify the kiosk.	Maximum 64 characters

Field	Description	Limit
Kiosk Theme	Select the appropriate kiosk orientation.	Horizontal / Vertical

Kiosk Theme

The **Kiosk Theme** option allows users to select the kiosk's display orientation.

- **Kiosk Horizontal:** Configures the kiosk for horizontal display orientation.
- **Kiosk Vertical:** Configures the kiosk for vertical display orientation.

4. Enter the kiosk code generated or provided by the VirtuKiosk device.
5. Enter the kiosk title.
6. Select the appropriate kiosk theme.
7. Save the kiosk configuration.

> **Note:** The kiosk code is required to associate the VirtuKiosk device with the VirtuBox Business Backend and enable map management for the registered kiosk.

Kiosk Status

The VirtuKiosks page categorizes kiosks into two status groups:

Status	Description
Live	Displays kiosks registered under the Live category.
Trial	Displays kiosks registered under the Trial category.

The page also displays the total number of kiosks available under each category.

> **Note:** The kiosk code must be entered correctly to ensure that the appropriate kiosk is registered and associated with the backend.

Kiosk (Old)

Overview

The **Kiosks** section provides a centralized dashboard for managing all registered kiosks. It allows administrators to monitor kiosk status, view device information, manage kiosk configurations, and track hardware and application details in real time.

Navigate to **VirtuKiosk → Kiosks** to manage kiosks.

Kiosk Dashboard

The dashboard displays a summary of all available kiosks and their current status.

Available information includes:

- **Search** – Find kiosks by name or code.
- **Online Time** – Filter kiosks based on their online status.
- **Available Live Kiosk** – Displays the total number of kiosks currently connected.
- **Add Kiosk** – Register a new kiosk in the system.

Kiosk Information

Selecting a kiosk displays detailed information about the device.

The following information is available:

Field	Description
Kiosk Name	Displays the kiosk name.
Resolution	Screen resolution of the kiosk device.
Screen Density	Device DPI information.
Status	Displays the current kiosk status (Online, Offline, Casual, etc.).
Last Active	Shows the last communication time with the server.

Field	Description
Battery Level	Displays the current battery percentage (if supported).
Device Model	Displays the kiosk hardware model.

Media Information

The **Media Information** section displays the content currently synchronized with the kiosk.

Available details include:

- **Images**
- **Videos**

This helps administrators verify whether all required media files have been downloaded successfully.

Device Information

The **Device Information** section displays the hardware specifications of the kiosk.

Available details include:

Information	Description
RAM	Total available system memory.
ROM	Total internal storage.
Cache	Cache storage information.

Application Information

Displays the versions of applications installed on the kiosk.

Available details include:

- **VirtuKiosk Version**
- **KioskTool Version**

- **Google Mobile Services (GMS) Version**

This information helps administrators verify that the kiosk is running the correct software versions.

Default Configuration

The kiosk also displays the currently applied default configurations, including:

- **Screensaver**
- **Slide Interval**
- **Map View**
- **Map Track**
- **Home Content (Mode)**
- **Kiosk Theme**

These settings help administrators verify the kiosk's active configuration without opening the configuration page.

Kiosk Information Panel

Selecting **Kiosks Info** provides additional details about the selected kiosk, allowing administrators to review its configuration, status, and device information.

Manage Kiosks

Administrators can:

- Register new kiosks.
- Search for kiosks.
- Monitor kiosk status.
- View device specifications.
- Check synchronized media.
- Verify application versions.
- Review default kiosk configurations.
- Access detailed kiosk information.

Best Practices

- Regularly monitor kiosk connectivity and status.
- Ensure kiosks are running the latest application versions.
- Verify media synchronization after publishing new content.
- Review hardware information when troubleshooting device issues.
- Keep kiosk configurations updated for optimal performance.

> **Important:**
> The **Kiosks** dashboard provides a complete overview of every registered kiosk, including its status, hardware details, installed applications, synchronized media, and active configuration. Regular monitoring helps ensure kiosks remain operational and up to date.

Kiosk (Settings)

Overview

The **Kiosk Settings** section allows administrators to customize the overall behavior, appearance, navigation, and user experience of the kiosk. It provides configuration options for screensavers, search results, status indicators, navigation, content layout, map behavior, and animations.

Navigate to **VirtuKiosk → Kiosk Settings** to configure these settings.

Screensaver Settings

The **Screensaver Settings** control how the kiosk behaves when it is idle.

Available options include:

Setting	Description
Screensaver Text	Displays custom text on the screensaver.
Screensaver Mode	Select the screensaver display mode.
Screensaver Action	Defines the action performed when the screensaver is active.

Search Configuration

Configure how search results are displayed within the kiosk.

Setting	Description
Search Result Count (Live)	Number of search results displayed while typing.
Search Result Count (Detail)	Number of detailed search results displayed after searching.

Offline Status

The **Offline Status** section displays a notification when the kiosk loses its internet connection.

Available options include:

- Offline Status Display
- Offline Status Text
- Text Color
- Background Color
- Background Color Alpha
- Position
- Text Size

Administrators can customize the appearance and position of the offline notification.

Printer Status

The **Printer Status** section controls the notification displayed when the kiosk printer is unavailable.

Available options include:

- Printer Status Display
- Printer Status Text
- Text Color
- Background Color
- Background Color Alpha
- Position
- Text Size

This helps users identify when the printer is disconnected.

Navigation Settings

The **Navigation** section controls how maps and navigation are displayed.

Available options include:

- **Map**
- **Facility Points Display**
- **Facility Action**
- **Items Sort By**
- **Filterable**
- **Filterable Minimum Count**

These settings determine how navigation items are displayed and interacted with.

Item Grid Configuration

Configure the appearance of categories and products displayed in the kiosk.

Available options include:

- Items Grid Mode
- Items Grid Count
- Items Grid Image Ratio
- Items Grid Text Font

Administrators can display items in either **List View** or **Grid View** depending on the selected configuration.

Main Content

The **Main Content** section controls the appearance of content cards displayed on the kiosk.

Available configuration includes:

Card

- Margin
  - Top
  - Right
  - Bottom
  - Left
- Padding
  - Top
  - Right
  - Bottom

    - Left
- Radius
- Elevation

Content

- Margin
- Padding

These settings allow administrators to customize spacing and card appearance.

Image Configuration

Configure image-related display settings.

Available options include:

- Search Icon Size
- Search Icon Visibility
- Search Icon Position

These settings control the visibility and placement of the search icon.

Map Configuration

Configure the kiosk map behavior.

Available options include:

- Map Pin Action
- Map Menu Visibility
- Navigation Bar Visibility

These settings determine how users interact with the kiosk map.

Animation Settings

Customize animation effects throughout the kiosk interface.

Available options include:

- Category Click Animation
- Floating Button Click Animation

Animations improve the overall user experience by providing smooth visual transitions.

Manage Kiosk Settings

Administrators can:

- Configure screensaver behavior.
- Customize search results.
- Display offline status notifications.
- Configure printer status messages.
- Customize navigation settings.
- Configure item grid layout.
- Manage content spacing.
- Configure map behavior.
- Customize interface animations.

Best Practices

- Configure search results according to the kiosk screen size.
- Keep offline and printer notifications visible for better user awareness.
- Use appropriate grid layouts for improved readability.
- Test navigation settings before deployment.
- Review animation settings to ensure a smooth user experience.

> **Important:**
> The **Kiosk Settings** section controls the overall behavior and appearance of the kiosk interface. After updating any configuration, click **Submit** to save the changes. It is recommended to test the kiosk after making configuration updates to ensure all settings are applied correctly.

Kiosk (Assets)

Overview

The **Kiosk Assets** section allows administrators to upload and manage images used throughout the kiosk interface. These assets include icons, backgrounds, logos, map markers, and banners that define the visual appearance of the kiosk.

Navigate to **VirtuKiosk → Kiosk Assets** to configure kiosk assets.

Upload Kiosk Assets

Administrators can upload various graphical assets by using the **Drag & Drop** area or clicking to browse files.

Most icon assets require a **1:1 aspect ratio**, while backgrounds and banners support larger image dimensions.

Kiosk Icons

The following icons can be configured:

Asset	Description
Kiosk Home Icon	Displays the Home button icon.
Kiosk Search Icon	Displays the Search button icon.
Kiosk Cart Icon	Displays the Cart button icon.
Order Receipt Logo	Logo printed on order receipts.

Requirements

- Image Aspect Ratio: **1:1**
- Image Size: **10 × 10 px** to **4000 × 4000 px**

Background Images

Administrators can upload background images for different kiosk screens.

Available backgrounds include:

- **Kiosk Cart Background**
- **Kiosk Order Background**
- **Category Background**
- **Product Background**

Requirements

- Only **1 image** is allowed for each background.
- Image Size: **10 × 10 px** to **4000 × 4000 px**

Map Assets

The following assets are used within the kiosk map interface:

Asset	Description
Map Footstep Icon	Displays navigation footsteps on the map.
Map Pin Active Icon	Indicates the currently selected destination.
Map Pin Inactive Icon	Displays inactive map locations.
Map Pin Kiosk Icon	Represents the kiosk location on the map.
Map Home Icon	Displays the Home location on the map.

Requirements

- Image Aspect Ratio: **1:1**
- Image Size: **10 × 10 px** to **4000 × 4000 px**

Banner Images

Administrators can upload promotional banners displayed on different kiosk screens.

Available banner types include:

Kiosk Screensaver Banners

- Displayed during the kiosk screensaver.
- Maximum **8 images** can be uploaded.

Kiosk Home Banners

- Displayed on the kiosk home screen.
- Maximum **8 images** can be uploaded.

Requirements

- Image Size: **10 × 10 px** to **4000 × 4000 px**

Manage Kiosk Assets

Administrators can:

- Upload kiosk icons.
- Configure order receipt logo.
- Upload screen backgrounds.
- Configure map icons.
- Upload screensaver banners.
- Upload home screen banners.
- Replace existing assets whenever required.

Best Practices

- Use high-quality images for all assets.
- Maintain a **1:1 aspect ratio** for icon images.
- Use optimized image sizes for better kiosk performance.
- Follow the upload limits for banners and backgrounds.
- Preview assets before deploying them to production.

> **Important:**
> Kiosk Assets control the overall appearance of the kiosk interface. After uploading or updating assets, click **Submit** to save the changes. Ensure all images meet the recommended size and aspect ratio requirements for the best display experience.

Kiosk Flash Banner

Overview

The **Kiosk Flash Banners** section allows administrators to configure promotional banners that appear at different positions on the kiosk screen. Flash banners can be used to display advertisements, announcements, promotional offers, or branding content while customers interact with the kiosk.

Navigate to **VirtuKiosk → Kiosk Flash Banners** to manage flash banner configurations.

Add Kiosk Flash Banner Configuration

To create a new flash banner configuration:

1. Navigate to **VirtuKiosk → Kiosk Flash Banners**.
2. Click **Add New Kiosk Flash Banners Configuration**.
3. Configure the required banner settings.
4. Upload banner images for the desired positions.
5. Click **Submit** to save the configuration.

Banner Configuration

The following settings are available:

Setting	Description
Size	Defines the display size of the flash banners.
Available On	Select where the banners will be displayed (e.g., Both layouts).
Position	Choose the location where the banner should appear.
Mode	Select the banner display mode (Banner).

Banner Positions

Flash banners can be displayed at the following positions on the kiosk screen:

- **Leaderboard Top**
- **Leaderboard Bottom**
- **Skyscraper Left**
- **Skyscraper Right**

Each position can have its own set of banner images.

Upload Banner Images

Administrators can upload banner images using the **Drag & Drop** area or by clicking to browse files.

The following upload rules apply:

- A maximum of **4 images** can be uploaded for each banner position.
- Supported image dimensions must be between **10 × 10 px** and **4000 × 4000 px**.

Separate upload sections are available for:

- **Leaderboard Top**
- **Leaderboard Bottom**
- **Skyscraper Left**
- **Skyscraper Right**

Manage Flash Banners

Administrators can:

- Create new flash banner configurations.
- Upload banner images.
- Configure banner positions.
- Adjust banner size.
- Edit existing configurations.
- Delete unused banner configurations.

Best Practices

- Use high-quality banner images for better visibility.
- Maintain consistent banner dimensions across all positions.
- Avoid uploading more than four images per banner position.
- Preview banners on the kiosk before deployment.
- Update promotional banners regularly to keep content fresh.

> **Important:**
> Flash Banners are displayed at predefined positions on the kiosk interface. Configure the required position, upload the banner images, and save the configuration to display promotional content on the kiosk.

Kiosk Floating Button

Overview

The **Kiosk Floating Buttons** section allows administrators to create and manage floating action buttons displayed on the kiosk interface. These buttons provide quick access to frequently used features and can be positioned anywhere on the screen by configuring their **X** and **Y** coordinates.

Navigate to **VirtuKiosk → Kiosk Floating Buttons** to manage floating buttons.

Add Floating Button

To create a new floating button:

1. Navigate to **VirtuKiosk → Kiosk Floating Buttons**.
2. Click **Add Floating Button**.
3. Select the required **Button Type**.
4. Configure the **X** and **Y** position.
5. Click **Submit** to save the button.

Floating Button Types

The following floating button types are available:

Button Type	Description
Logo	Displays the company or application logo as a floating button.
Facility	Opens the configured facility or services section.
Home	Navigates directly to the kiosk home screen.
Search	Opens the product search interface.
Cart	Opens the shopping cart.
Dynamic Cart	Displays a dynamic cart button based on the current cart status.

Button Type	Description
Dynamic QR	Displays a QR Code dynamically for supported workflows.
Dynamic TryOn	Opens the TryOn feature for supported fashion products.

Button Position

Each floating button can be positioned anywhere on the kiosk screen.

Setting	Description
X (%)	Defines the horizontal position of the floating button.
Y (%)	Defines the vertical position of the floating button.

The position is configured using percentage values, allowing the button to be placed anywhere on the screen.

Manage Floating Buttons

Administrators can:

- Add new floating buttons.
- Select different button types.
- Configure button positions.
- Edit existing floating buttons.
- Delete unused floating buttons.

Best Practices

- Position buttons where they are easily accessible without blocking important content.
- Use only the required floating buttons to maintain a clean interface.
- Test button placement on the target kiosk screen before deployment.
- Verify that each button performs the intended action.

> **Important:**
> Floating Buttons provide quick access to important kiosk features. Configure the **Button Type** and adjust the **X** and **Y** position to place the button at the desired location on the kiosk interface.

Kiosk Screensavers

Overview

The **Kiosk Screensavers** section allows administrators to create and manage custom screensavers for kiosks. These screensavers can be assigned to kiosks and displayed when the kiosk remains idle for the configured screensaver duration.

Navigate to **VirtuKiosk → Kiosk Screensavers** to manage kiosk screensavers.

Add Kiosk Screensaver

To create a new kiosk screensaver:

1. Navigate to **VirtuKiosk → Kiosk Screensavers**.
2. Click **Add Screensaver**.
3. Enter a **Title** for the screensaver.
4. Click **Submit** to save the screensaver.

Once created, the screensaver becomes available for selection in the **Kiosk Default Configuration**.

Screensaver Details

The following information is maintained for each screensaver:

Field	Description
Title	Name of the kiosk screensaver.

Manage Kiosk Screensavers

Administrators can:

- Add new kiosk screensavers.
- View all available screensavers.
- Edit existing screensavers.
- Delete screensavers that are no longer required.
- Assign screensavers to kiosk configurations.

Best Practices

- Use meaningful titles for easy identification.
- Create separate screensavers for different kiosk themes or campaigns.
- Remove unused screensavers to keep the list organized.
- Verify the screensaver before assigning it to a kiosk.

> **Important:**
> After creating a screensaver, it can be selected from the **Kiosk Default Configuration** page and used as the default screensaver for supported kiosks.

Kiosk Default Config

Overview

The **Kiosk Default Configuration** section allows administrators to define the default behavior and appearance of kiosks. Separate configuration panels are available for **Horizontal** and **Vertical** kiosk layouts, enabling each orientation to have its own independent settings.

These configurations control the kiosk's screensaver, home content, products, categories, map behavior, printer settings, Smart Scale, and other default options.

Navigate to **VirtuKiosk → Kiosk Default Config** to manage these settings.

Horizontal Configuration

The **Horizontal Configuration** is used to configure kiosks operating in **Landscape (Horizontal)** mode. All settings applied in this section affect only horizontal kiosks.

Screensaver Configuration

Configure the kiosk screensaver using the following options:

Setting	Description
Screensaver Time (Minutes)	Defines the idle time before the screensaver is displayed.
Slide Interval (Seconds)	Sets the time interval between screensaver slides.
Screensaver Image Scale	Select how screensaver images should be displayed (e.g., Fit).
Kiosk Screensaver	Select the default screensaver for the kiosk.

If no screensaver content is selected, all available content will be merged automatically.

Map Configuration

Configure the default map behavior.

Available settings include:

- **Map View Rotation (°)**
- **Map Track Rotation (°)**

These options determine how the kiosk map is displayed.

Content Configuration

Configure the default content that appears on the kiosk.

Available options include:

- Kiosk Root Category
- Screensaver Product
- Screensaver Video
- Screensaver Content
- Home Content (Mode)
- Home Product
- Home Category

If nothing is selected, the kiosk automatically displays all available content.

Featured Products

Administrators can configure up to **six default products**.

Available selections:

- Product 1
- Product 2
- Product 3
- Product 4
- Product 5
- Product 6

These products are displayed as featured items on the kiosk.

Printer Configuration

Configure printer functionality.

- **Printer** – Enable or disable receipt printing.

By default:

- **Printer:** Off

Smart Scale

The **Smart Scale** option automatically adjusts content according to the kiosk's display size.

Kiosk Attributes

Configure additional kiosk-specific attributes required for the horizontal layout.

Vertical Configuration

The **Vertical Configuration** is used to configure kiosks operating in **Portrait (Vertical)** mode.

The available settings are similar to the Horizontal configuration but are applied independently for vertical kiosks.

Screensaver Configuration

Configure screensaver settings for vertical kiosks.

Available options:

Setting	Description
Screensaver Time (Minutes)	Sets the idle time before the screensaver starts.
Slide Interval (Seconds)	Defines the interval between screensaver slides.

Setting	Description
Screensaver Image Scale	Select the preferred image scaling mode.
Kiosk Screensaver	Choose the default screensaver.

If no screensaver content is selected, all available content will be merged automatically.

Map Configuration

Configure the default map settings.

Available options:

- **Map View Rotation (°)**
- **Map Track Rotation (°)**

Content Configuration

Configure the default content displayed on the kiosk.

Available options include:

- Kiosk Root Category
- Screensaver Product
- Screensaver Video
- Screensaver Content
- Home Content (Mode)
- Home Product
- Home Category

If no content is selected, the kiosk automatically displays all available content.

Featured Products

Configure up to **six featured products** for the kiosk.

Available selections:

- Product 1

- Product 2
- Product 3
- Product 4
- Product 5
- Product 6

Printer Configuration

Enable or disable printer support.

By default:

- **Printer:** Off

Smart Scale

Automatically adjusts the kiosk content according to the display size for a better viewing experience.

Kiosk Attributes

Configure additional kiosk-specific settings for vertical kiosks.

Manage Kiosk Default Configuration

Administrators can:

- Configure Horizontal kiosk settings.
- Configure Vertical kiosk settings.
- Set screensaver behavior.
- Configure map rotation.
- Select home screen content.
- Configure root categories.

- Select featured products.
- Enable or disable printer support.
- Configure Smart Scale.
- Manage kiosk attributes.

Best Practices

- Configure the correct settings for both kiosk orientations.
- Verify the root category before deployment.
- Select appropriate home content for users.
- Test screensaver timing and transitions.
- Enable printer functionality only when required.
- Review all settings before saving the configuration.

> **Important:**
> The **Horizontal** and **Vertical** configurations are managed **independently**. Any changes made to one layout do **not** affect the other. After completing the required configuration, click **Submit** to save the settings.

Kiosk Image Size

Overview

The **Image Dimensions** section allows administrators to configure the spacing and display margins for different screens of the kiosk interface. These settings help control how content is positioned on the screen by adjusting the top, bottom, left, and right dimensions.

Navigate to **Settings → Image Dimensions** to configure kiosk screen dimensions.

Kiosk Configuration

Select the appropriate kiosk configuration before applying dimension settings.

Example:

Theme

- **Kiosk Horizontal**
- **Kiosk Vertical**

& Many more options given in the theme you can choose

The available configuration may vary depending on the selected kiosk theme.

Screen Dimensions

Administrators can configure the following dimensions for each screen:

Setting	Description
Top	Sets the top spacing of the screen content.
Bottom	Sets the bottom spacing of the screen content.
Left	Sets the left spacing of the screen content.
Right	Sets the right spacing of the screen content.

Setting	Description
Available For	Choose whether the configuration applies to **Both** orientations or a specific layout.

All values are configured as percentages (%), allowing flexible positioning across different screen sizes.

Available Screens

Dimension settings can be configured separately for:

- **Screensaver**
- **Home**
- **Content**

This allows each screen to have its own layout and spacing configuration.

Manage Image Dimensions

Administrators can:

- Configure screen margins.
- Adjust top, bottom, left, and right spacing.
- Apply settings to supported kiosk layouts.
- Customize dimensions for individual screens.

Best Practices

- Preview the layout after changing dimension values.
- Use balanced spacing for a clean user interface.
- Apply consistent dimensions across screens where possible.
- Test the layout on the target kiosk display before deployment.

> **Important:**
> Changes made in the **Image Dimensions** section affect the positioning of content displayed on the kiosk screens. After updating the values, save the configuration to apply the new layout.

Heat Map

Overview

The **Kiosk Status** section provides a real-time overview of all registered kiosks. It displays the current connection status, activity, and location of each kiosk, allowing administrators to monitor kiosk availability from a single dashboard.

Navigate to **VirtuKiosk → Kiosks** to view kiosk status.

Kiosk Status

Each kiosk card displays important information, including:

- **Kiosk Name**
- **Mapped Account**
- **Connection Status**
- **Last Online Time**
- **Kiosk Type**
- **Activity Status**

Example:

- **Status:** Casual *(Inactive for 2–8 hours)*
- **Online:** Jul 23, 2026 11:47 AM

Status Categories

The dashboard categorizes kiosks based on their current status:

- **Online** – Kiosk is connected and actively communicating with the server.
- **Offline** – Kiosk is currently disconnected.
- **Casual** – Kiosk has been inactive for a short period (for example, **2–8 hours**).
- **Unmapped** – Kiosk has not been mapped to any account.

These categories help administrators quickly identify the operational state of each kiosk.

Search Kiosks

Use the **Search** box to quickly locate a kiosk by its name or other available details.

Kiosk Location Map

Selecting a kiosk opens its **Location Map**, allowing administrators to view the kiosk's geographical location.

The map helps administrators:

- View the kiosk's current location.
- Verify where the kiosk is installed.
- Identify the kiosk on an interactive map.
- Monitor kiosk deployment across different locations.

Manage Kiosks

Administrators can:

- View real-time kiosk status.
- Monitor online and offline kiosks.
- Check the last online timestamp.
- View kiosk locations on the map.
- Search for specific kiosks.
- Identify unmapped kiosks.

Best Practices

- Regularly monitor kiosk status to ensure uninterrupted operation.
- Review offline or casual kiosks for connectivity issues.
- Verify kiosk locations using the map when deploying or troubleshooting devices.
- Ensure every kiosk is properly mapped to the correct account.

> **Important:**
> The **Kiosk Status** dashboard provides a real-time overview of kiosk connectivity and activity. Clicking on a kiosk opens its **Location Map**, making it easy to verify the kiosk's installation location and monitor its operational status.

Web Assets

Overview

The **Web Assets** section allows administrators to register and manage external web asset URLs that can be used within the VirtuKiosk application. These assets may include web pages, hosted content, web applications, or other online resources that need to be accessed from the kiosk.

Navigate to **VirtuKiosk → Web Assets** to manage web asset URLs.

Web Assets

The **Web Assets** page displays all configured web asset URLs.

If no web asset has been added, the system displays:

> **No Web Assets found. Please add a web asset first.**

Add Web Asset

To add a new web asset:

1. Navigate to **VirtuKiosk → Web Assets**.
2. Click **Add Web Asset**.
3. Enter the required **Web Asset URL**.
4. Save the configuration.

Once added, the web asset becomes available for use within supported kiosk features.

Web Asset Details

The following information is maintained for each web asset:

Field	Description
URL	Displays the configured web asset URL.
Web Asset URL	The external web address used by the kiosk.

Manage Web Assets

Administrators can:

- Add new web assets.
- View configured web asset URLs.
- Edit existing web assets.
- Delete web assets that are no longer required.

Best Practices

- Use valid and accessible HTTPS URLs whenever possible.
- Verify the URL before saving.
- Remove outdated or unused web assets.
- Ensure hosted web content is accessible from the kiosk.

> **Important:**
> Web Assets allow administrators to configure external web URLs that can be accessed by the kiosk. Make sure the provided URL is valid and reachable before saving the configuration.

Kiosk Uptime

Overview

The **Uptimes Report** section provides administrators with the uptime status and heartbeat information for all registered kiosks. It helps monitor kiosk availability, connection status, and overall operational health over a selected time period.

Navigate to **VirtuKiosk → Uptimes** to view kiosk uptime reports.

Uptimes Report

The **Uptimes Report** displays the uptime details of all kiosks based on the selected filters.

Administrators can filter the report using:

- **Date Range**
- **Kiosk**

This makes it easier to analyze uptime information for a specific kiosk or a selected period.

Report Details

The report contains the following information:

Column	Description
Kiosk ID	Unique identifier assigned to the kiosk.
Title	Name of the kiosk.
City	Location where the kiosk is installed.
Event Date	Date on which the uptime record was generated.
First Heartbeat	Timestamp of the first heartbeat received from the kiosk.
Last Heartbeat	Timestamp of the most recent heartbeat received.

Column	Description
Uptime	Total uptime duration of the kiosk during the selected period.
Sessions	Number of kiosk sessions recorded.

Filters

The following filters are available to customize the report:

- **Date Range** – Select a predefined or custom date range.
- **Kiosk** – View uptime data for a specific kiosk or **All** kiosks.

Search Report

Use the **Search** field to quickly find a kiosk by its **Kiosk ID**, **Title**, or **City**.

The **Show Entries** option allows administrators to control the number of records displayed on each page.

Manage Uptime Reports

Administrators can:

- Monitor kiosk availability.
- View heartbeat information.
- Track kiosk uptime.
- Analyze kiosk sessions.
- Filter reports by kiosk and date range.
- Search for specific kiosk records.

Best Practices

- Regularly monitor uptime reports to ensure kiosks remain online.
- Review heartbeat timestamps to identify communication issues.

- Investigate kiosks with low uptime or missing heartbeat records.
- Use date filters to analyze kiosk performance over specific periods.

> **Important:**
> The **Uptimes Report** helps administrators monitor the operational status of kiosks by recording heartbeat activity, uptime duration, and session information. Regularly reviewing this report helps identify offline kiosks and maintain reliable kiosk performance.

Services (Browse for Photo Print)

Overview

The **Browsers** section allows administrators to manage and register browsers that are used with **VirtuKiosk**. Each browser can be associated with a kiosk using unique browser and kiosk codes, enabling the application to identify and communicate with the correct browser instance.

Navigate to **VirtuKiosk → Browsers** to manage browser configurations.

Browser List

The **Browsers** page displays all registered browsers in a tabular format.

The table includes the following information:

Column	Description
Kiosk	Displays the associated kiosk name.
Kiosk Code	Unique code assigned to the kiosk.
Browser	Displays the registered browser name.
Browser Code	Unique identifier assigned to the browser.

If no browser has been registered, the system displays:

> **No Browser found. Please add a browser first.**

Manage Browsers

Administrators can:

- View all registered browsers.
- Associate browsers with kiosks.
- Verify kiosk and browser codes.
- Manage browser configurations for supported kiosks.

Search Browsers

Use the available search and filter options to quickly locate a registered browser or kiosk.

Best Practices

- Register each browser with the correct kiosk.
- Verify that the **Kiosk Code** and **Browser Code** are correctly configured.
- Remove or update browser configurations whenever necessary.
- Keep browser information up to date for smooth kiosk operation.

> **Important:**
> A browser must be registered before it can be associated with a kiosk. Once configured, the browser can be used for supported VirtuKiosk operations and communication.