



DMS | IAM | AMS

Cloud-based Management

Manage all your devices and accounts, from anywhere, all at once



Management made easy

BenQ provides a comprehensive suite of IT admin solutions designed to streamline device and user account management tasks and significantly reduce IT workload. And unlike other display providers, BenQ IT management solutions are developed in-house so you can easily manage all your boards and user accounts, anywhere, all at once, without additional costs.



All your boards

Easily onboard and organize all your BenQ boards for convenient management and scheduling of tasks and updates.



Anywhere

Monitor and manage from anywhere through our remotely accessible cloud-based console.



All your accounts

Sync with your existing directory services for effortless user list management and access control implementation.



All at once

Instantly push policies, updates, and other settings to all your devices with just a click.

Why use BenQ management solutions?



We offer **comprehensive remote management** of devices, user lists, and accounts.



Our in-house platforms guarantee **timely, regular updates**.



Our solutions provide **granular account management, directory syncing, and role-based access**.



We use vetted **secure cloud platforms** that adhere to strict data privacy measures.



Our solutions ensure **user account separation** with **secure single sign-on**.



We ensure that your **data never goes to a third party** without your consent.



Our solutions offer **account personalization** and **cloud storage syncing**.

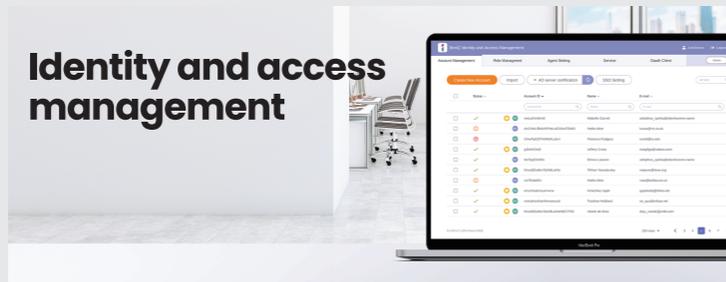


We offer our management platforms at **no additional cost**.

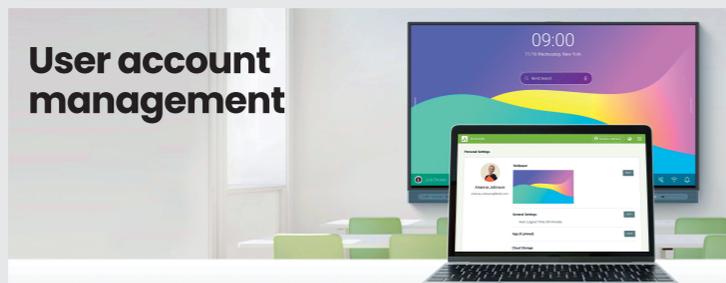
BenQ has all your bases covered



- Device enrollment
- Grouping and tagging
- Policy management
- Task automation
- Firmware updates
- App installation
- App updates
- App blocking
- App store blocking
- Power management
- Device optimization
- Device analytics



- Account creation
- Account management
- Directory synchronization (SSO)
- User role assignment



- Single sign-on
- Cloud storage linking
- Convenient login
- Account separation
- Account personalization



BenQ DMS

Device Management Solution

Centrally manage all your
BenQ devices on a single dashboard.



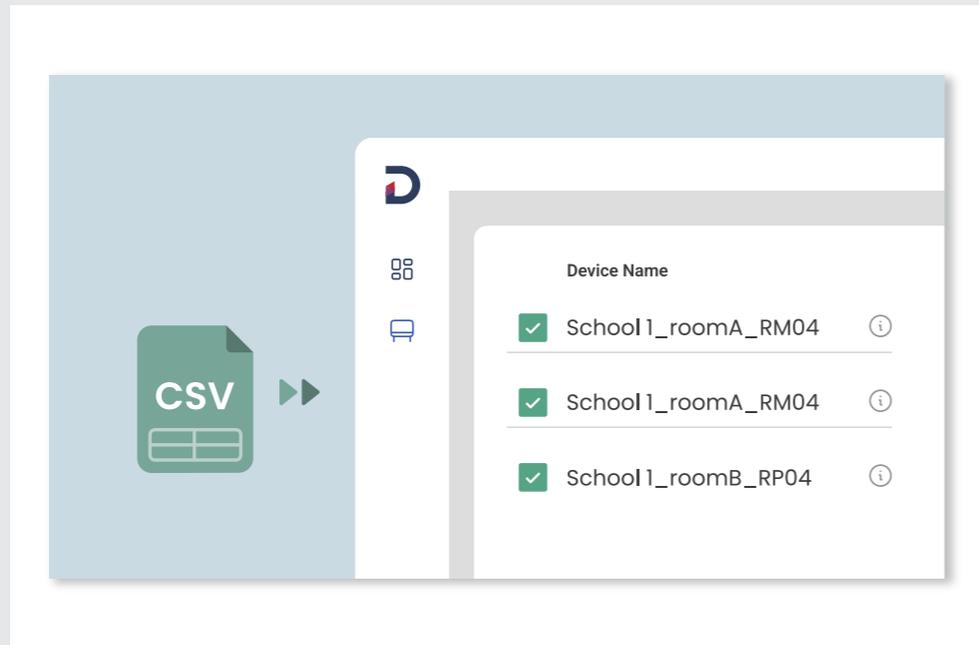


Quickly onboard new devices

DMS expedites the onboarding process by giving you two convenient ways to add new BenQ Boards to your network:

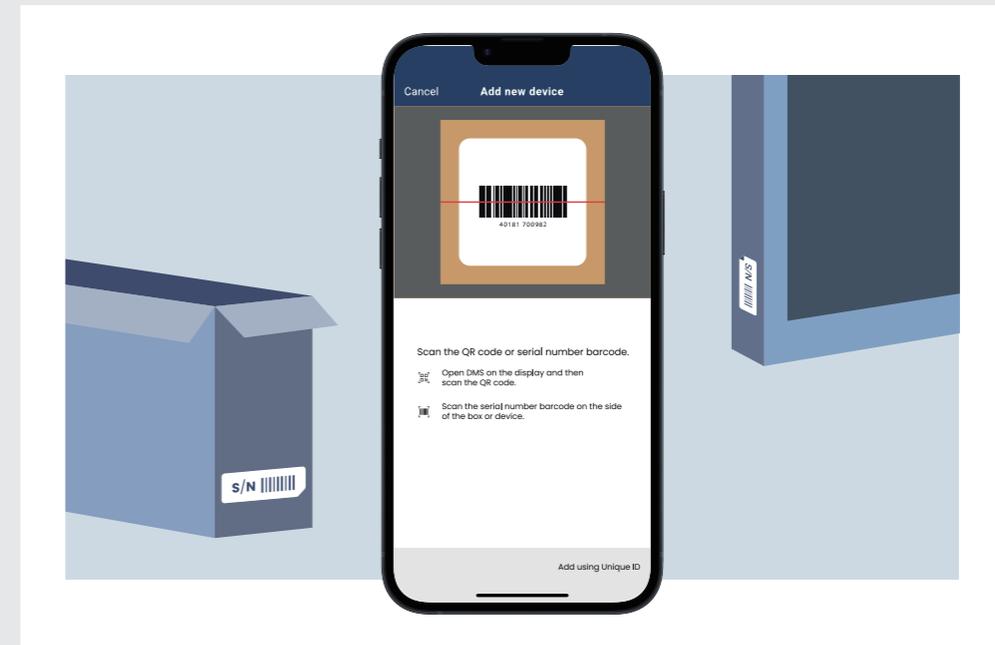
Onboard by batch

Bind a batch of BenQ Boards in one go by simply importing a CSV file to DMS.



Scan to onboard

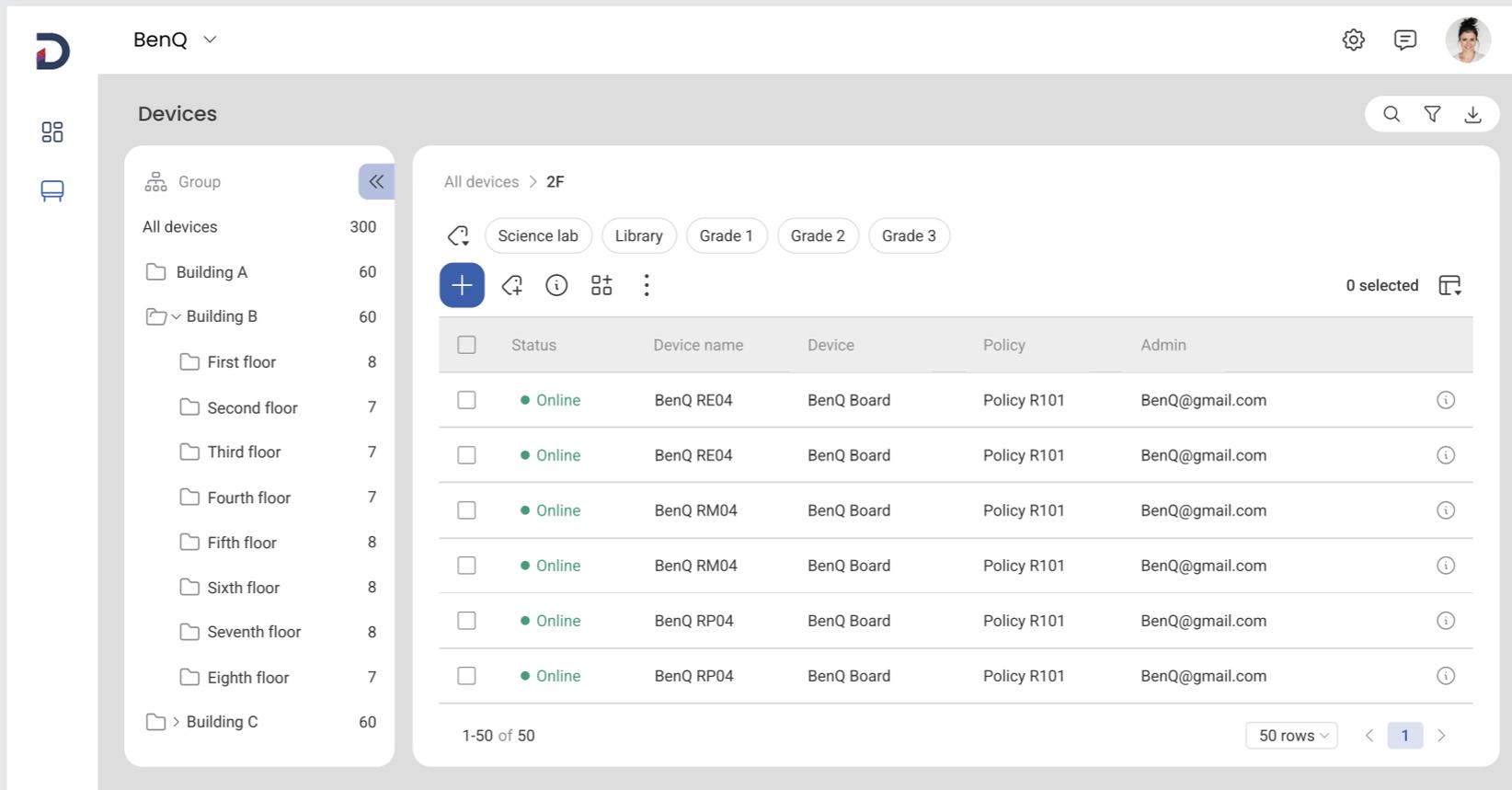
Use the DMS app to scan the board serial number barcode, and then enter a device name.



*DMS also supports QR code enrollment.

Organize your devices

Groups and tags allow you to categorize all your devices, making them easy to identify, maintain, monitor, and troubleshoot.



BenQ ▾

Devices

All devices 300

Building A 60

Building B 60

- First floor 8
- Second floor 7
- Third floor 7
- Fourth floor 7
- Fifth floor 8
- Sixth floor 8
- Seventh floor 8
- Eighth floor 7

Building C 60

All devices > 2F

Science lab Library Grade 1 Grade 2 Grade 3

0 selected

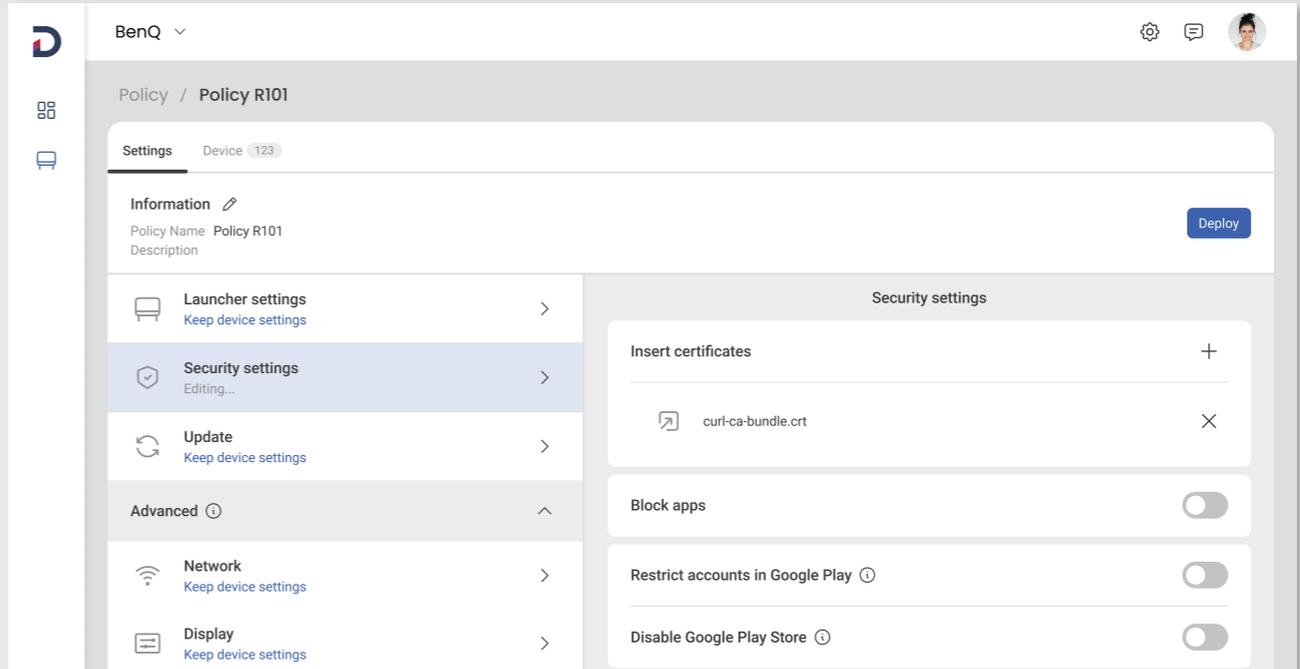
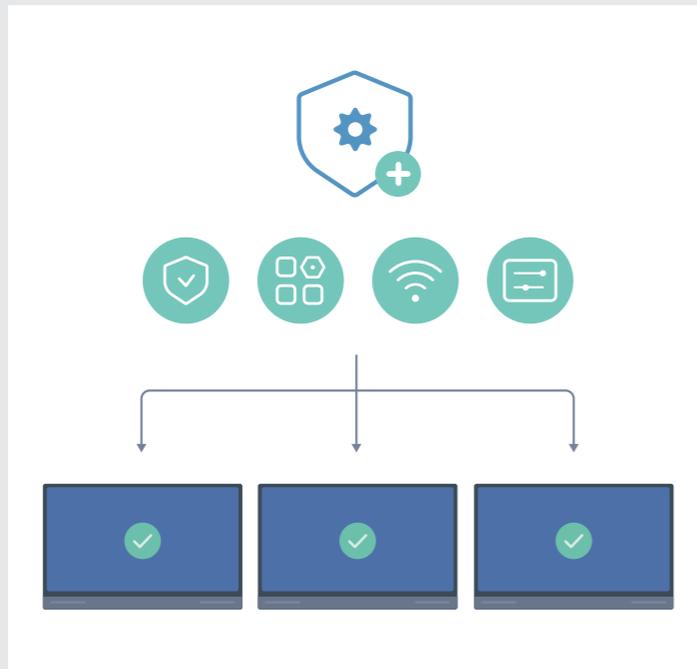
Status	Device name	Device	Policy	Admin
● Online	BenQ RE04	BenQ Board	Policy R101	BenQ@gmail.com
● Online	BenQ RE04	BenQ Board	Policy R101	BenQ@gmail.com
● Online	BenQ RM04	BenQ Board	Policy R101	BenQ@gmail.com
● Online	BenQ RM04	BenQ Board	Policy R101	BenQ@gmail.com
● Online	BenQ RP04	BenQ Board	Policy R101	BenQ@gmail.com
● Online	BenQ RP04	BenQ Board	Policy R101	BenQ@gmail.com

1-50 of 50

50 rows ▾ < 1 >

Set policies

Create and push policies to all your BenQ Boards, specific groups, or individual devices. Policies let you install and block apps, apply security certificates, deploy Wi-Fi connection settings, and more.



BenQ

Policy / Policy R101

Settings Device 123

Information

Policy Name Policy R101

Description

Deploy

Launcher settings
Keep device settings

Security settings
Editing...

Update
Keep device settings

Advanced

Network
Keep device settings

Display
Keep device settings

Security settings

Insert certificates

curl-ca-bundle.crt

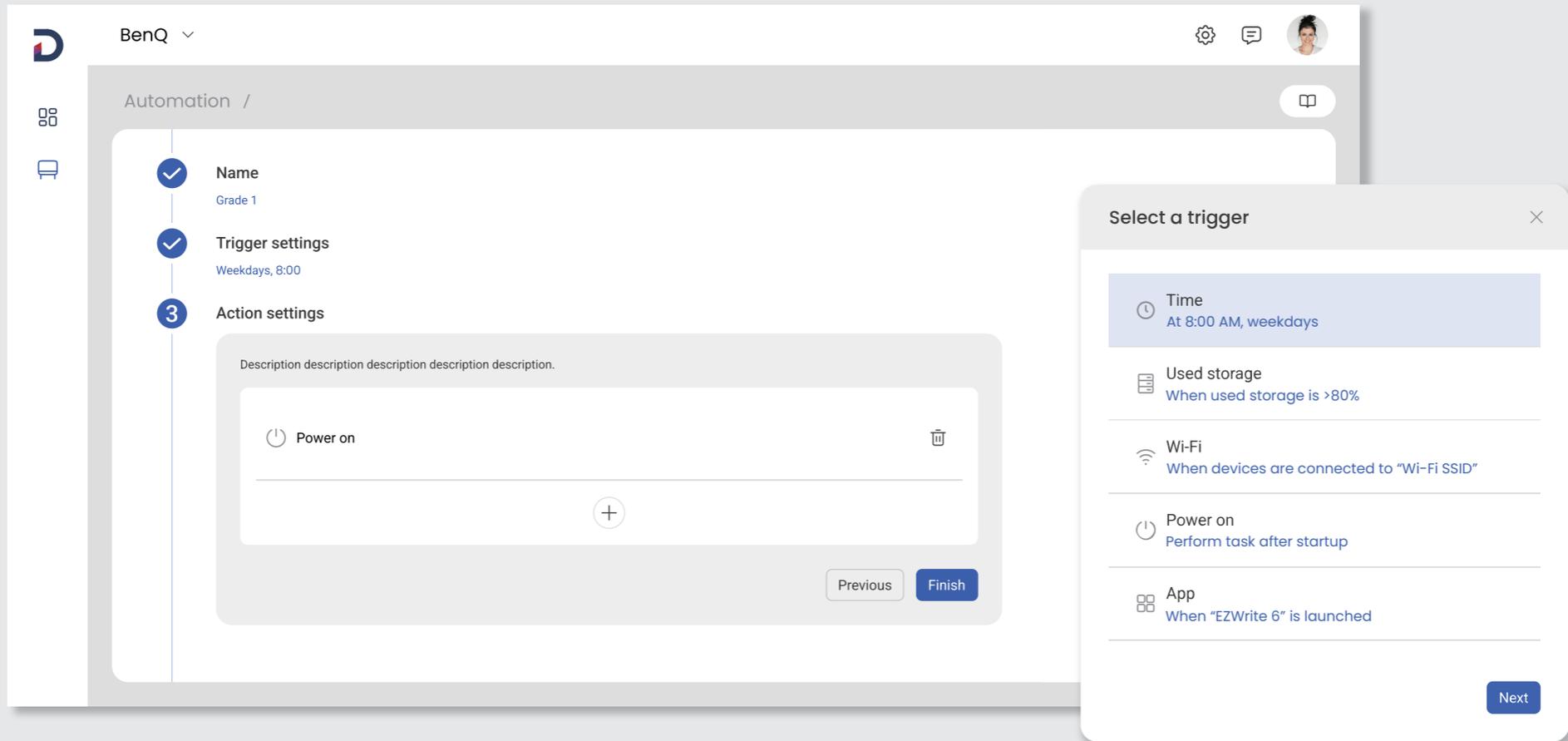
Block apps

Restrict accounts in Google Play

Disable Google Play Store

Automate tasks

Enhance operational efficiency by automating routine processes for all your BenQ Boards. Through DMS, you can assign triggers for specific tasks.



The screenshot displays the DMS Automation interface for a BenQ device. The main screen shows a task configuration process with three steps: Name (Grade 1), Trigger settings (Weekdays, 8:00), and Action settings (3). The Action settings section is currently active, showing a description field and a list of actions. The 'Power on' action is selected, and a 'Select a trigger' modal is open, allowing the user to choose from various triggers.

Automation /

- ✓ **Name**
Grade 1
- ✓ **Trigger settings**
Weekdays, 8:00
- 3 Action settings**

Description description description description description.

Power on

Previous Finish

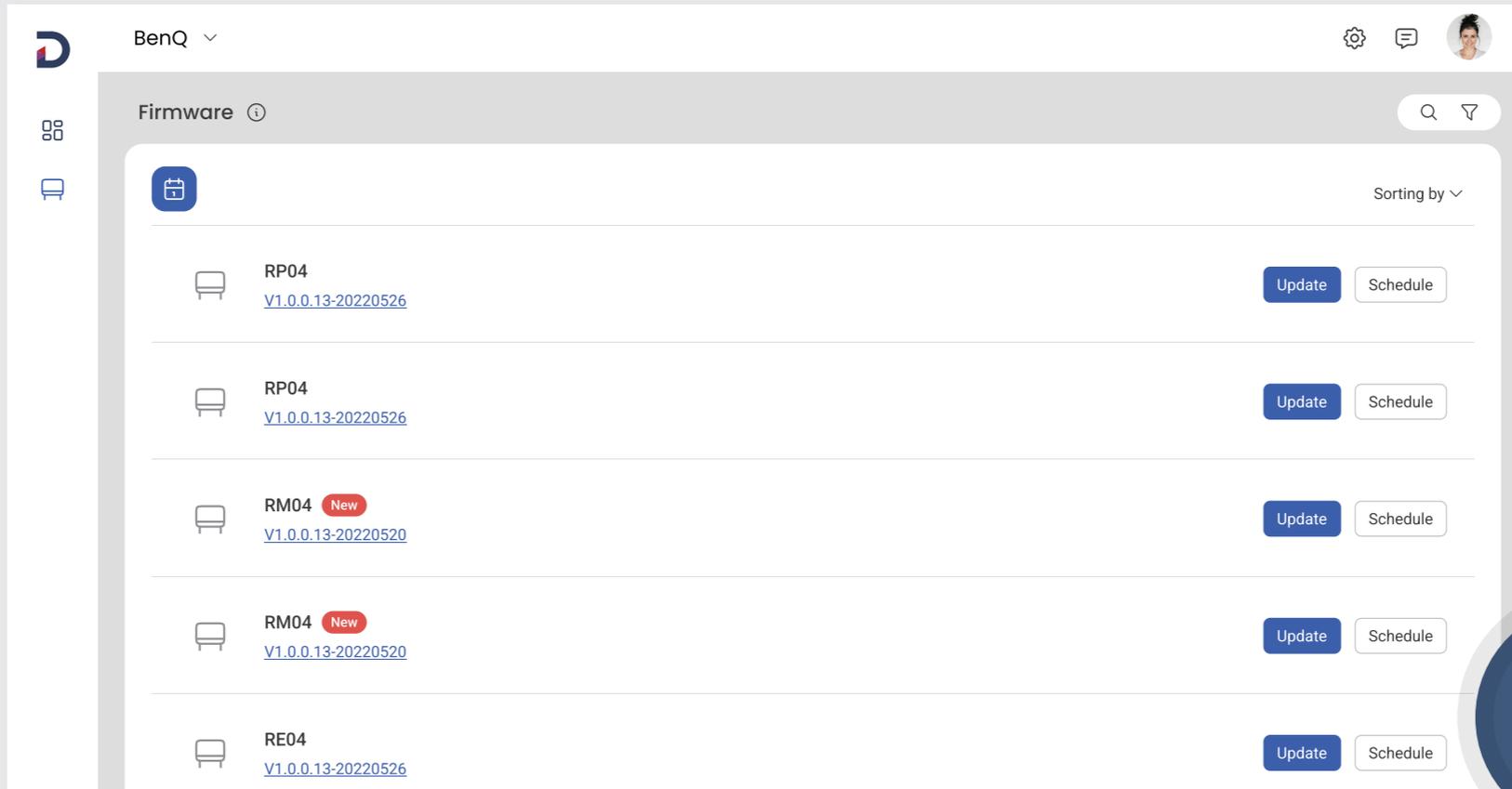
Select a trigger

- Time
At 8:00 AM, weekdays
- Used storage
When used storage is >80%
- Wi-Fi
When devices are connected to "Wi-Fi SSID"
- Power on
Perform task after startup
- App
When "EZWrite 6" is launched

Next

Push firmware updates

DMS notifies you when updates are available to ensure that your BenQ Boards are always equipped with the latest features and security patches. You can push firmware updates to all your devices instantly or schedule the installation to a more convenient time.



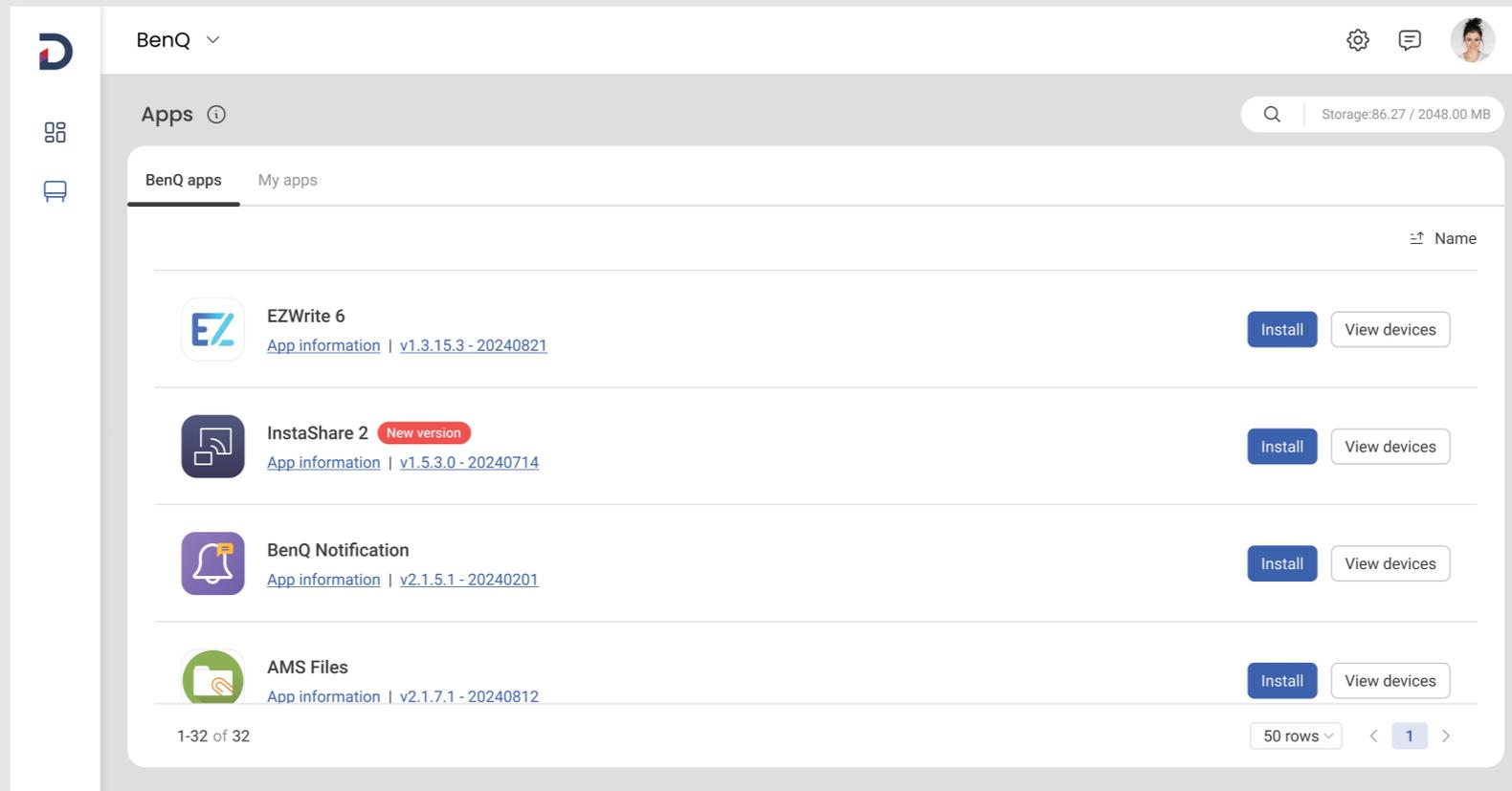
The screenshot shows the 'Firmware' management page in the DMS interface for BenQ devices. The page lists five device models with their respective firmware versions and update options. The 'RM04' models are marked as 'New'.

Device Model	Firmware Version	Update Status	Update Button	Schedule Button
RP04	V1.0.0.13-20220526		Update	Schedule
RP04	V1.0.0.13-20220526		Update	Schedule
RM04	V1.0.0.13-20220520	New	Update	Schedule
RM04	V1.0.0.13-20220520	New	Update	Schedule
RE04	V1.0.0.13-20220526		Update	Schedule



Install and update apps

DMS makes it easy for admins to install apps or push app updates to all or specific groups of BenQ Boards.



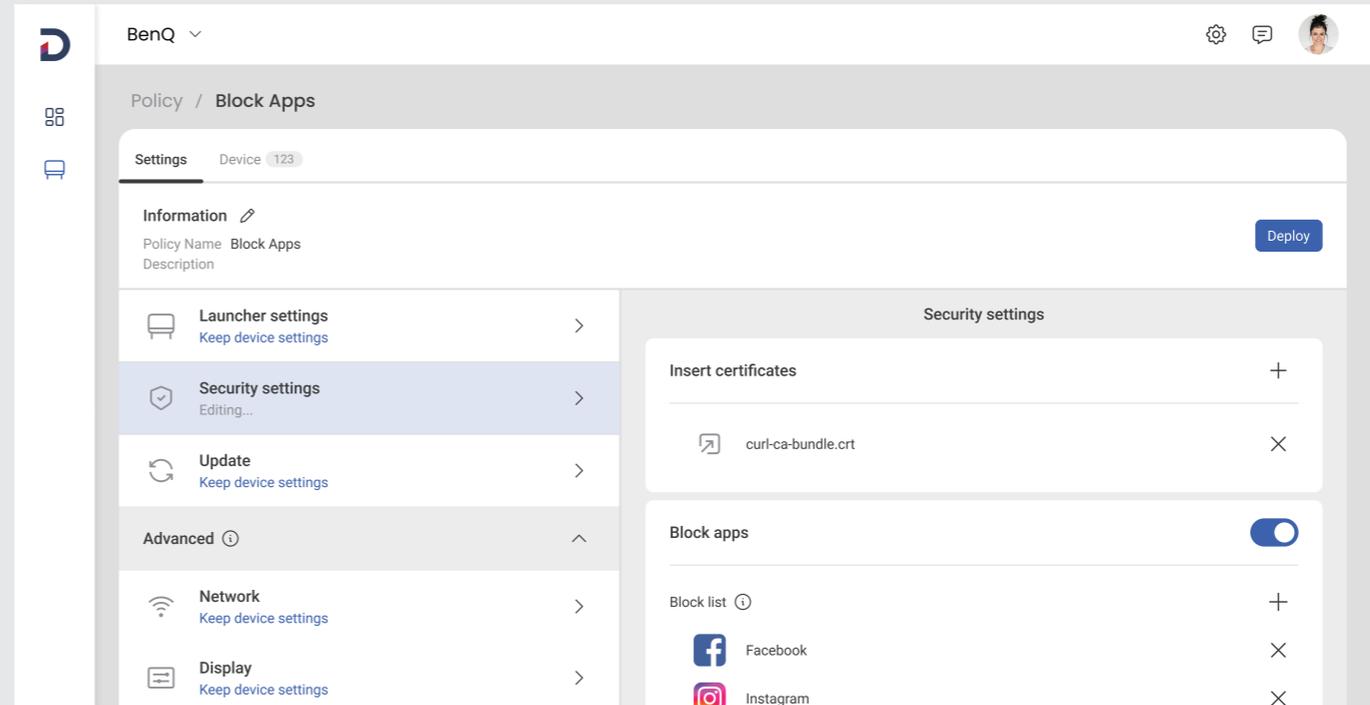
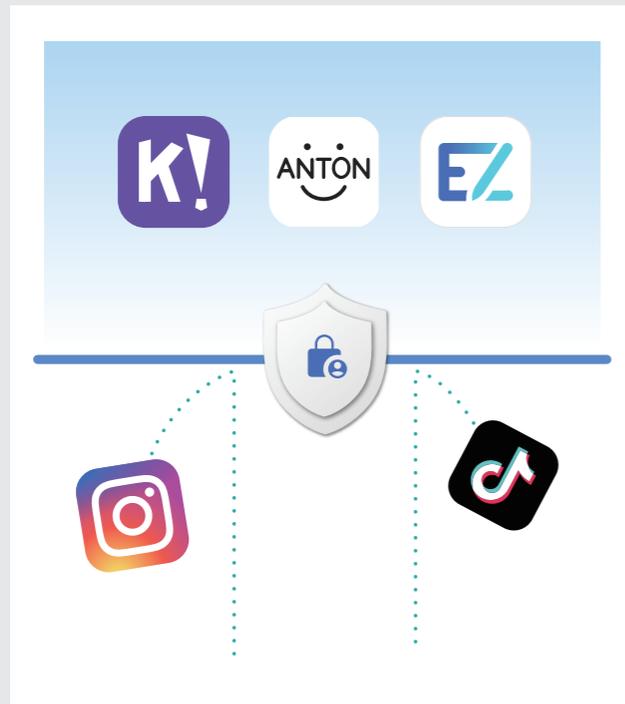
The screenshot shows the DMS interface for managing BenQ devices. The top navigation bar includes the DMS logo, the device group 'BenQ', and user profile icons. The main content area is titled 'Apps' and shows a search bar with 'Storage: 86.27 / 2048.00 MB'. Below the search bar, there are two tabs: 'BenQ apps' (selected) and 'My apps'. The app list is sorted by name and contains the following items:

App Icon	App Name	Version / ID	Install Button	View devices Button
	EZWrite 6	App information v1.3.15.3 - 20240821	Install	View devices
	InstaShare 2 New version	App information v1.5.3.0 - 20240714	Install	View devices
	BenQ Notification	App information v2.1.5.1 - 20240201	Install	View devices
	AMS Files	App information v2.1.7.1 - 20240812	Install	View devices

At the bottom of the app list, there is a pagination indicator '1-32 of 32', a '50 rows' dropdown menu, and a page number '1' with navigation arrows.

Block apps and Google Play

Other EDLA boards allow anyone with a Google Workspace or Google account to log into Google Play and download unauthorized apps like TikTok or Instagram on their boards. DMS prevents this by giving you the option to block specific apps or even disable the Google Play Store on your BenQ Boards.



BenQ

Policy / Block Apps

Settings Device 123

Information [Edit](#)

Policy Name Block Apps

Description

Deploy

Launcher settings [Keep device settings](#)

Security settings [Editing...](#)

Update [Keep device settings](#)

Advanced [ⓘ](#)

Network [Keep device settings](#)

Display [Keep device settings](#)

Security settings

Insert certificates +

curl-ca-bundle.crt ×

Block apps

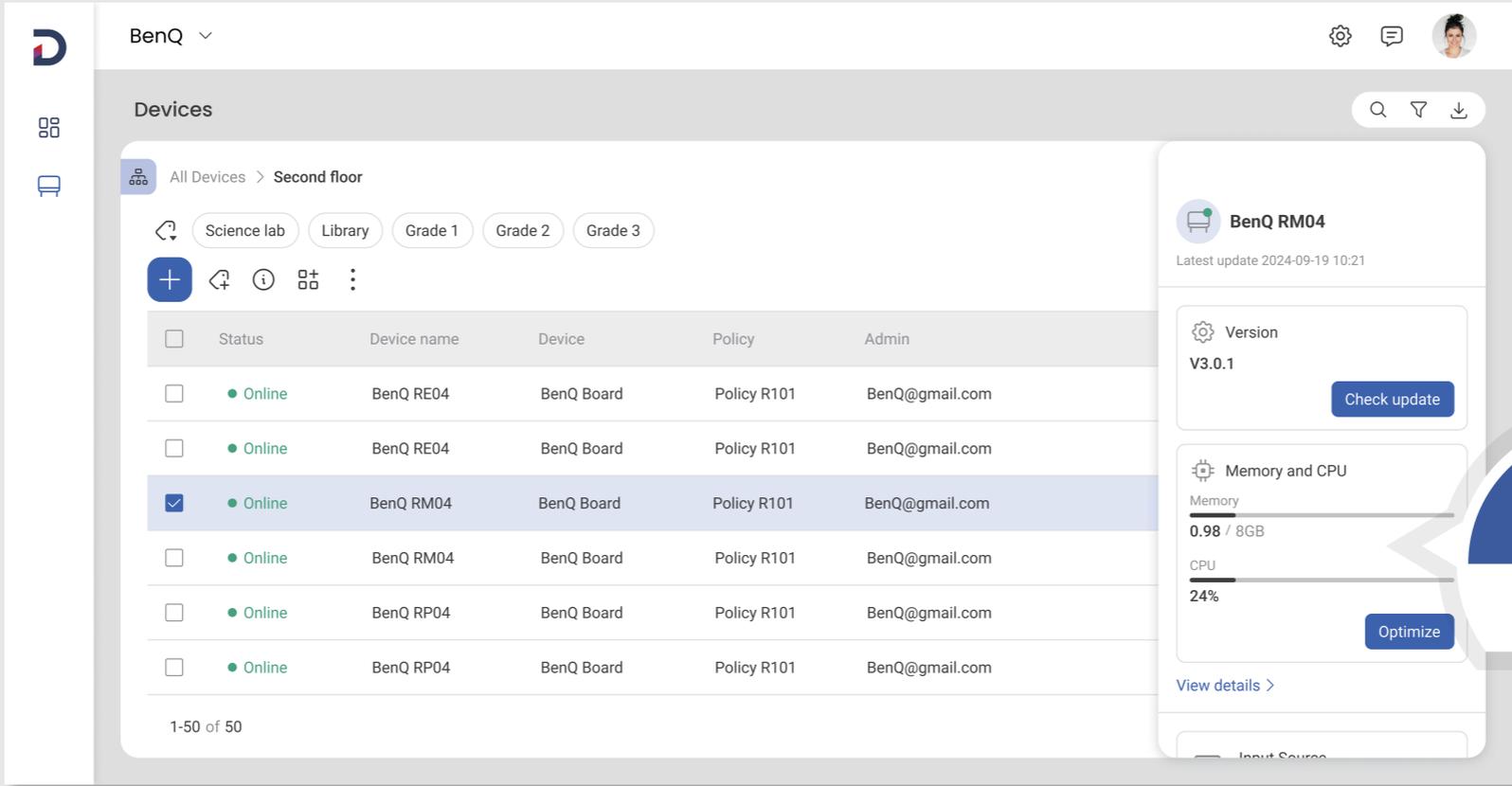
Block list [ⓘ](#)

Facebook ×

Instagram ×

Optimize storage and performance

With how easy it is to record videos and download files on the board, over time, users may run out of storage space. You can remotely free up storage and even optimize the CPU and memory using DMS.



The screenshot displays the DMS interface for managing devices. The main view shows a list of devices under the 'Second floor' category. The table below summarizes the device information:

Status	Device name	Device	Policy	Admin
Online	BenQ RE04	BenQ Board	Policy R101	BenQ@gmail.com
Online	BenQ RE04	BenQ Board	Policy R101	BenQ@gmail.com
<input checked="" type="checkbox"/> Online	BenQ RM04	BenQ Board	Policy R101	BenQ@gmail.com
Online	BenQ RM04	BenQ Board	Policy R101	BenQ@gmail.com
Online	BenQ RP04	BenQ Board	Policy R101	BenQ@gmail.com
Online	BenQ RP04	BenQ Board	Policy R101	BenQ@gmail.com

The detailed view for the selected device, BenQ RM04, shows the following information:

- Latest update: 2024-09-19 10:21
- Version: V3.0.1 (with a 'Check update' button)
- Memory and CPU usage:
 - Memory: 0.98 / 8GB
 - CPU: 24% (with an 'Optimize' button)
- View details >



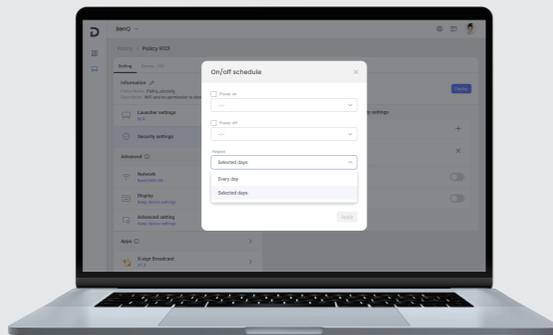
Regulate energy consumption

Increase your energy efficiency by leveraging the power saving features of your BenQ Boards from DMS.



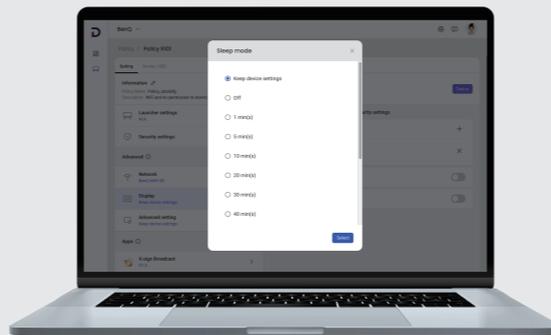
Set a power schedule

Automatically shut down your boards after work by setting a power on and off schedule.



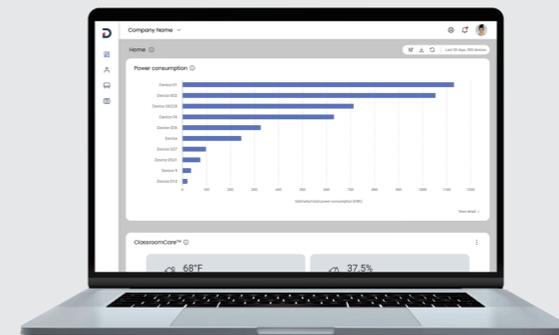
Set a sleep mode timer

Save energy throughout the day by setting a timer and putting idle boards to sleep.



Monitor power usage

Review the estimated power consumption of all your boards from the DMS Dashboard.





Get comprehensive analytics

Get a quick overview from your dashboard or select specific devices and data points to generate more informative reports.



General

- Total devices
- Online devices
- Latest updates
- Event log
- CPU usage
- Memory
- Storage
- Wi-Fi network traffic
- App usage



Power

- Energy saved
- Power consumption
- Devices with power saving features enabled
- Power consumption over the last 6 months
- Top power-consuming devices
- Top power-consuming device groups



Air quality

- Temperature
- Humidity
- CO₂
- PM_{2.5}
- PM₁₀
- TVOC

09:00

11/16 Wednesday, New York

English midterms moved to 8/23



BenQ Search



09:00

11/16 Wednesday, New York

Reminders:
- Algebra exam on Friday
- Submit proposals before noon



BenQ Search



BenQ

Home

300 Total devices | 279 Online devices

Device Status

CPU | Memory | Storage

Storage Donut Chart

- < 50%
- 50~90%
- > 90%

What's new 18 | Event log

- 2024-09-12 InstaShare 2 Ver 8.2 is available for update.
- 2024-08-28 Firmware Ver 1.1.2.3 for RP7504 is available for update.
- 2024-08-15 DMS Client app 3.0.2.2 for RM7504 is available for update.
- 2024-08-03 EZWrite 6 app V1.0.3.4 for RP7504 is available for update.

View all updates > | View details >

Wi-Fi Network Traffic

App usage

Wi-Fi Network Traffic Legend:

- InstaShare
- Chrome
- YouTube
- Others
- EZwrite
- AMS

App usage Legend:

- Kahoot
- EZWrite
- Chrome
- InstaShare
- YouTube
- Others



BenQ IAM

Identity and Access Management

Reduce IT staff workload with centralized user account provisioning and secure single sign-on.

BenQ Identity and Access Management

Jodi Brown

Account Management | Role Management | Agent Setting | Service | Oauth Client

Create New Account | Import | AD server certification | SSO Setting

<input type="checkbox"/>	Status	Account ID	Name	E-mail
<input type="checkbox"/>	✓	★ AD meLdIAmEmS	Mabelle Garrett	adolphus_spinka@oberbrunner.name
<input type="checkbox"/>	⚠	ⓁⓆ AnCHALIRoNATHeLvEGIANtOMO	Hallie Allen	luusa@ne.co.uk
<input type="checkbox"/>	⊗	AD OmoRyESTAtIMaNLativi	Florence Rodgers	rowid@te.edu
<input type="checkbox"/>	✓	★ AD glDeWOnO	Jeffery Cross	esegifga@sobwo.com
<input type="checkbox"/>	✓	ⓁⓆ NcTopEckIOs	Elnora Lawson	adolphus_spinka@oberbrunner.name
<input type="checkbox"/>	✓	★ AD KinatEDuBreTaXiBLEiNe	Tikhon Yaroslavsky	wejowe@kiwo.org
<input type="checkbox"/>	⚠	ⓁⓆ cUTEIpbEN	Hallie Allen	viza@bufduv.co.uk
<input type="checkbox"/>	✓	★ AD enturboatersumverw	Amachea Jajah	gapekabij@tolna.net
<input type="checkbox"/>	✓	★ AD omirphonthamberseousit	Trashae Hubbard	se_qua@whpa.net
<input type="checkbox"/>	✓	★ AD KinatEDuBreTaXiBLEiNeNECTRO	Veerle de Bree	deju_veerle@jindit.com

51-100 of 1,200 (Total 3,000) | 100 rows | 3 4 5 6

MacBook Pro



Create and manage accounts

Unlike other smart board solutions that require you to go to each and every board to create individual user accounts, the BenQ Board, through IAM, lets you conveniently create accounts through the cloud by entering the details or importing a list. With these accounts, your users can access any BenQ Board in your network. You can also then assign each user to a group or modify the BenQ services they have access to.

This screenshot shows the 'Accounts' page in the BenQ Identity and Access Management interface. The page has a navigation bar with 'Accounts', 'Groups', 'Roles', 'External Agent', and 'Service' tabs. Below the navigation bar are buttons for 'Invite', 'SSO setting', and 'Domain verification', along with a search field. A table lists user accounts with columns for Status, Name, E-mail, Job Title, and Office Location. The table contains six entries, all with a '✓' status and 'Employee' job title.

Status	Name	E-mail	Job Title	Office Location
✓	Arianna	arianna_huffington@BenQ.com	Employee	Boston, United States
✓	Jodie	jodie_foster@BenQ.com	Employee	Seattle, United States
✓	Lewis	lewis_capaldi@BenQ.com	Employee	New York City, United States
✓	Roger	roger_waters@BenQ.com	Employee	Philadelphia, United States
✓	Will	will_smith@BenQ.com	Employee	Chicago, United States
✓	Meghan	meghan_roche@BenQ.com	Employee	Los Angeles, United States

This screenshot shows the 'Groups' page in the BenQ Identity and Access Management interface. The page has a navigation bar with 'Accounts', 'Groups', 'Roles', 'External Agent', and 'Service' tabs. Below the navigation bar are buttons for 'Groups / Edit Service permission for Group - Teacher' and a search field. The page displays a table for setting up group service permission, with columns for 'Enable Service' and 'Role'. The table contains four entries, each with a 'Create a new role' button.

Enable Service	Role	Create a new role
X-Sign	Schedule Manager	Create a new role
DMS	Guest	Create a new role
AMS	Restricted User	Create a new role
Broadcast	User	Create a new role



Synchronize user lists

With IAM, you can easily import and sync user lists from directory services. Every time you add or remove users from your organization, the changes are automatically applied to IAM.

IAM syncs with the following directory services:



Google Workspace



Microsoft Entra ID



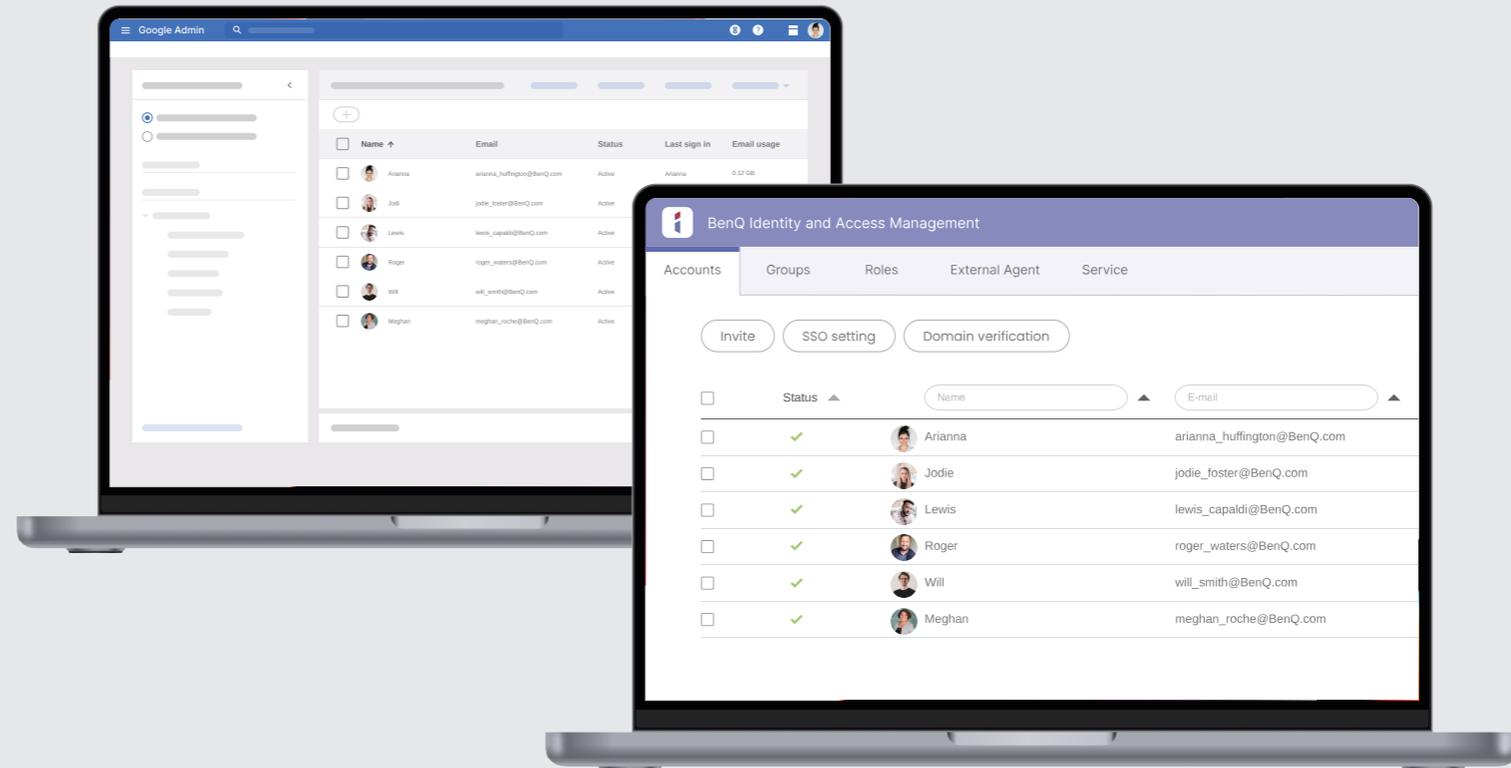
ClassLink



LDAP servers



Other SAML-based services





Prevent unauthorized access

Unlike other EDLA boards, which allow any user to become the admin, BenQ Boards, through AMS and IAM, let you assign roles to each user, making BenQ Board access even more secure.

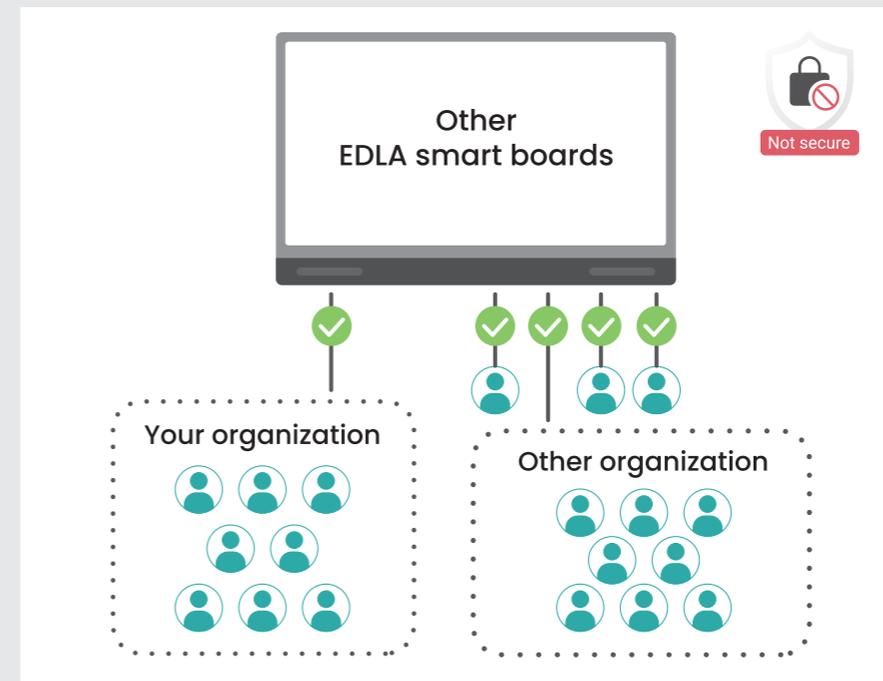
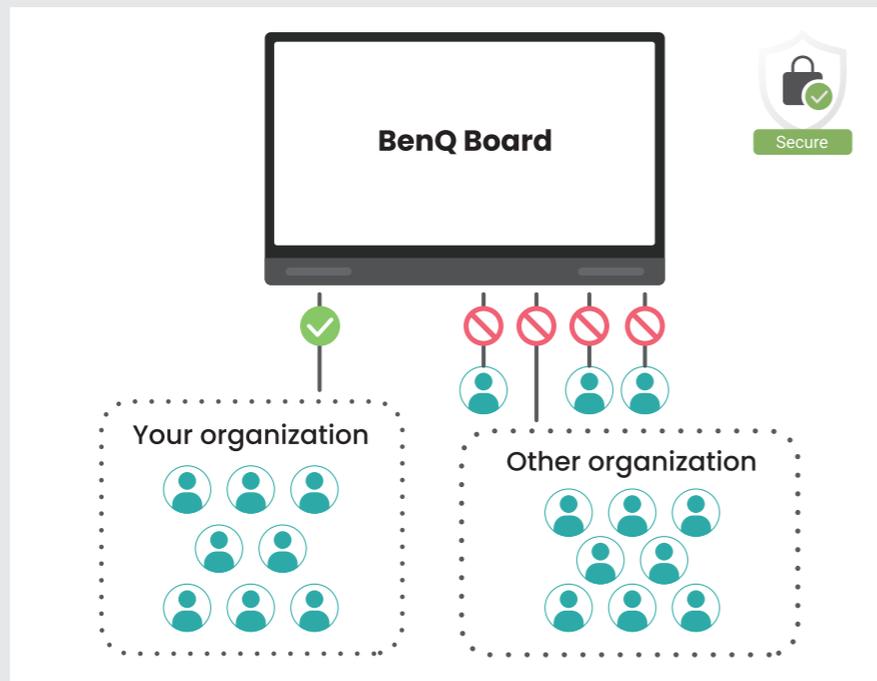
 User Role	  AMS IAM	 Will the user be able to link their cloud storage accounts?	 Is the user allowed to modify the board's settings?	 Will the user be able to access other user's local files and folders?
 Authenticated user	 Enabled		 Regular user settings	
 Restricted user	 Enabled		 Only basic settings	
 Administrator	 Enabled		 Full range of settings	 Only the administrator



Secure SSO

When you synchronize your user directory with our IAM service, only the users you authorize can access your BenQ Boards. This ensures that you have control over who uses your devices.

Other smart boards providers claim to offer SSO, but do not extend the same level of security to their customers. Anyone can simply create a user account on their cloud platforms, or on any of the linked directory services, and use those credentials for access. This leaves their boards exposed to unauthorized users.

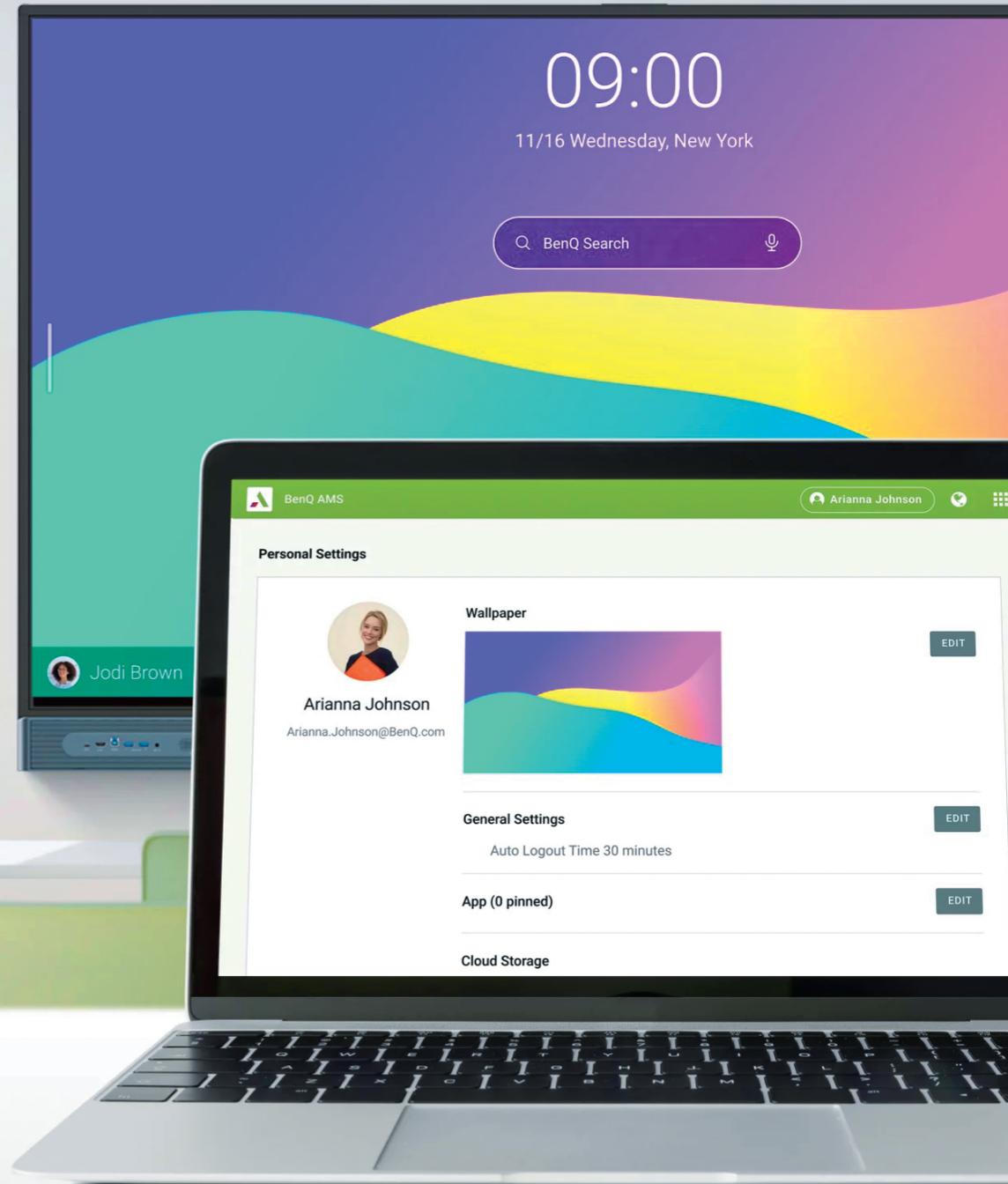




BenQ AMS

Account Management System

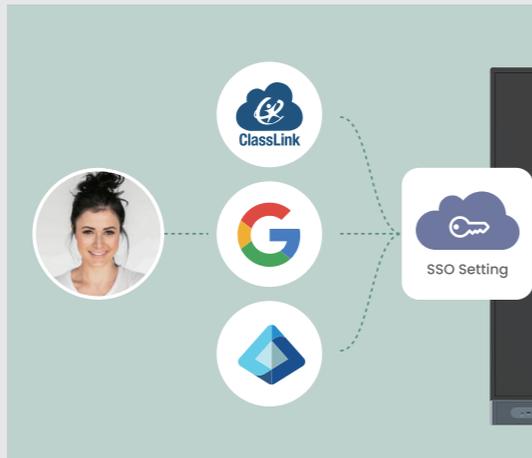
Personalize your BenQ Board and easily access your cloud storage.





Convenient login

With AMS enabled on your BenQ Boards, you can offer multiple convenient ways for users to log into their accounts.



SSO credentials

If you are using a directory service, your users can utilize SSO and log in to any BenQ Board with their organization credentials.



NFC card

If your boards have built-in NFC sensors, you can use AMS to bind each user account to an NFC card, which users can then use for one-tap login to their boards.



QR code

Users can scan the QR code on the BenQ Board to privately log in from their mobile device.



Link cloud storage

Your users can also utilize AMS to link their cloud storage, NAS, or your organization's Samba server, to their account, allowing them to access their cloud-based files after logging into any BenQ Board on your network.

AMS supports the following cloud storage platforms:



Google Drive



Microsoft OneDrive



Dropbox



Box Cloud Storage



Nextcloud

The screenshot displays the BenQ AMS user interface for a user named Arianna. The interface is organized into several sections:

- Management:** Includes User Management, NFC Management, and Equipment Management.
- Individual:** The 'Personal Settings' section is active, showing the user's profile (Arianna, Arianna@BenQ.com) and a colorful wallpaper.
- General Settings:** Shows the 'Idle session logout time' set to 1 hour(s) 0 minute(s).
- Apps (0 pinned):** No apps are currently pinned.
- Cloud Storage:** Lists five linked cloud storage services: Google Drive, Dropbox, OneDrive, Box, and Nextcloud. Each service has an 'UNLINK' button next to it.



Personalize user accounts

Users can make their workflows smoother by personalizing their workspace on the BenQ Board. Their customizations are synced to their AMS account and are applied to any BenQ Board they log into.

AMS syncs the following:

- Cloud storage
- Bookmarked websites
- App shortcuts
- Widgets
- Wallpaper



Comparison

For IT administrators	EDLA BenQ Boards	Other EDLA boards
Can you assign an administrator?	Yes.	No. Aside from the person setting up the boards, there is no real administrator who can manage them remotely or control user access through domain verification.
Can admins remotely set up multiple devices?	Yes.	No. They need to physically set up devices one by one.
Can admins remotely create user accounts?	Yes.	No. They need to go to each board and locally create an individual user account for each user.
Can admins sync their boards with their organization's existing account directory	Yes. IAM supports syncing with ClassLink, Microsoft Entra ID, Google Workspace, LDAP servers, or other SAML-based identity providers.	No. They have to create each user account manually.
Are admins the only ones who can centrally manage and delete user accounts?	Yes.	No. If the device owner role is not properly set up, anyone can create and delete accounts without restrictions.

Comparison

For users	EDLA BenQ Boards	Other EDLA boards
Can multiple users log into the same board?	Yes.	Yes.
Does the board support single sign-on?	Yes, BenQ Boards allow you to implement secure SSO by syncing with directory services such as Google Workspace, Microsoft Entra ID, ClassLink, LDAP servers, and other SAML-based services.	Some do, but their SSO mechanism is not secure, as their platforms can be easily abused. Anyone can create an account on their cloud platforms and use those credentials to access any of your boards.
When users log in, can the board load their personal settings (ex. wallpaper, apps, widgets, services)?	Yes.	No.
Can users link their cloud storage to their user account and easily access them on the board?	Yes, AMS automatically logs you into the user's cloud accounts (Google Drive, OneDrive, Dropbox, Box, Nextcloud, NAS).	Yes, but users will have to enter their credentials every time they use the board to access their cloud storage.
Does the board protect the user's private data (browsing history, logged in services, saved passwords, etc.)?	Yes.	Yes, but if you do not manually set up individual user accounts on each and every board, then all users will be able to see each other's information.

Guaranteed data privacy

BenQ IT management services are compliant with some of the world's strictest data privacy standards, ensuring that your organization's data remains confidential and secure.



General Data Protection Regulation (GDPR)



General Data Protection Regulation - Kids (GDPR-K)



California Consumer Privacy Act (CCPA)



App Defense Alliance (ADA)



Product Security and Telecommunications Infrastructure (PSTI) Act



Children's Online Privacy Protection (COPPA) Rule

Ethical data collection and usage

All customer data that go through our IT management platforms are only used for the purposes agreed upon by BenQ and our customers. We do not sell or unlawfully share customer data to third parties.

Secure platforms and protocols

Our cloud-based management platforms, which are verified secure by reputable third-party auditors, utilize industry standard security protocols for communication and authorization.

Get started with BenQ

Ask for a demo

Contact us for a live demo of our IT management solutions. We can answer your questions and help find a solution that matches your needs.



Visit our site

Find more resources related to DMS, IAM, and AMS on our website.



Business



Education



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