



DMS | IAM | AMS

Cloud-based Management

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



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 personalisation** and **cloud storage syncing**.



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

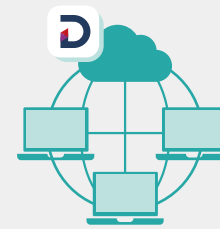
Management made easy

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.



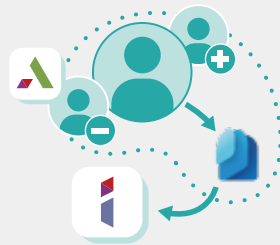
All your boards

Easily onboard and organise 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.



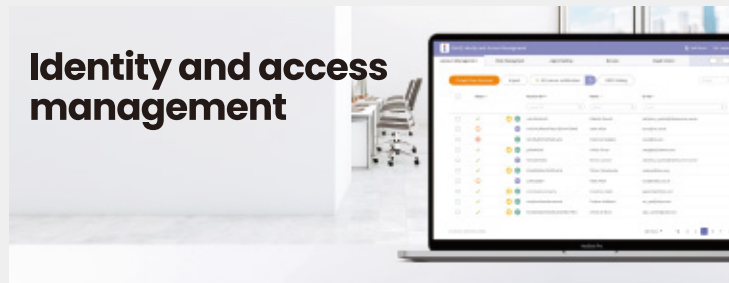
All at once

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

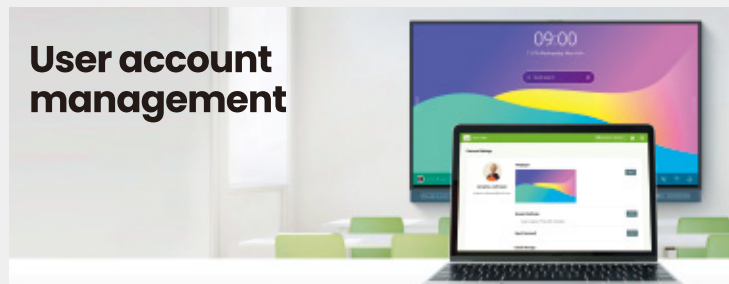
BenQ has all your bases covered



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



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



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



BenQ DMS

Device Management Solution

Centrally manage all your
BenQ devices on a single dashboard.



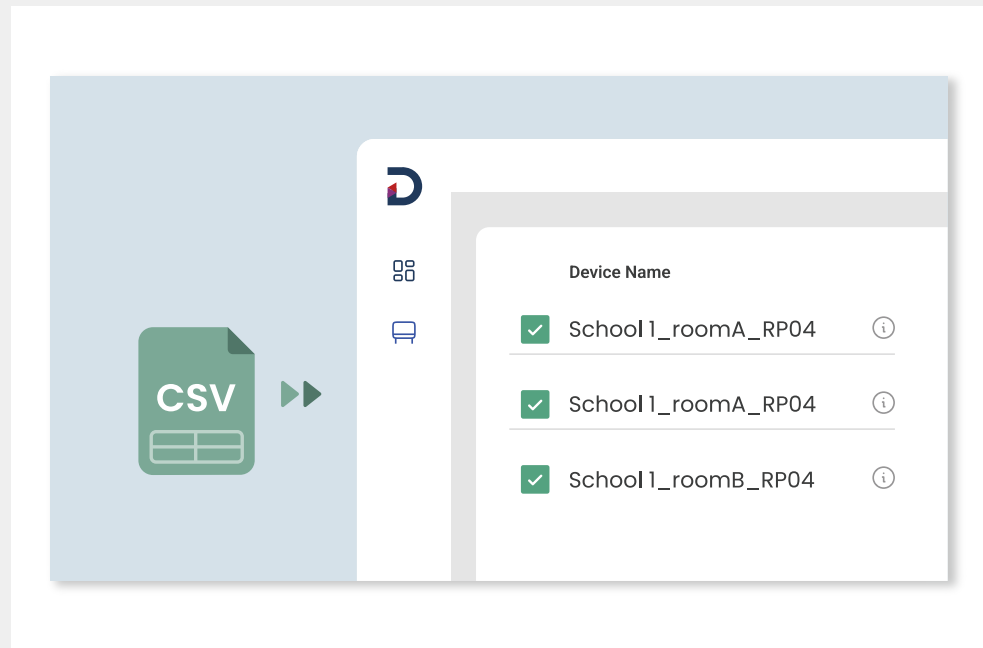


Quickly onboard new devices

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

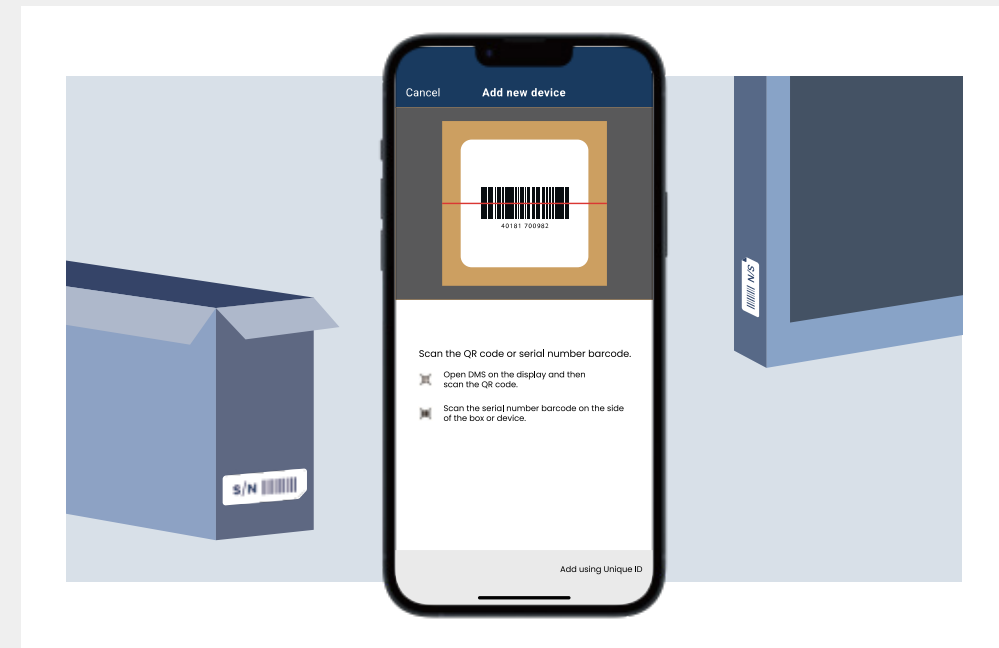
Onboard by batch

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



Scan to onboard

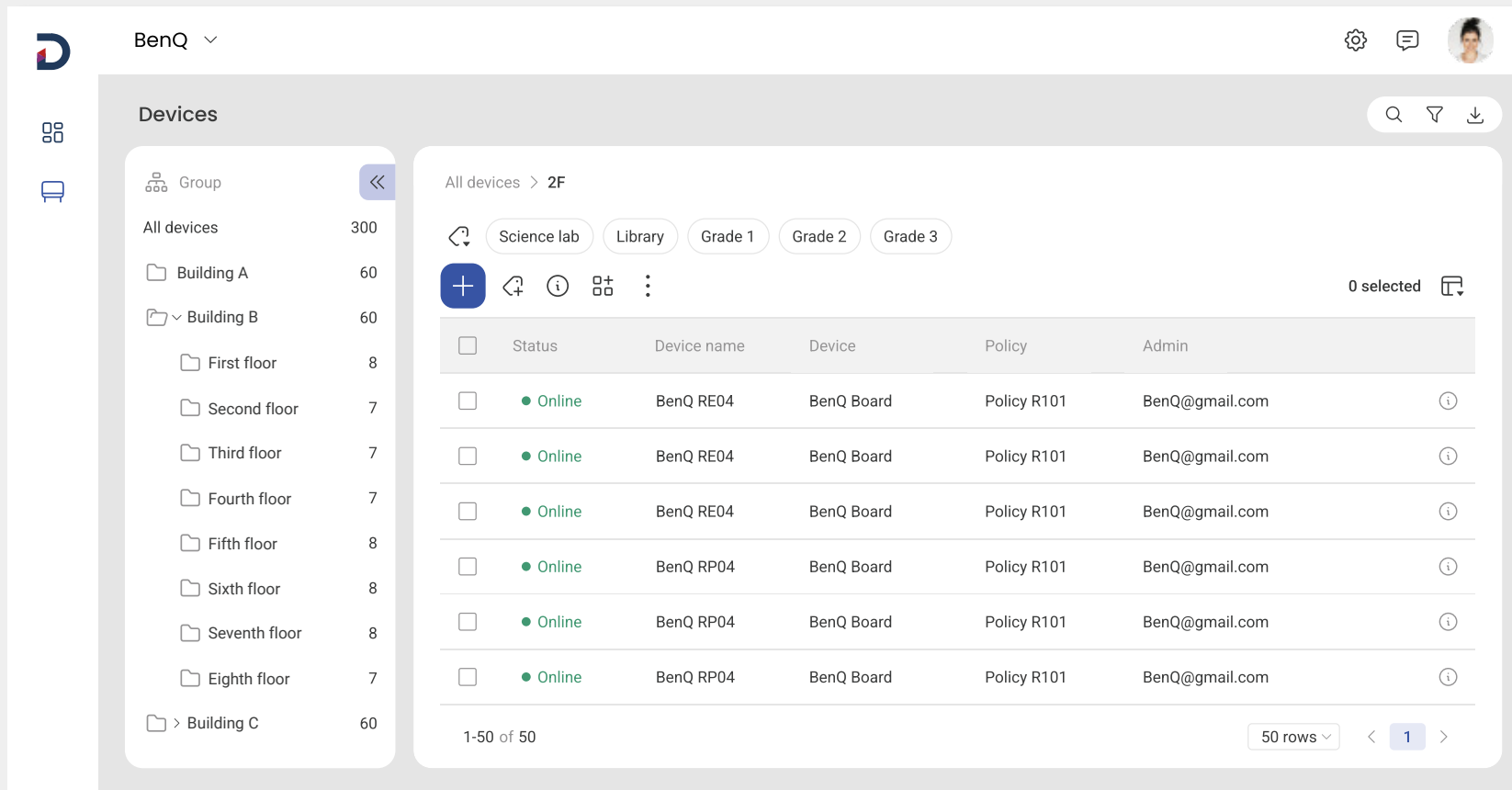
Use the DMS app to scan the board serial number barcode, and then enter a device name.



*DMS also supports QR code enrollment.

Organise your devices

Groups and tags allow you to categorise 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 RE04	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
● Online	BenQ RP04	BenQ Board	Policy R101	BenQ@gmail.com

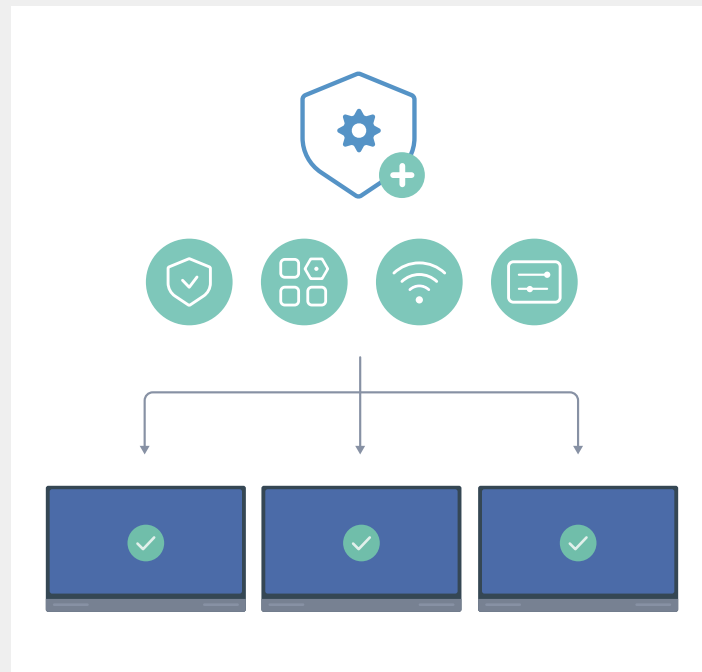
1-50 of 50

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 [Edit](#)

Policy Name Policy R101 [Deploy](#)

Description

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

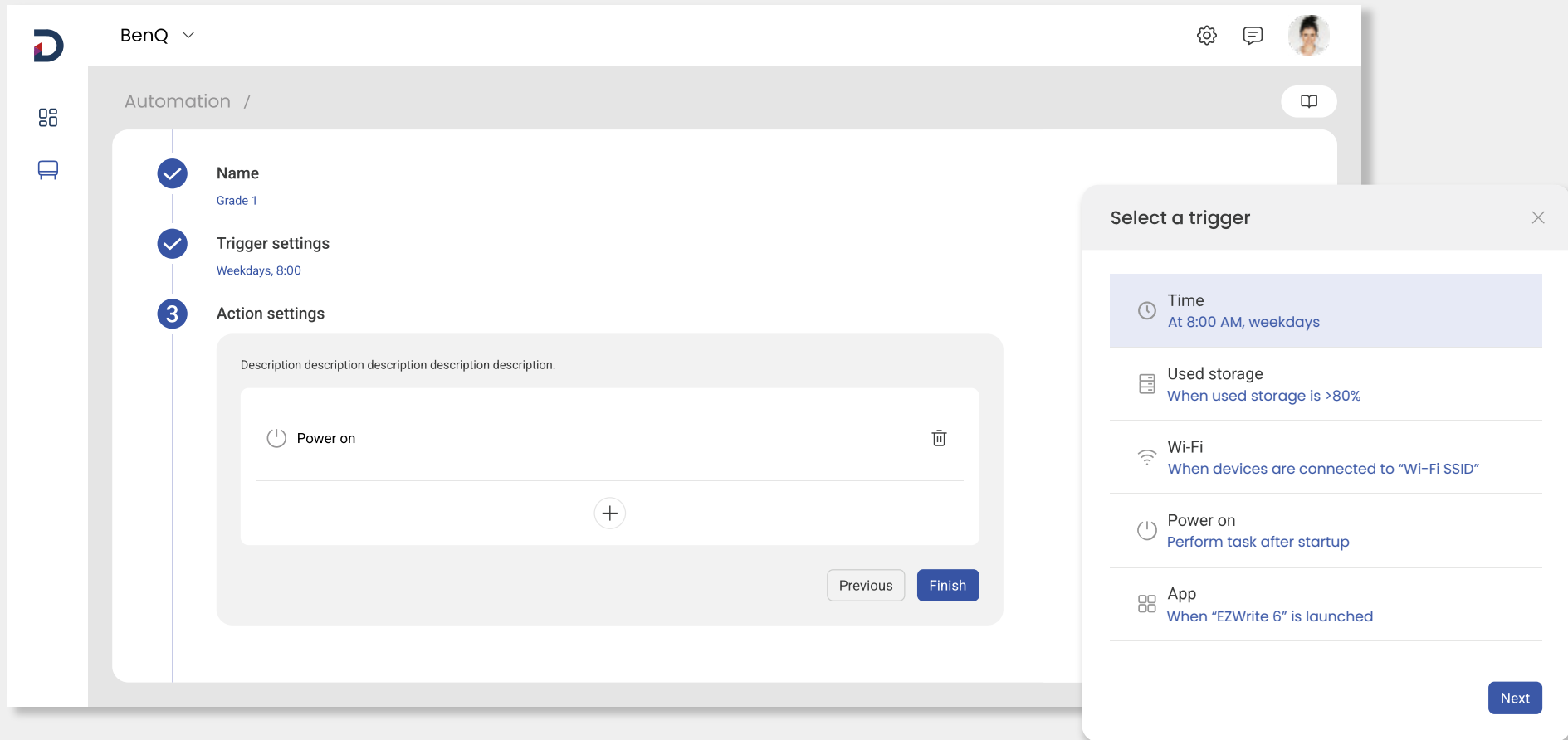
Block apps

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. One action, "Power on", is selected. A "Select a trigger" dialog is open, listing various triggers: 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), and App (When "EZWrite 6" is launched). The "Next" button is visible at the bottom right of the dialog.

Automation /

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

Power on

Previous Finish

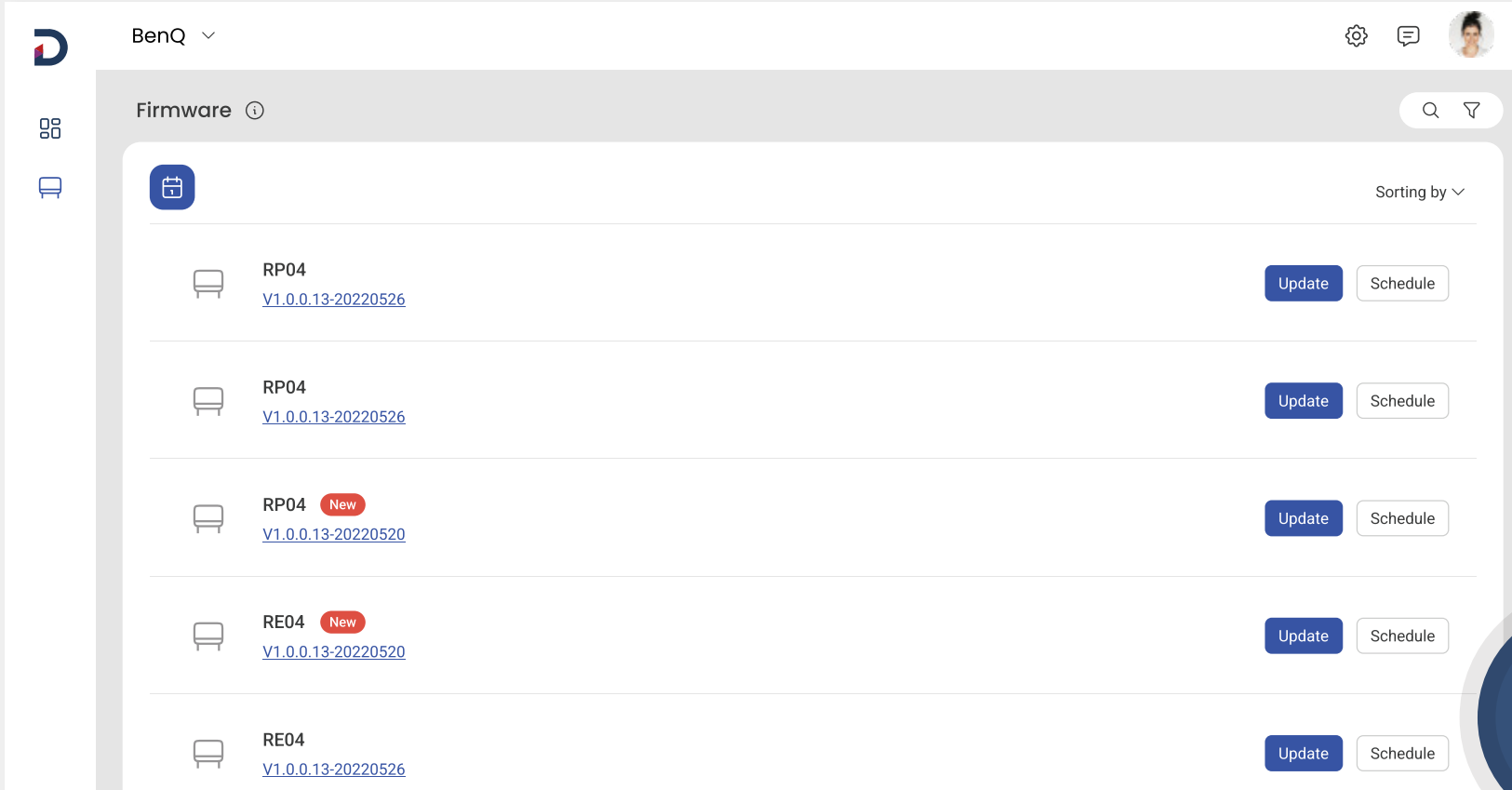
Select a trigger

- 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.



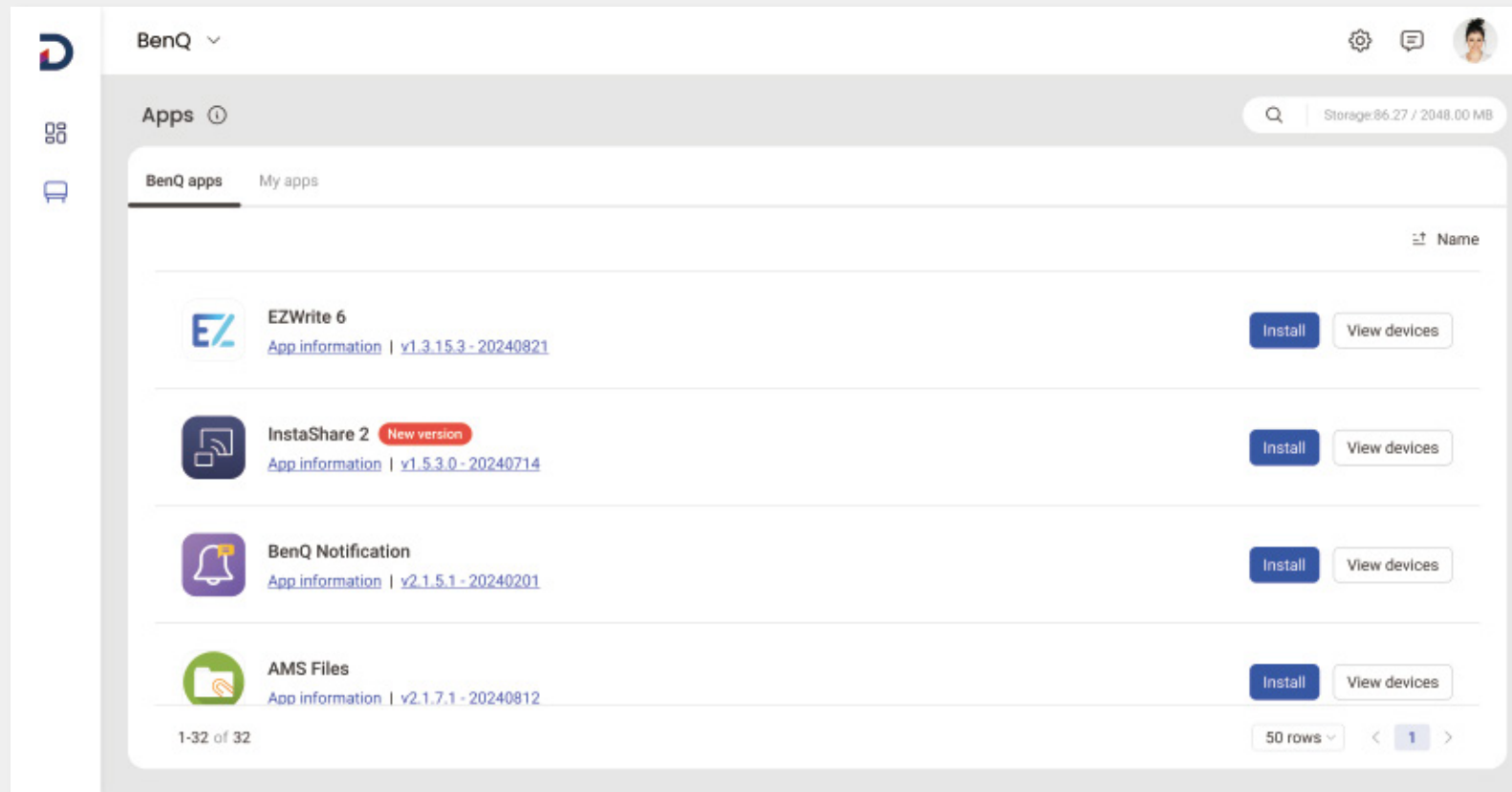
The screenshot shows the 'Firmware' management page in the DMS interface for BenQ devices. The page includes a search bar, a 'Sorting by' dropdown, and a list of five devices with their respective firmware versions and update options.

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



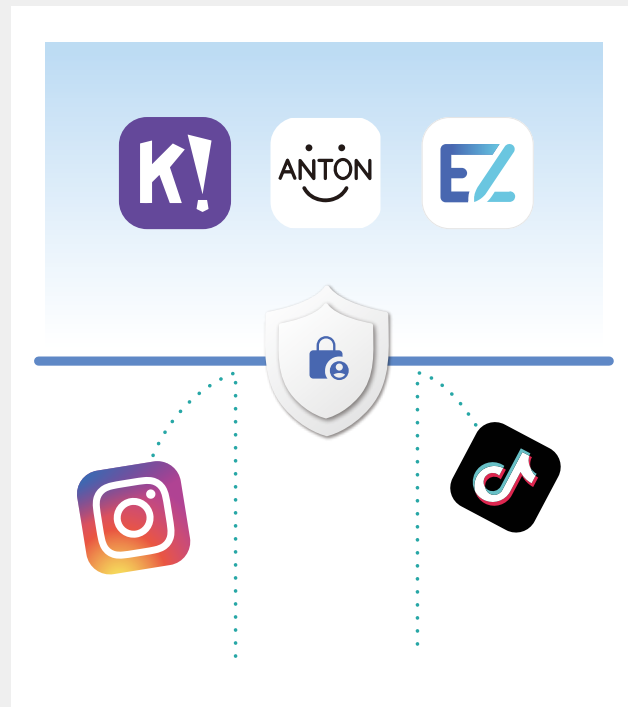
The screenshot displays the 'Apps' management interface within the DMS system, specifically for BenQ devices. The interface is organized into a sidebar on the left with navigation icons, a main content area, and a top navigation bar. The top bar shows 'BenQ' with a dropdown arrow, a search icon, a chat icon, and a user profile icon. The main content area is titled 'Apps' and includes a search bar and a storage indicator 'Storage: 86.27 / 2048.00 MB'. Below this, there are two tabs: 'BenQ apps' (selected) and 'My apps'. A list of four applications is shown, each with an icon, name, version information, and two action buttons: 'Install' and 'View devices'. The applications listed are EZWrite 6, InstaShare 2 (marked as 'New version'), BenQ Notification, and AMS Files. At the bottom of the list, there is a pagination indicator '1-32 of 32' and a dropdown menu set to '50 rows'.

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



Block apps and Google Play

Other EDLA boards allow anyone with a Google Workspace or Google account to log into Google Play and download unauthorised 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.

A screenshot of the DMS web interface showing the configuration for a 'Block Apps' policy on a BenQ device. The interface is divided into several sections:

- Settings**: Shows 'Device 123' and a 'Deploy' button.
- Information**: Displays 'Policy Name: Block Apps' and a 'Description' field.
- Launcher settings**: 'Keep device settings'.
- Security settings**: 'Editing...'
- Update**: 'Keep device settings'.
- Advanced**: A collapsed section containing:
 - Network**: 'Keep device settings'.
 - Display**: 'Keep device settings'.
- Security settings (right panel)**:
 - Insert certificates**: A list containing 'curl-ca-bundle.crt' with a plus sign to add and a minus sign to remove.
 - Block apps**: A toggle switch that is currently turned on.
 - Block list**: A list of blocked apps, including 'Facebook' and 'Instagram', each with a plus sign to add and a minus sign to remove.



Optimise 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 optimise 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
Online	BenQ RE04	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
Online	BenQ RP04	BenQ Board	Policy R101	BenQ@gmail.com

The detailed view for 'BenQ RM04' (latest update: 2024-09-19 10:21) shows the following performance metrics:

- Version:** V3.0.1 (Check update)
- Memory and CPU:**
 - Memory: 0.98 / 8GB
 - CPU: 24% (Optimize)

View details >



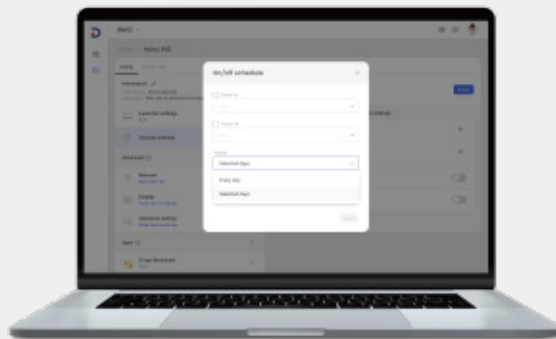
Regulate energy consumption

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



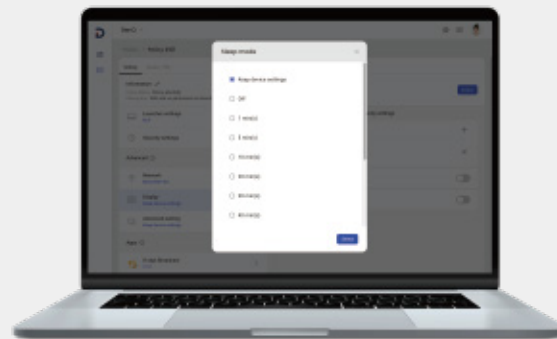
Set a power schedule

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



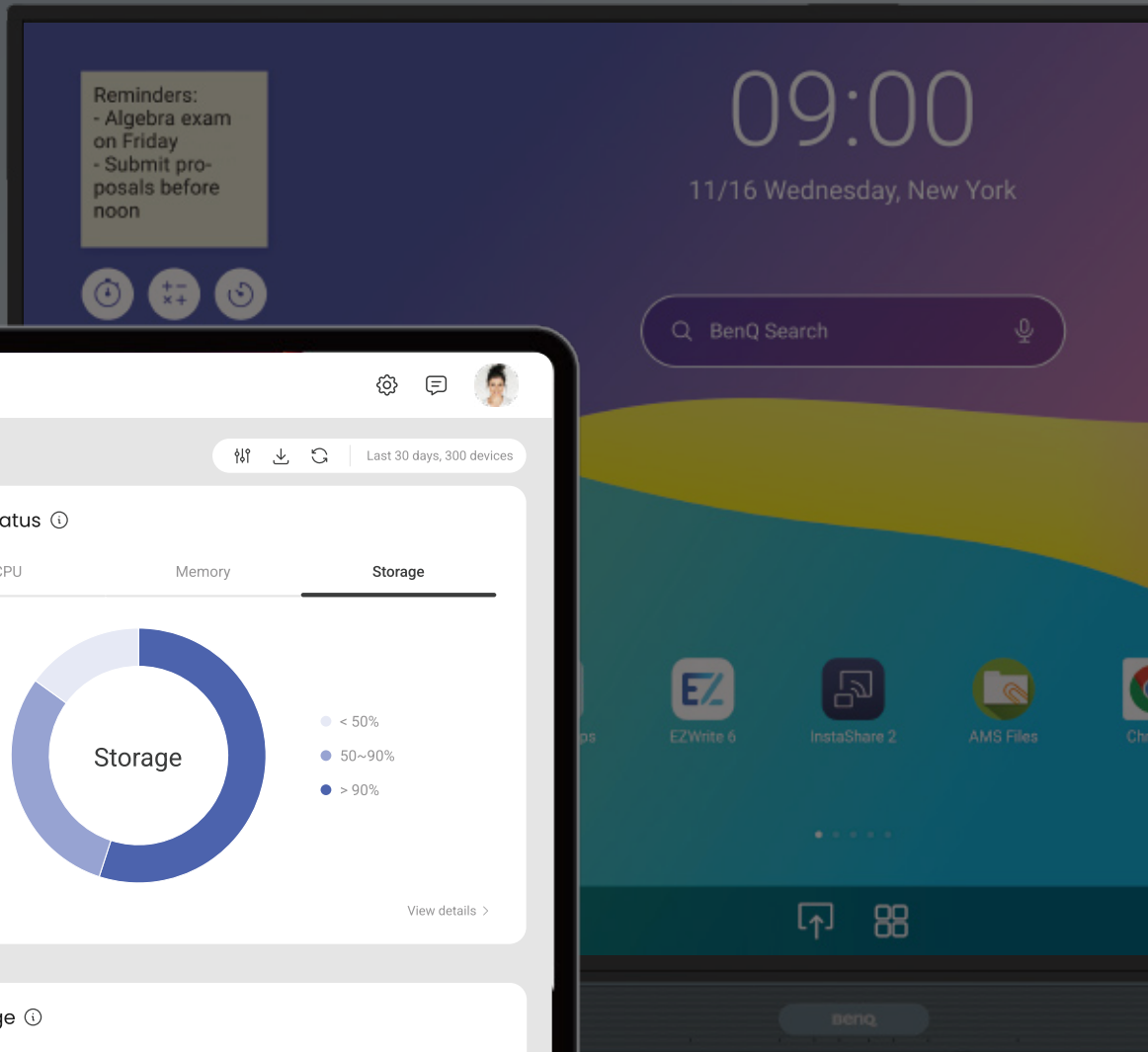
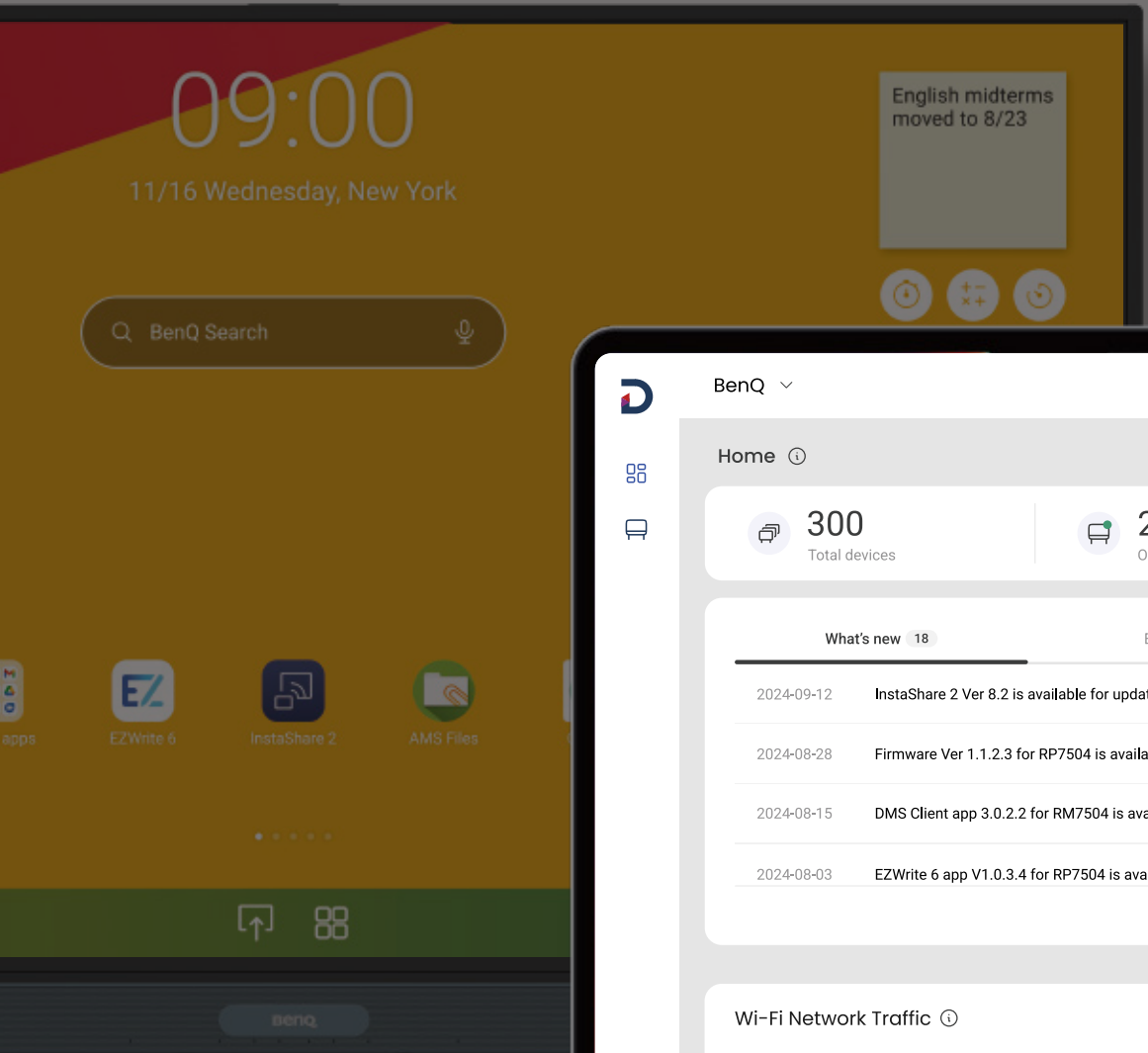
Power

- 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



BenQ ⌵ ⚙️ 💬 👤

Home ⓘ 🏠 ⬇️ 🔄 Last 30 days, 300 devices

300
Total devices

279
Online devices

Device Status ⓘ

CPU Memory **Storage**

Storage

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

[View details >](#)

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 >](#)

Wi-Fi Network Traffic ⓘ

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

App usage ⓘ

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



BenQ IAM

Identity and Access Management

Reduce IT staff workload with centralised 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

Status	Account ID	Name	E-mail
✓	meLdIAmEmS	Mabelle Garrett	adolphus_spinka@oberbrunner.name
⚠	AnCHALfRoNATHeLvEGIANtOMO	Hallie Allen	luusa@ne.co.uk
✗	OmoRyESTAtIMaNLatIvI	Florence Rodgers	rowid@te.edu
✓	glDeWOnO	Jeffery Cross	esegifga@sobwo.com
✓	NcTopEckIOs	Elnora Lawson	adolphus_spinka@oberbrunner.name
✓	KinatEDuBreTaXIBLeINe	Tikhon Yaroslavsky	wejowe@kiwo.org
⚠	cUTEIpbEN	Hallie Allen	viza@bufduv.co.uk
✓	enturboatersumverw	Amachea Jajah	gapekabij@tolna.net
✓	omirphonthambersousit	Trashae Hubbard	se_qua@whpa.net
✓	KinatEDuBreTaXIBLeINeNECTRO	Veerle de Bree	deju_veerle@jindit.com

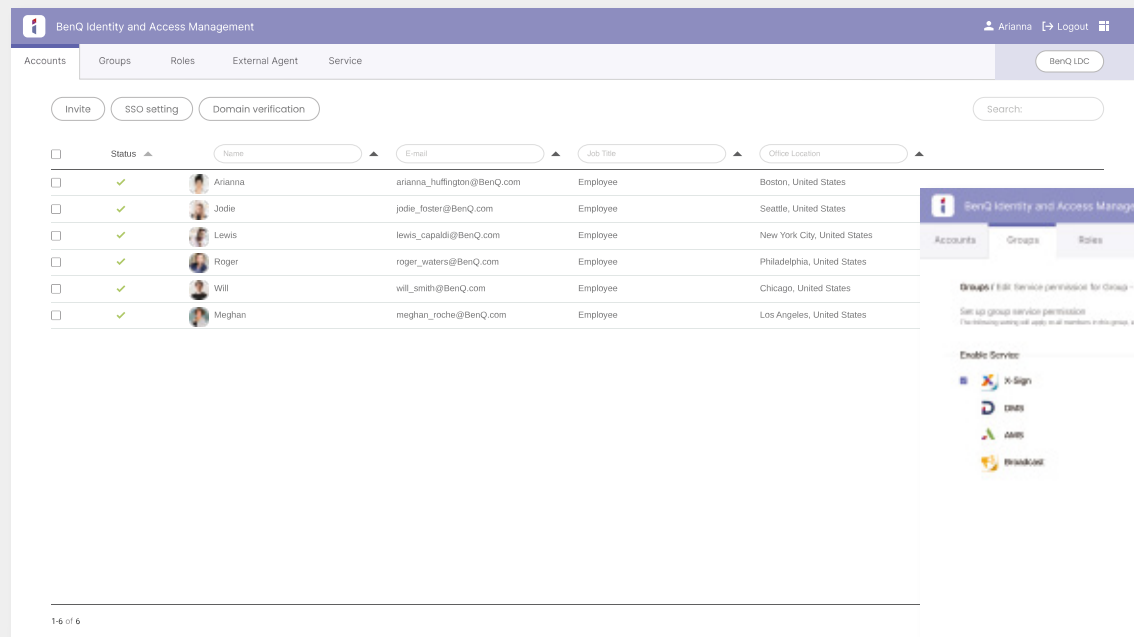
51-100 of 1,200 (Total 3,000) | 100 rows | 3 4 5 6

MacBook Pro



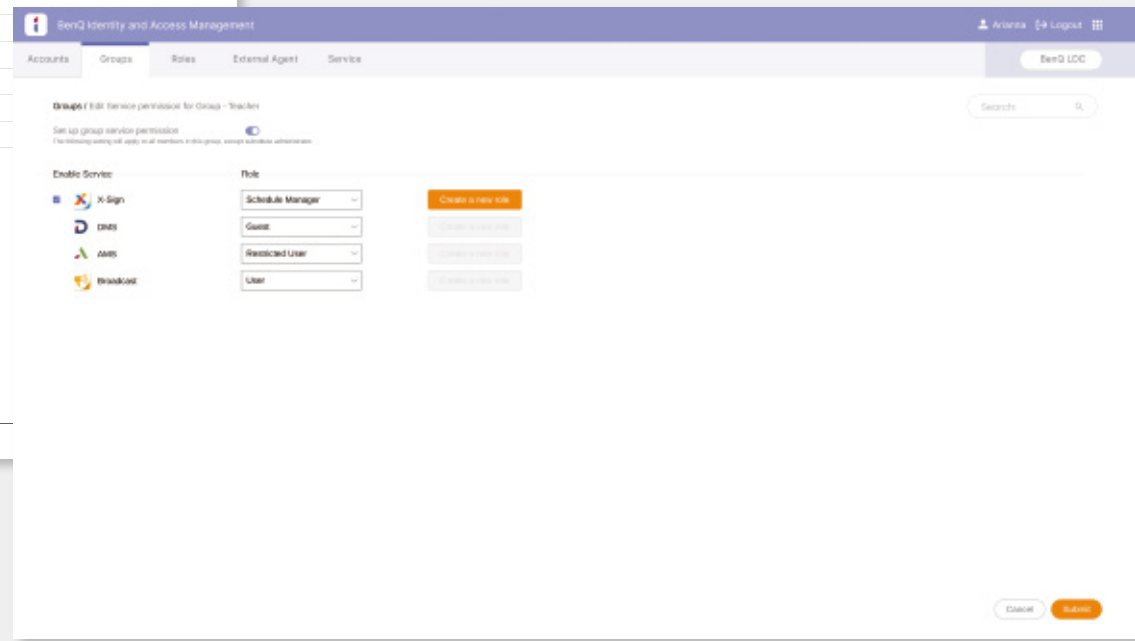
Create and manage accounts

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.



The screenshot shows the 'Accounts' page in the BenQ Identity and Access Management console. The page has a navigation bar with 'Accounts', 'Groups', 'Roles', 'External Agent', and 'Service'. Below the navigation bar, there are tabs for 'Invite', 'SSO setting', and 'Domain verification'. A search bar is located on the right. The main content area displays a table of user accounts with columns for Status, Name, E-mail, Job Title, and Office Location. The table contains six rows of user data.

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



The screenshot shows the 'Roles' page in the BenQ Identity and Access Management console. The page has a navigation bar with 'Accounts', 'Groups', 'Roles', 'External Agent', and 'Service'. Below the navigation bar, there are tabs for 'Groups', 'Roles', 'External Agent', and 'Service'. A search bar is located on the right. The main content area displays a form for creating a new role. The form has two columns: 'Enable Service' and 'Role'. The 'Enable Service' column has four rows with checkboxes and service names: 'X-Sign', 'DMZ', 'AMS', and 'Breakout'. The 'Role' column has three rows with dropdown menus and role names: 'Schedule Manager', 'Guest', 'Restricted User', and 'User'. There are 'Create a new role' buttons next to each row. At the bottom right, there are 'Cancel' and 'Submit' buttons.



Synchronise user lists

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

IAM syncs with the following directory services:



Google Workspace



Microsoft Entra ID



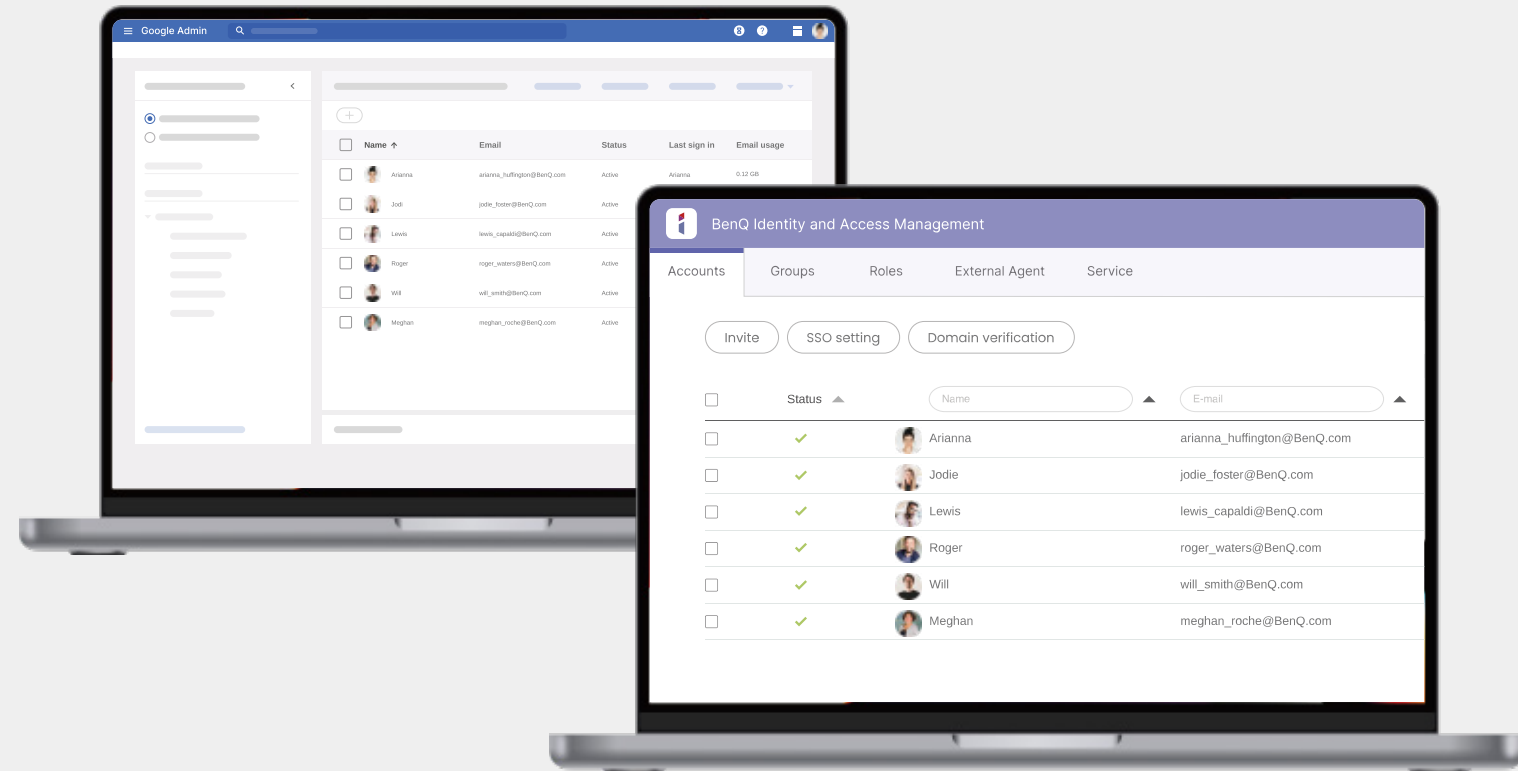
ClassLink



LDAP servers
























Other SAML-based services





Prevent unauthorised 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.

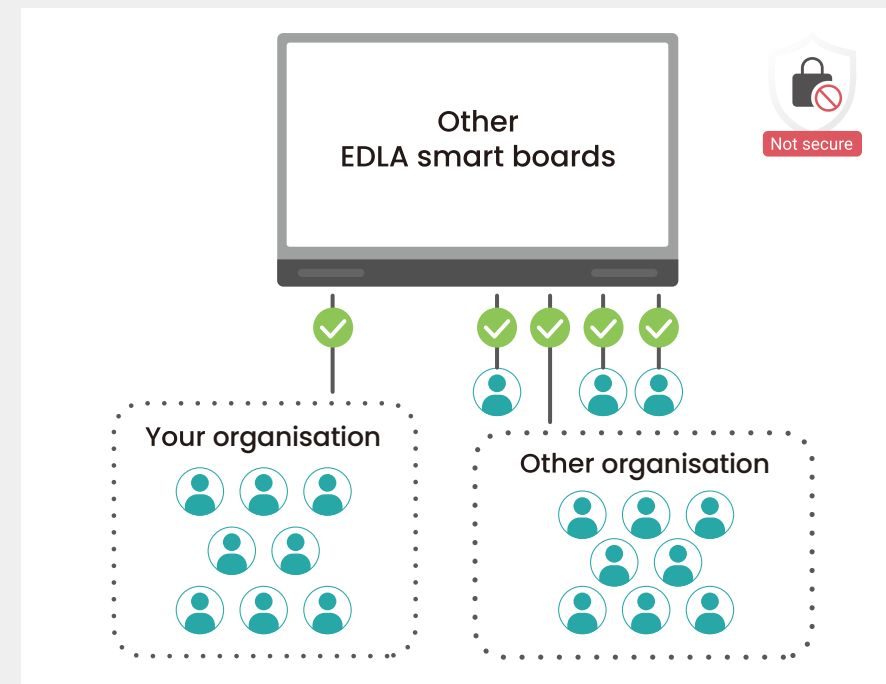
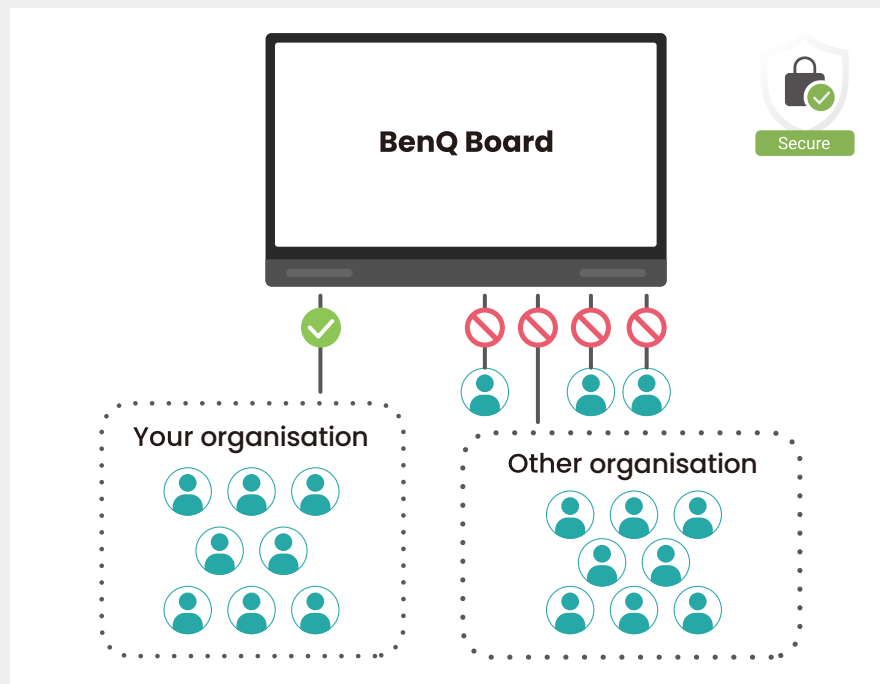
 User Role	  AMS IAM	 Will the user be able to link their cloud storage accounts?	 Is the user allowed to modify the board's settings?	 Will the user be able to access other user's local files and folders?
 Authenticated user	 Enabled		 Regular user settings	
 Restricted user	 Enabled		 Only basic settings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



Secure SSO

When you synchronise your user directory with our IAM service, only the users you authorise 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 unauthorised users.

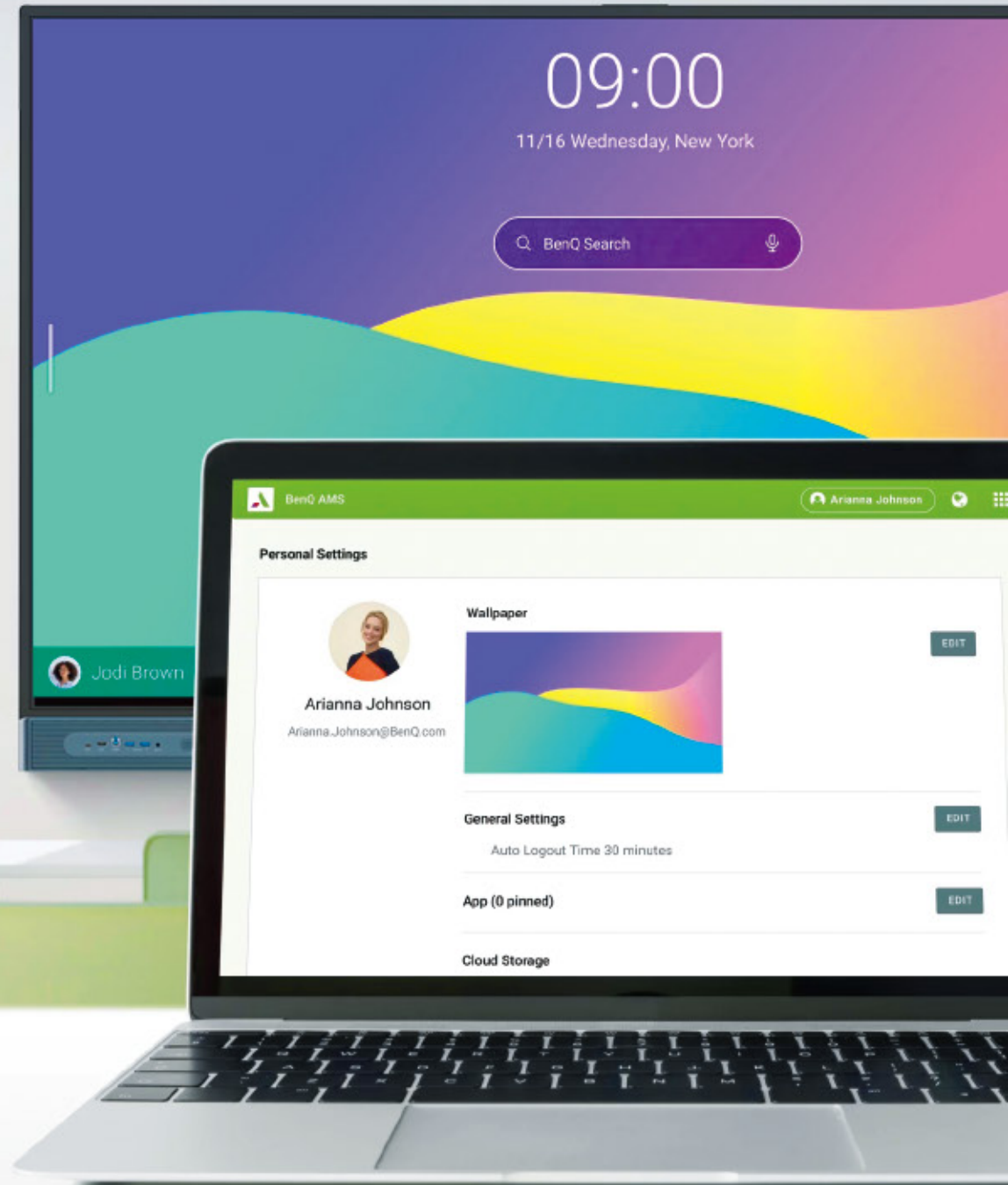




BenQ AMS

Account Management System

Personalise 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 utilise SSO and log in to any BenQ Board with their organisation 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 utilise AMS to link their cloud storage, NAS, or your organisation'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 interface for user Arianna. The left sidebar shows navigation options: BenQ LDC, Management (User Management, NFC Management, Equipment Management), and Individual (Personal Settings). The main content area shows the user's profile (Arianna, Arianna@BenQ.com), a wallpaper, and various settings sections: General Settings (Idle session logout time: 1 hour(s) 0 minute(s)), Apps (0 pinned), and Cloud Storage. The Cloud Storage section lists five linked services: Google Drive, Dropbox, OneDrive, Box, and Nextcloud, each with an UNLINK button.



Personalise user accounts

Users can make their workflows smoother by personalising their workspace on the BenQ Board. Their customisations 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 organisation's existing account directory service?	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 organisation'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, utilise industry standard security protocols for communication and authorisation.

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.

[Get in touch](#)

Visit our site

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

[Business](#)

[Education](#)



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