



AMS

User Manual

For Projector Management

V1.00

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This user manual aims to provide the most updated and accurate information to customers, and thus all contents may be modified from time to time without prior notice. Please visit <http://business-display.benq.com/> for the latest version of this manual.

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Introduction



- NFC function is not available on projectors.
- Images in this document are for reference only. Available functions and menu options vary by the connected device.

Account Management System (AMS): Instantly Access and Manage Personal Data from Any IFP / Projector

To make it more convenient for users to access and manage their files and personal device environment, BenQ releases Account Management System (AMS) to make it easier for users to access and manage files as well as accounts. Additionally, AMS also guarantees a more effortless way for IT personnel to manage accounts, improving the efficiency and convenience of managing accounts on BenQ's IFPs / Projectors (shortened as “devices” in this document) to a whole new level.

Personalized User Environment and Instant Access to Cloud Storage through AMS

• Personalized Workspace Environment

As IFPs / Projectors are generally considered to be public devices that store data from many users, the data is often unorganized and difficult to locate. There is no solution to customize each user's environment and filter out their data. AMS provides customized workspace environments, private local storage space, and personalized settings for user's convenience. Users can access their personalized workspace environment and settings on any device that they have logged into, and the process could be further accelerated with BenQ designed NFC cards.

• Auto Login to Cloud Storage Accounts

Data on Android devices can be difficult for novice users to locate and bring with them. Cloud storage is the solution that fits this need, but logging into a cloud account with sensitive login credentials can be a risky behavior. AMS strengthens the level of security and gets rid of the complexity of entering passwords when users try to access their cloud storage accounts. With BenQ AMS, users only have to log into their cloud storage accounts once at setup / account creation, and they can then start accessing data without having to login ever again on the IFP / Projector. AMS automatically sets permissions for personal and network folders, providing another way for users to easily find and organize their data. AMS makes accessing various storage spaces more secure and easily accessible.

Efficient Account Management and Simplified Setup for ITS

• Efficient Account Management

Traditionally, it is extremely time consuming to manage large amounts of user accounts for corporate IT managers. AMS provides a clear and intuitive user interface for IT managers to import and manage multiple user accounts.

• One Step NFC Card Setting (IFP only)

Connecting personal accounts to ID cards through traditional management software is a complicated process to implement. AMS eliminates the complicated process of setup and encryption and can link an account to an ID card through one simple step.

- Hassle-free Account Binding with AMS

Traditional ways to match devices with data management systems are complicated and have limitations. AMS can simply bind devices seconds after the devices are connected to the network.

AMS Web Management



Images in this document are for reference only. The application interface may subject to change without prior notice.

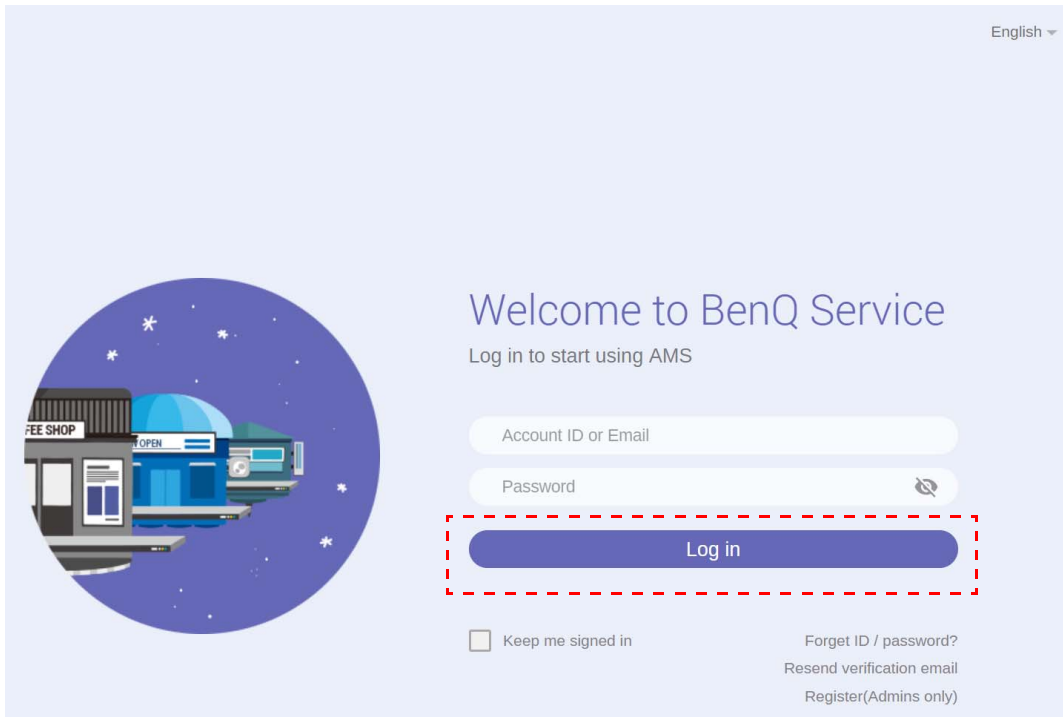
Supported models

Product	Models
Projector	EX800ST, EW800ST
IFP	RP654K, RP704K, RP750K, RP860K, RP6501K, RP7501K, RP8601K

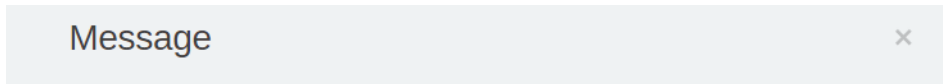
Registering a new account

You must have a valid account to access BenQ AMS.

1. Go to BenQ Service website: <https://ams.benq.com>. Suggested browsers are Chrome, Firefox.
2. If you are an administrator, click **Register** to register an Administrator account for the company. If you are a regular user, ask your company's administrator to create a user account for you. After you receive the account, click **Log in** directly after verifying your email.



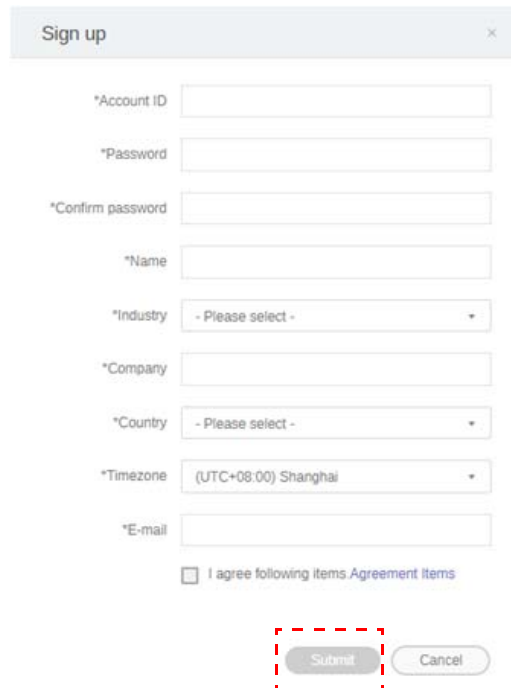
3. After you click **Register**, you will see the following message. As an administrator, click **Continue**.



Notice: If you are an administrator in your company, press "Continue" to sign up an "Administrator Account" for your company. If not, please ask your company's administrator to create a user account for you and login in directly after verifying your email.



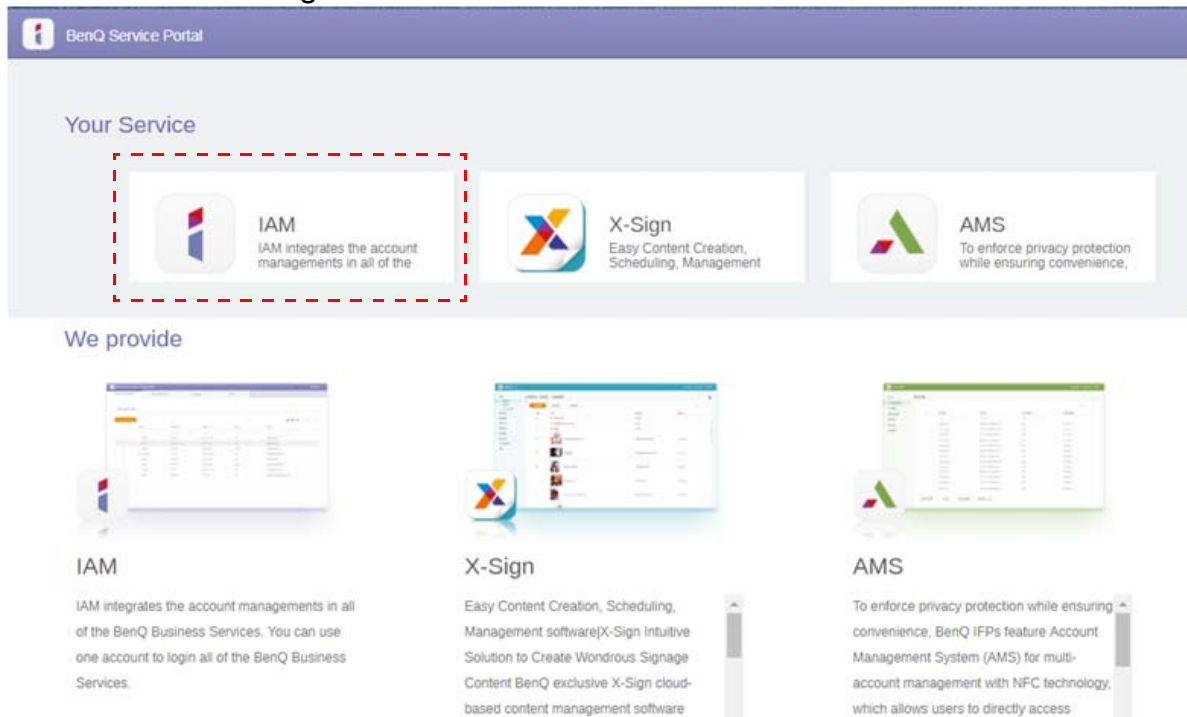
4. Fill in the following fields and click **Submit** to create a new Administrator account.



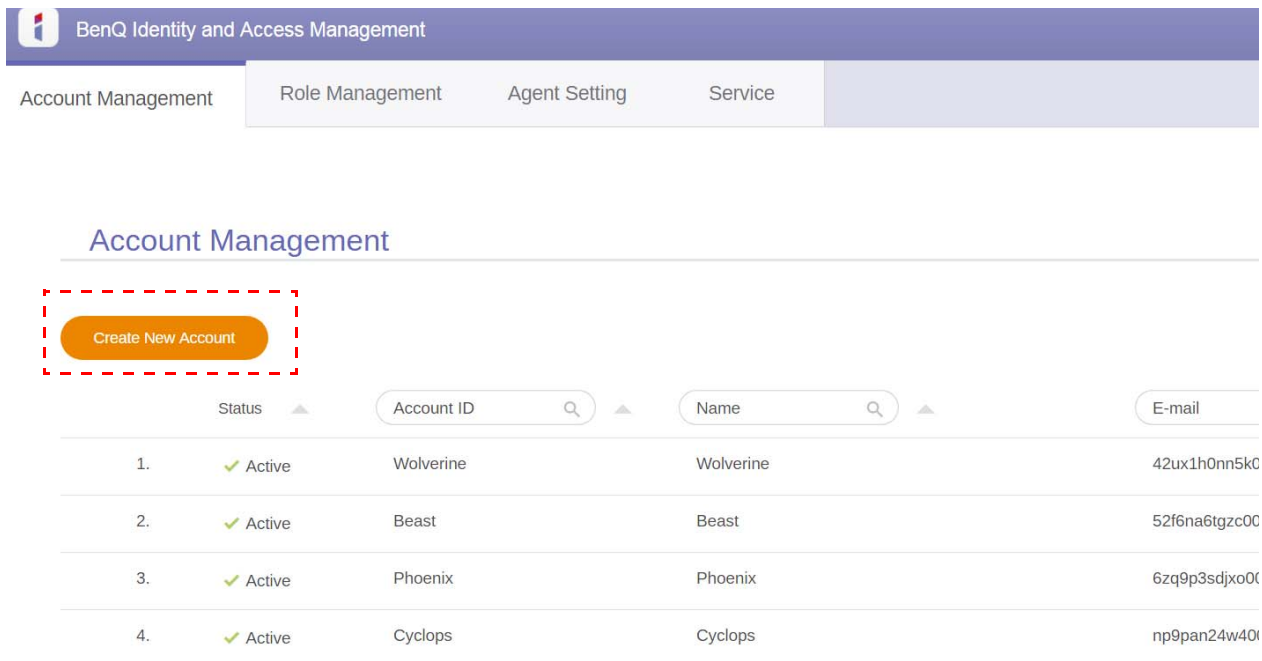
- For the account ID, enter a value between 4 and 20 characters long. Only numbers (0-9), upper and lowercase alphabets (A-Z, a-z), and the following special characters (-)(.)(_) are allowed in the account ID and name.
- The password must be a combination of alphanumeric and must be between 6-12 characters. Passwords like “2945678” (all numbers), “eduabsc” (all alphabets), “12ab” (less than 6 characters), and “12abcd345678efg” (more than 12 characters) are unacceptable.
- Uppercase and lowercase letters don’t need to be typed the same way every time you key in the password.

Creating a new account

1. As the administrator, log in and choose **IAM**.



2. Click **Create New Account** to continue.



- Fill in the following fields and click **Submit** to create a new account. There are two roles to choose from: coordinator or user. For more information about the differences between coordinator and user, see [Management Authority on page 16](#).

BenQ Identity and Access Management

Account Management Role Management Agent Setting Service

Create New Account

Account ID
REMIND: Please do NOT using your personal data to fill the account name. It may increase the risk to reveal you privacy.

Password

Confirm Password

Name

E-mail

Company Taiwan

Country/Area United States

Timezone (UTC+08:00) Taipei

Note within 150 characters

Service Setting

Enable Service

X-Sign

AMS

Role

channel_manager

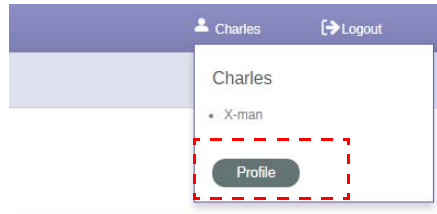
coordinator

coordinator

user

Editing your profile

- You can edit your profile by clicking the head icon with your name in the upper right corner. Click **Profile** to continue.



- You can change your profile or password by click **Change profile** or **Change password**.

Profile

Account: Professor-X

Name: Charles

Email: 6sag2toxix0000000000@yopmail.com

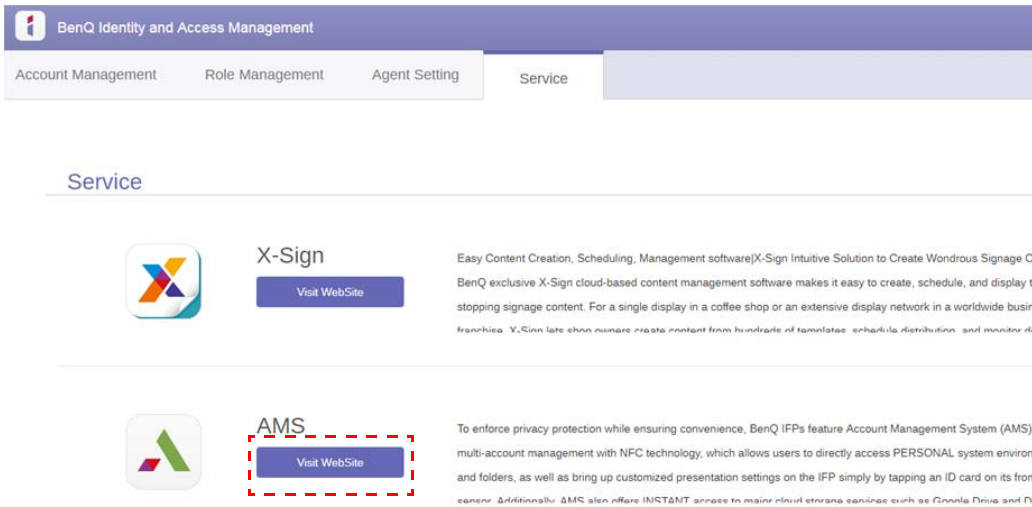
Company: X-man

Country: United States

Timezone: US/Eastern

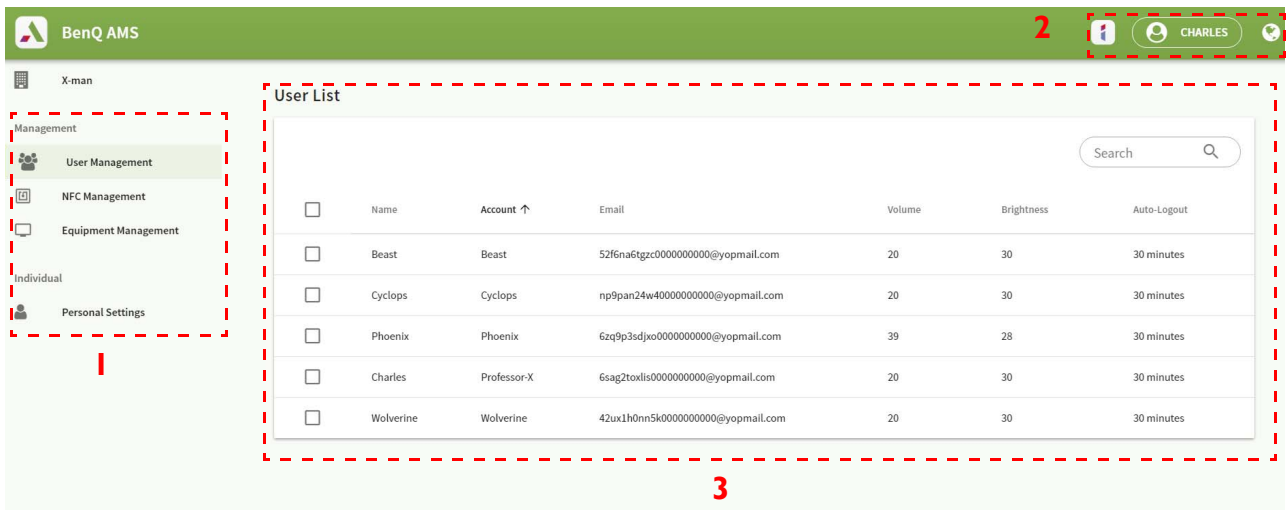
Managing BenQ AMS

Click **Service** to have access to BenQ AMS.



AMS service overview

While logging in, you will see three main parts, as described in the table below:

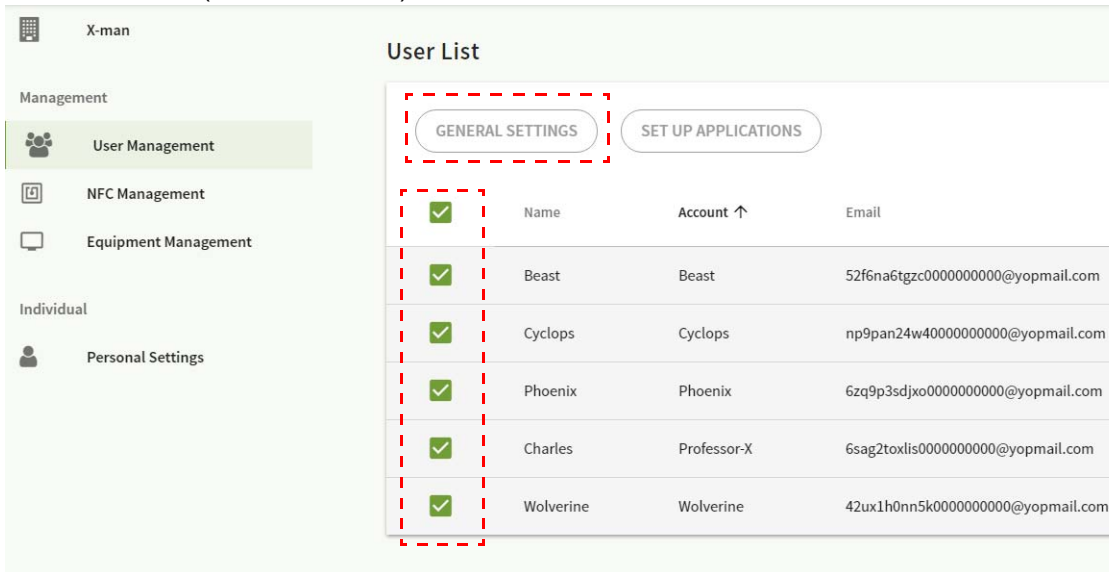


Item	Description
1. Function Tab	You can switch the functions here.
2. Account Information	You can see the account's information and change languages in this area.
3. Operating Tab	You can see the corresponding content while switching the functions on the function tabs.

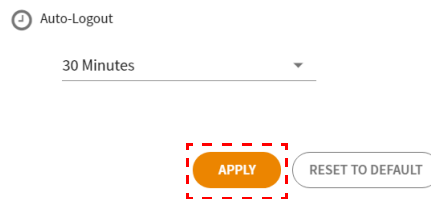
User Management

You can adjust general settings and select applications for the desktop beforehand.

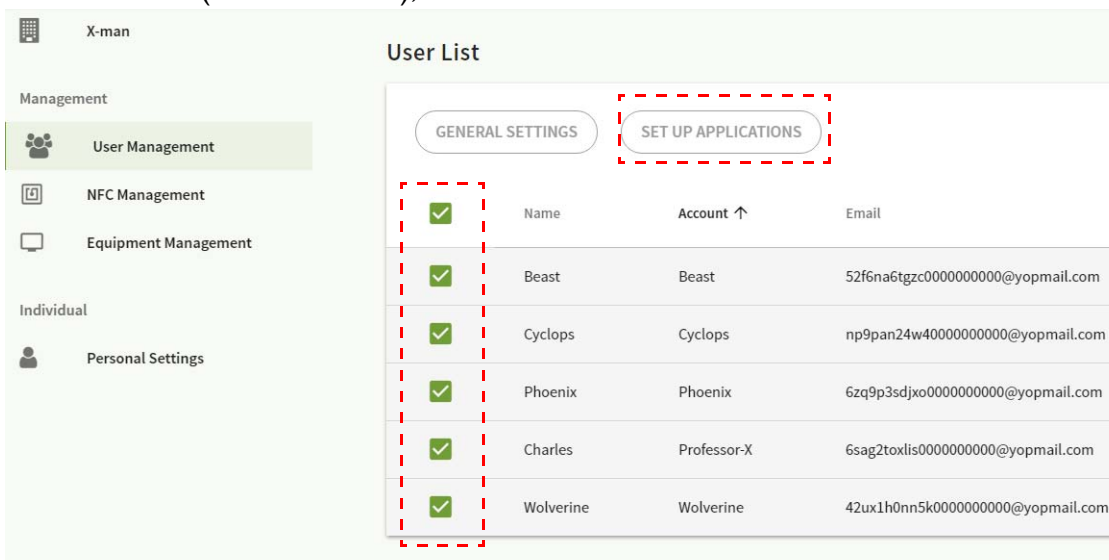
1. Select the account (or all accounts), then click **GENERAL SETTINGS**.



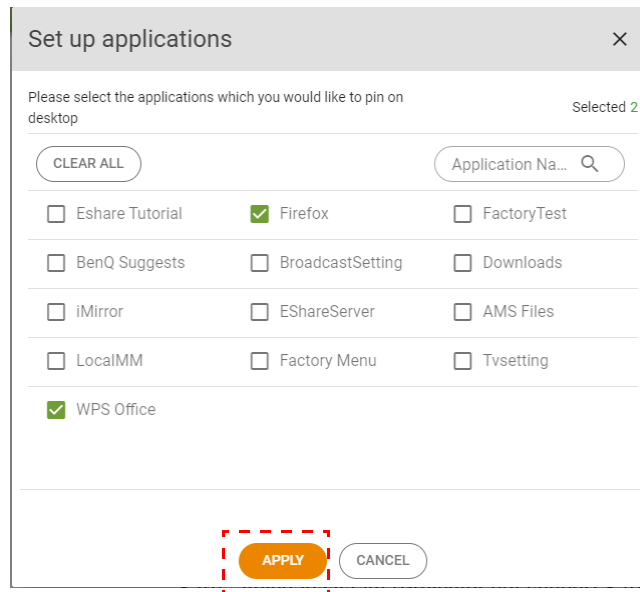
2. You can adjust Auto-Logout. Click **Apply** to continue.



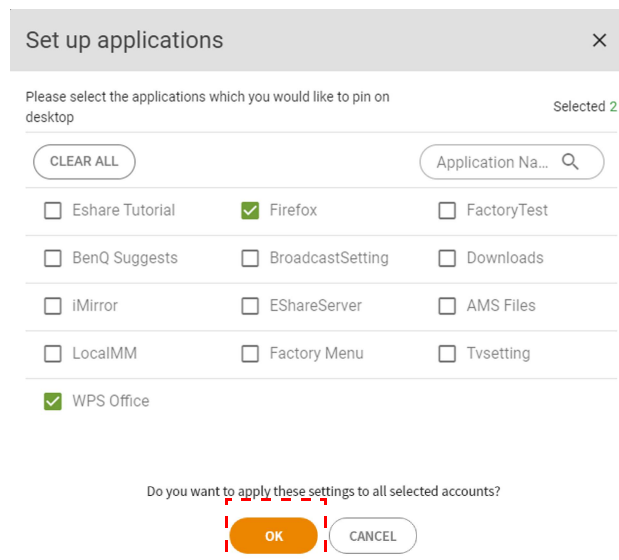
3. Click **OK** to apply the settings to the selected accounts.
4. Select the account (or all accounts), then click **SET UP APPLICATIONS**.



5. You can select the applications which you would like to pin on the desktop (by creating shortcuts). Click **Apply** to continue.
Note that some of the listed applications here are system required applications and will not be displayed on the Launcher even if they are selected in this step. Shortcuts are available to **BenQ Suggests, Broadcast Setting, AMS Files, WPS Office**, and other applications downloaded from **BenQ Suggests**.



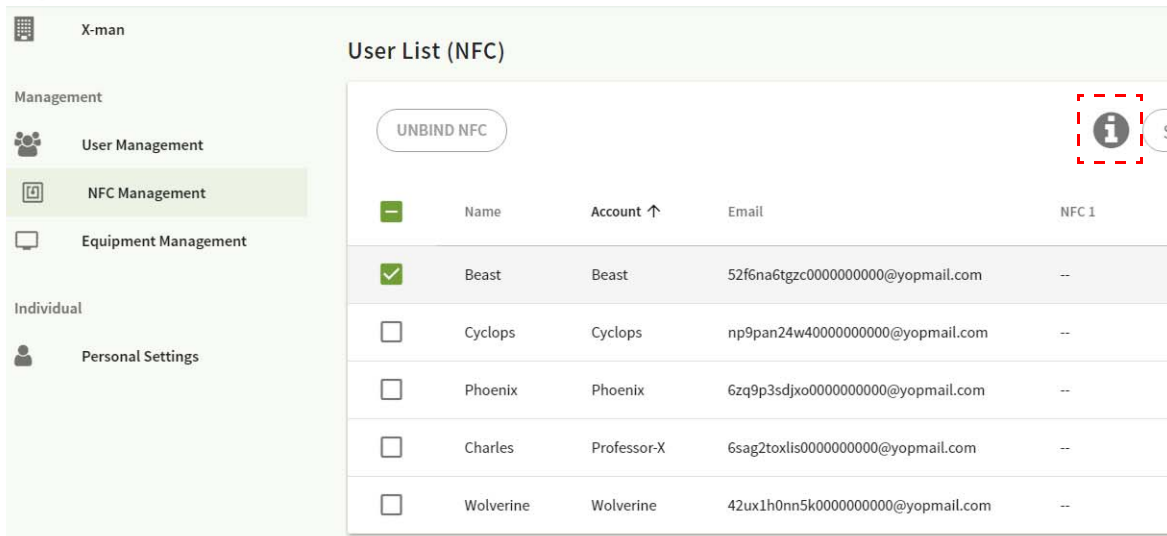
6. Click **OK** to apply the settings to the selected accounts.



NFC Management (IFP only)

You can bind the NFC card to the selected account.

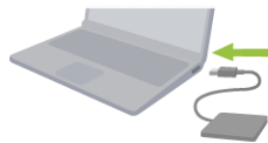
Click  to see more information about test of NFC card reader.



	Name	Account ↑	Email	NFC 1
<input checked="" type="checkbox"/>	Beast	Beast	52f6na6tgzc0000000000@yopmail.com	--
<input type="checkbox"/>	Cyclops	Cyclops	np9pan24w40000000000@yopmail.com	--
<input type="checkbox"/>	Phoenix	Phoenix	6zq9p3sdjxo0000000000@yopmail.com	--
<input type="checkbox"/>	Charles	Professor-X	6sag2toxlis0000000000@yopmail.com	--
<input type="checkbox"/>	Wolverine	Wolverine	42ux1h0nn5k0000000000@yopmail.com	--

Test of NFC Card Reader ×

1. Please connect USB of NFC card reader with computer



2. In case of being required, please install driver of NFC card reader
(installation method could be consulted from manufacturer)



3. Test: Hold NFC card to the reader, if the card number automatically fill in the input box below, which means reader operate normally.

Card Number:



The NFC card is not supplied and should be purchased separately. See [Supported NFC card readers and NFC card spec on page 14](#) for more information.

Binding the NFC card

1. Select an account to be bound.

The screenshot shows the 'User List (NFC)' interface. On the left is a navigation menu with 'NFC Management' selected. The main area contains a table of users. The 'Beast' user is highlighted with a green checkmark in a red dashed box.

<input type="checkbox"/>	Name	Account ↑	Email
<input checked="" type="checkbox"/>	Beast	Beast	52f6na6tgzc0000000000@yopmail.com
<input type="checkbox"/>	Cyclops	Cyclops	np9pan24w40000000000@yopmail.com
<input type="checkbox"/>	Phoenix	Phoenix	6zq9p3sdjxo0000000000@yopmail.com
<input type="checkbox"/>	Charles	Professor-X	6sar2toxlis0000000000@vonmail.com

The screenshot shows the 'User List (NFC)' interface with additional columns for NFC 1, NFC 2, and NFC 3. The 'Beast' user's NFC columns are highlighted with a red dashed box.

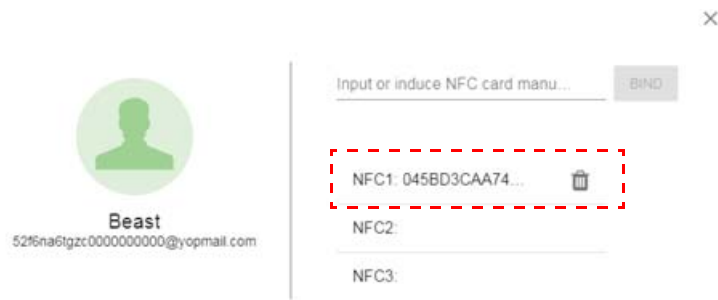
<input type="checkbox"/>	Name	Account ↑	Email	NFC 1	NFC 2	NFC 3
<input checked="" type="checkbox"/>	Beast	Beast	52f6na6tgzc0000000000@yopmail.com	--	--	--
<input type="checkbox"/>	Cyclops	Cyclops	np9pan24w40000000000@yopmail.com	--	--	--
<input type="checkbox"/>	Phoenix	Phoenix	6zq9p3sdjxo0000000000@yopmail.com	--	--	--

2. Hold the NFC card near the connected NFC reader to bind the NFC card to the account.

The screenshot shows the NFC binding interface. On the left is the user profile for 'Beast' with email '52f6na6tgzc0000000000@yopmail.com'. On the right is a form with the text 'Input or induce NFC card manually' and a 'BIND' button. Below are three input fields for NFC1, NFC2, and NFC3.

3. Click **BIND**.

The screenshot shows the NFC binding interface. The 'BIND' button is highlighted with a red dashed box. The NFC ID '62C57E05' is entered in the first input field.



4. Every NFC card has a unique ID. Once the card is bound to an account, it cannot be rebound to other accounts.

User List (NFC)

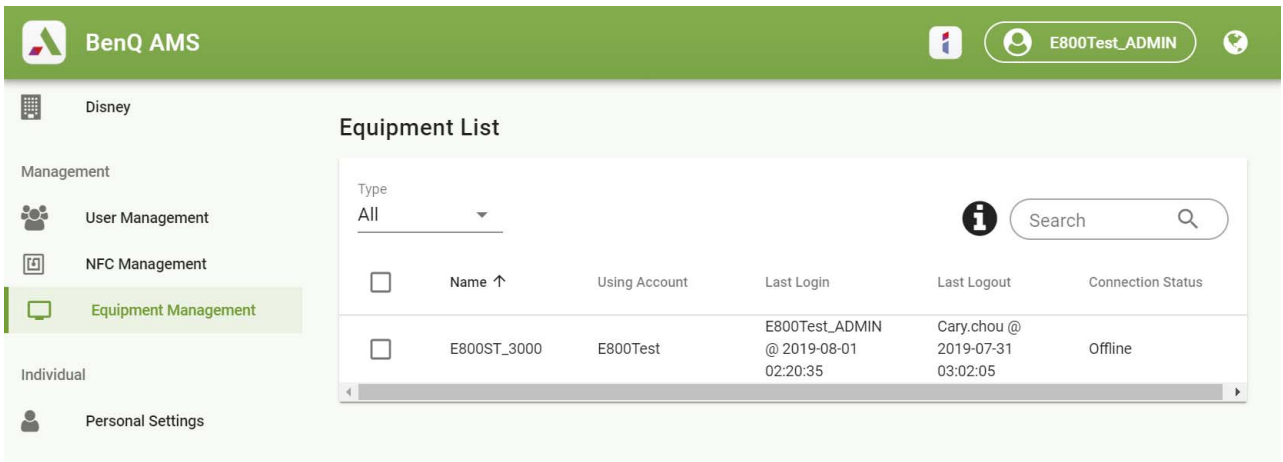
<input type="checkbox"/>	Name	Account ↑	Email	NFC 1	NFC 2	NFC 3
<input type="checkbox"/>	su3	chi-test-03	chichisu77+chitest-03@gmail.com	--	--	--
<input type="checkbox"/>	chichisu77	chitest	chichisu77+chitest@gmail.com	1091A26A	--	--
<input type="checkbox"/>	chi-test-002	chitest-02	chichisu77+chitest-02@gmail.com	--	--	--

Supported NFC card readers and NFC card spec

	Supported Models
NFC card readers:	<ul style="list-style-type: none"> • ACS: ACR1242U http://www.acr1252.com/ • Synnux: CL-2100R https://goo.gl/56ajQW • D-Logic: https://goo.gl/uLECHJ • InfoThink: InfoThink IT-101MU https://goo.gl/s3XGE4
Card spec:	<ul style="list-style-type: none"> • Chip: NXP, Mifare • Protocol: ISO14443-I • Size: 85.72 x 54.03 x 0.84 mm

Equipment Management

You can see the equipment status in **Equipment Management**.



The screenshot shows the BenQ AMS interface. At the top, there's a green header with the BenQ logo and 'BenQ AMS' text. On the right, there's a user profile for 'E800Test_ADMIN'. Below the header, there's a sidebar menu with options: Management (User Management, NFC Management, Equipment Management), and Individual (Personal Settings). The main content area is titled 'Equipment List'. It features a 'Type' dropdown set to 'All', a search bar, and an information icon. Below this is a table with columns: Name, Using Account, Last Login, Last Logout, and Connection Status. The table contains one entry for 'E800ST_3000'.

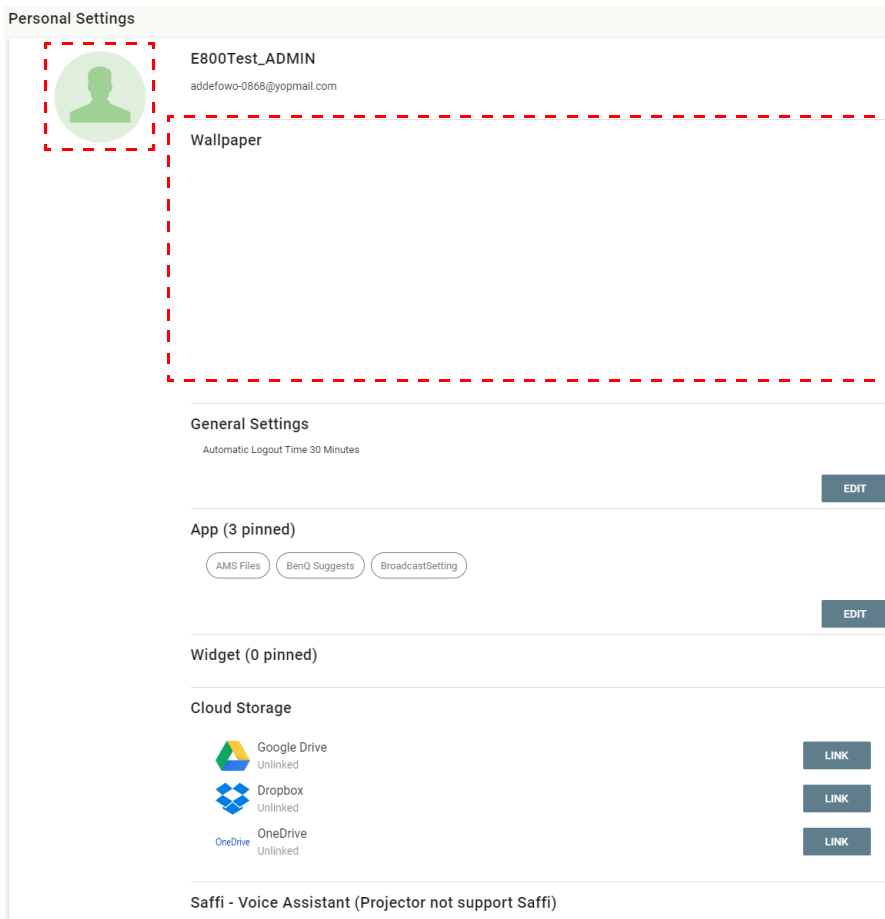
<input type="checkbox"/>	Name ↑	Using Account	Last Login	Last Logout	Connection Status
<input type="checkbox"/>	E800ST_3000	E800Test	E800Test_ADMIN @ 2019-08-01 02:20:35	Cary.chou @ 2019-07-31 03:02:05	Offline

Personal Settings



- Available functions and menu options vary by the connected device.
- Projectors do not support changing wall papers or personal pictures. **Widget** and **Saffi** (voice assistant) are not available to projectors as well.

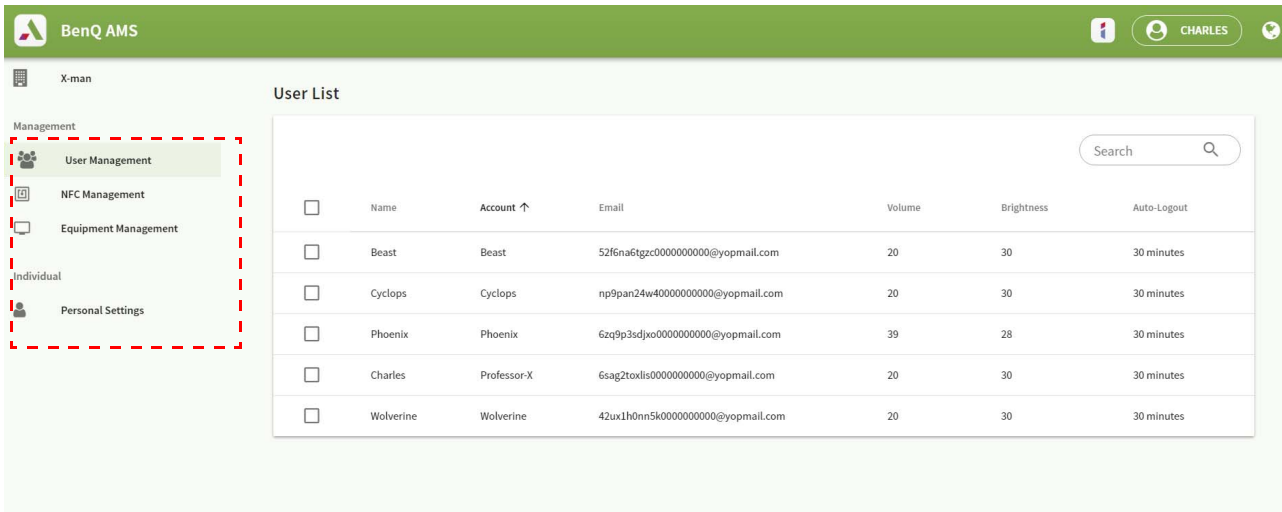
You can change your headshot and wallpaper on any device you have logged into. You can both adjust your **General Settings**, **APP**, and **Widget** here or on the devices. Direct link to Google Drive and Dropbox is available.



The screenshot shows the 'Personal Settings' page for user 'E800Test_ADMIN'. It includes a profile picture placeholder, a 'Wallpaper' section, and several settings categories: 'General Settings' (Automatic Logout Time 30 Minutes), 'App (3 pinned)' (AMS Files, BenQ Suggests, BroadcastSetting), 'Widget (0 pinned)', and 'Cloud Storage' (Google Drive, Dropbox, OneDrive, all Unlinked). There are 'EDIT' and 'LINK' buttons for various sections. At the bottom, it notes 'Saffi - Voice Assistant (Projector not support Saffi)'.

Management Authority

There are three roles in AMS: AMS admin, coordinator, and user. They have different management authority.



	AMS admin	Coordinator	User
User Management	✓	✓	
NFC Management (for devices with NFC function)	✓	✓	
Equipment Management	✓	✓	
Personal Settings	✓	✓	✓

- AMS admin has the authority to manage users, NFC, equipment, and **Personal Settings**.
- Coordinator has almost the same authority as AMS admin, except for the authority to create a new account.
- User can only have access to **Personal Settings**.