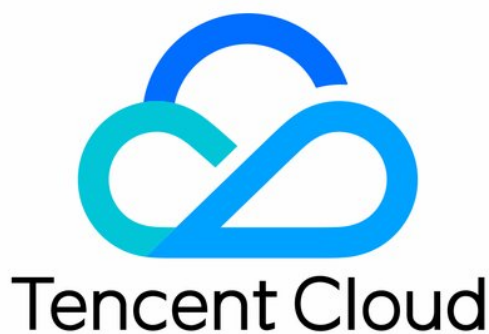


Digital and Intelligent Medical Imaging Platform Operation Guide Product Documentation



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Operation Guide

Registration and Login

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Feature Introduction

The Digital and Intelligent Medical Imaging Platform (AIMIS) offers multiple login methods. You can choose **account password login** or **QR code login**. This article will introduce the system registration and login features.

Prerequisites

Login users: general user, hospital administrator, medical consortium administrator.

Login devices: Chrome browser/ QQ browser

Notes

Medical consortium administrators must contact the Miying operator to add through the backend.

Hospital administrators, please contact the administrator of the affiliated medical consortium to add through the management platform.

General users, please contact the administrator of the affiliated hospital to add.

PC Client

Register

For the Medical Alliance admin account, please contact Tencent Miying staff to activate it in the backend. For regular user accounts, please contact your organization administrator to add and activate them. If you are an organization administrator, click **Administrator Log-in** on the login page to switch to the management platform login.

Log-in

The Digital and Intelligent Medical Imaging Platform (AIMIS) offers multiple login methods for you to choose from. You can log in to the [Digital and Intelligent Medical Imaging Platform PC version](#) using the following methods:

Scan code login: When logging in for the first time, it is recommended to log in by scanning the code with WeChat.

After scanning, follow the Tencent Miying WeChat official account to complete phone number verification and binding, and set the initial login password to log in successfully.

Account and password login: The platform also supports users to log in with the set password.

If users forget their password, they can also click **Forgot Password** on the login page to reset it. When resetting the password, it cannot be the same as any of the last five passwords used.

Note:

The same account has an upper limit of 10 password input errors per day. Once the upper limit is reached, the account will be frozen. After freezing, please contact the hospital admin to unfreeze, or the system will automatically unfreeze the next day.

Mobile Version

Register

For the Medical Alliance admin account, please contact Tencent Miying staff to activate it in the backend. For regular user accounts, please contact your organization administrator to add and activate them.

Log-in

Access AIMIS on the mobile terminal, log in to the [AIMIS mobile terminal](#), and enter the account password login page.

You can perform the following operations:

Account and password login: The mobile terminal supports users to log in with the set password.

Forgot password: Users can also click **Forgot Password** on the login page to reset the password. When resetting the password, it cannot be the same as any of the last 5 used passwords.

Remote diagnosis

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Feature Introduction

Remote diagnosis helps users access in-hospital examinations anytime through the cloud and enables interconnect of medical examinations between hospitals. This article will introduce the operation guide for remote diagnosis.

Prerequisites

Login users: general user, hospital administrator, medical consortium administrator.

Login devices: Chrome browser/ QQ browser

Login organizations: organizations with activated remote diagnosis feature module.

Login environment: Log in to the [Digital and Intelligent Medical Imaging Platform](#).

PC Client

Image Browsing

Double-click any examination in the Checklist to enter the image browsing page and view patient images. During browsing, the system provides Users with DICOM image browsing tools.

Report Editing

In the operation bar of the Checklist, click the **report** of any examination to enter the report editing page for that examination.

Report editing: Users can edit and save reports.

Report review: Users with permission can perform initial diagnosis, review, and print reports.

Compare images: Users can select multiple checks to compare images.

Insert knowledge base entry: Users can insert knowledge base entries into the report body.

Examination Management

Users can manage examinations in the Checklist of remote diagnosis.

Check filter: Users can filter checks by multiple conditions, including check date, check status, device type, etc.

Check sorting: The check list supports sorting by check time and printing time in reverse or ascending order.

List customization: Users can customize the fields to display or hide in the check list.

Mobile Version

Examination Management

Users can manage examinations in the Checklist.

Check filter: Users can filter checks by various conditions, including check status, device type, check category, scanning method, etc.

Keyword search: Users can search checks by keywords such as patient name, patient ID, etc.

Image Browsing

Double-click any examination in the Checklist to enter the image browsing page and view patient images.

Note:

When your device is connected to a mobile network, DICOM images will load as thumbnails by default to avoid consuming too much network traffic. You can also click **View Original Image** to load the original image size.

When your device is connected to a WIFI network, the system will load the original DICOM images by default.

Report Edit

In the operation bar of the Checklist, click the **report** of any examination to enter the report editing page for that examination.

Report editing: Users can edit and save reports.

Report review: Users with permission can perform initial diagnosis and review of reports.

Check sharing: Users can share checks with colleagues in the same organization via WeCom.

Note:

Only one user is allowed to edit a check report at a time. When you are editing, the report's edit status will be locked to you. The edit status will be released after saving or review, or it will be automatically released after 30 minutes of inactivity.

Remote consultation

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Feature Introduction

Remote consultation helps users achieve real-time audio and video discussions for multidisciplinary cases. This article will introduce the operation guide for remote consultation.

Prerequisites

Login users: general user, hospital administrator.

Login devices: Chrome browser/ QQ browser, and the latest version of Tencent Meeting installed.

Login organization: organizations with the remote consultation feature activated.

Login environment: log in to the [AIMIS](#)

PC Client

Creating a Consultation

Users can click **Create Consultation** in the consultation list to enter the consultation creation page.

Invitation target: Users can select consultation departments or targets from the contact list and choose mandatory participants. The consultation will be successfully initiated only after all mandatory departments have approved.

Consultation materials: Users can associate the patient's ID number or HIS number with the cloud-based examination information for the current consultation. It also supports uploading attachments from the local device.

Consultation Review

Users can click **Review** in the consultation review list, provided they have review permission.

Adjust expert: On the consultation review page, the review user can click **Adjust Expert** to modify the participating experts of the adjusted department.

Consultation review: The review user can click **Agree and Join, Agree, Deny** to review the consultation. If Agree and Join is clicked, the current reviewer will also be added to the participants.

Joining a Consultation

After the consultation review is completed, all invited participants can join the consultation from the consultation list.

Consultation room: All participants can click **View Consultation** to enter the consultation room and view consultation information, patient information, cloud data, uploaded data, consultation process, etc. Users can click **View an Image** to browse DICOM images and click **Image Report** to view the report content corresponding to the current cloud image.

Audio/Video consultation: All participants can click **Start Audio/Video Consultation** to enter Tencent Meeting and start the consultation. The system will automatically guide the transition to Tencent Meeting.

Consultation report: All participants can edit the consultation report in the consultation room. Click **Edit** to activate the report editing for content writing. After completion, it can be saved, submitted, and printed.

Message Reminders

The platform provides users with powerful reminder capabilities. During the remote consultation process, reviewers, participants, and applicants can all receive reminders. The following reminder methods are supported:

WeChat official account reminder.

Enterprise WeChat Official Account reminder.

WeCom pull reminder.

Note:

The type of reminders, notification methods, and notification scope that users receive depend on the admin's configuration in the backend.

Mobile Version

Creating a Consultation

Users can click **Create Consultation** in the consultation list to enter the consultation creation page.

Invitation target: Users can select consultation departments or targets from the contact list and choose mandatory participants. The consultation will be successfully initiated only after all mandatory departments have approved.

Consultation materials: Users can associate the patient's ID number or HIS number with the cloud-based patient information and examination information for the current consultation. It also supports file upload from the local device.

Consultation Review

Users can review consultations in the consultation review list, provided they have review permission.

Adjust expert: On the consultation review page, the review user can click **Adjust Expert** to modify the participating experts of the adjusted department.

Review consultation: The review user can click **Agree and Join, Agree, Deny** to review the consultation.

Joining a Consultation

After the consultation review is completed, all invited participants can join the consultation from the consultation list.

Consultation room: All participants can click **View Consultation** to enter the consultation room and view consultation information, patient information, cloud-based materials, uploaded materials, and consultation process information. Users can click **View an Image** to browse DICOM images and click **Image Report** to view the report content corresponding to the current cloud-based image.

Audio/Video consultation: All participants can click **Start Audio/Video Consultation** to enter Tencent Meeting and start the consultation. The system will automatically guide the transition to Tencent Meeting.

Consultation Report: All participants can edit the consultation report in the consultation room. Click **Edit** to activate the report editing for content writing. After completion, you can save, submit, and print.

Remote ward round

Last updated : 2025-03-07 17:07:28

Feature Introduction

Remote ward rounds help achieve real-time audio and video ward rounds between remote hospitals, enabling linkage between higher and lower-level hospitals. This article will introduce the operation guide for remote ward rounds.

Prerequisites

Login user: general user

Login devices: Chrome browser/ QQ browser

Login organization: organization with activated remote ward round feature module

Login environment: log in to the [AIMIS](#)

PC Client

Requesting a Room Check

Users click **Remote Ward Rounds** in the sidebar to enter the ward rounds list, then click **Apply for Ward Rounds** in the list to enter the application page:

Ward round expert: Users can select remote ward round experts from the contact, perform fuzzy search, and support multi-option.

Ward round data: Users can associate cloud-based examination information to the current ward round through patient ID or HIS number.

Ward round information: Users can fill in ward round topic, time, summary, etc., for remote expert evaluation.

Joining a Room Check

After the ward rounds application is completed, all invited ward rounds experts can view the ward rounds information in the list:

Ward round information: All participants click **Enter Ward Round** to enter the ward round room, view ward round information, patient information, cloud-based data, uploaded data, etc. Users click **View an Image** to browse DICOM images, click **Image Report** to view the report content corresponding to the current cloud-based image.

Audio and video ward round: Ward round experts can click **Start Audio and Video Consultation** to enter Tencent Meeting and start the ward round. The system will automatically guide the transition to Tencent Meeting.

Room Check Management

After the ward rounds application is completed, users can manage the ward rounds, including viewing the status, content, and searching for ward rounds.

Mobile Version

Requesting a Room Check

After logging in to the mobile terminal, users click **Remote Ward Rounds** on the homepage to enter the ward rounds list, then click **Apply for Ward Rounds** in the list to enter the application page:

Ward round expert: Users can select remote ward round experts from the contact, perform fuzzy search, and support multi-option.

Ward round data: Users can associate cloud-based examination information to the current ward round through patient ID or HIS number.

Ward round information: Users can fill in ward round topic, time, summary, etc., for remote expert evaluation.

Joining a Room Check

After the ward rounds application is completed, all invited ward rounds experts can view the ward rounds information in the list:

Ward round information: All participants click **Enter Ward Round** to enter the ward round room, view ward round information, patient information, cloud-based data, uploaded data, etc. Users click **View an Image** to browse DICOM images, click **Image Report** to view the report content corresponding to the current cloud-based image.

Audio and video ward round: Ward round experts can click **Start Audio and Video Consultation** to enter Tencent Meeting and start the ward round. The system will automatically guide the transition to Tencent Meeting.

Room Check Management

After the ward rounds application is completed, users can manage the ward rounds, including viewing the status, content, and searching for ward rounds.

Remote Teaching

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Feature Introduction

Remote teaching helps hospitals build a teaching and training system. Hospitals can offer live courses and premium classes to enhance the professional skills of clinical staff. This article will introduce the operation guide for remote teaching.

Prerequisites

Login user: general user

Login devices: Chrome browser/ QQ browser

Login organization: organization with Activated remote teaching feature module

Login environment: log in to the [Intelligent Medical Imaging Platform](#)

Live Course

Users click **Remote Teaching** in the sidebar to enter the course homepage, then click **Create Course** to go to the course creation page.

Course information: Users can fill in course topic, teaching time, teaching location, course introduction, etc.

Teaching Range: Users can select departments and personnel within the organization where the course is visible.

Course Recording: Users can configure the host to record the course or enable automatic recording.

Live Course: After successful creation, all personnel within the teaching range can see the course on the course homepage and enter the classroom to watch the live course within the teaching time.

Premium Class

Admins can offer premium classes within the hospital on the remote teaching platform, and platform users can watch class recordings anytime.

personal center

The remote teaching platform provides users with a personal center where they can view their teaching records and learning records, including course name, course time, lecturer, and learning status.

Data Statistics

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Feature Introduction

The Digital and Intelligent Medical Imaging Platform (AIMIS) also provides users with powerful business statistics capabilities, allowing admins and doctors to quickly understand the current business situation. This article will introduce the operation guide for data statistics.

Prerequisites

Login users: general user, hospital administrator.

Login devices: Chrome browser/QQ browser.

Login organization: organization with Activated data statistics feature.

Login environment: log in to the [Digital and Intelligent Medical Imaging Platform](#).

Data Statistics

Users can click **Data Statistics** in the navigation bar of the Digital and Intelligent Medical Imaging Cloud Platform to access business statistics, supporting queries on platform data storage, diagnostic business, and consultation business usage.

Data Overview

Examination count: count the used storage and examination count of the current organization or medical alliance on the cloud.

Remote diagnosis: count the number of examinations for remote diagnosis of the current organization or medical alliance.

Remote consultation: count the number of consultations for remote consultation of the current organization or medical alliance.

Business Statistics

Cumulative statistics: count the data volume based on user filter conditions using a stacked bar chart, including in-hospital examination count, remote diagnosis count, and remote consultation count.

Trend statistics: Use the start and end times filtered by the user as the X-axis, and count the data volume for each unit time using a line chart, including in-hospital examination count, remote diagnosis count, and remote consultation

count.

Count Details

Detail drill-down: Users can click **detail metrics** in business statistics to directly drill down to the statistics detail page to view the detailed information.

Download detail: Users with permission can click **download data** when viewing statistics details to download the detail locally.

Image quality control

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Feature Introduction

Image quality control helps hospitals audit, analyze, and manage the quality of radiographic images and report writing within the hospital to improve the diagnostic level of clinical departments. This article will introduce the operation guide for image quality control.

Prerequisites

Login users: general user, hospital administrator.

Login devices: Chrome browser/ QQ browser.

Login organizations: organizations with the activated imaging quality control feature module.

Login environment: log in to the [Digital and Intelligent Medical Imaging Platform](#).

Feature Introduction

Creating a Task

Users click **Quality Control Management** in the sidebar to enter the quality control tasks, and click **Create New Quality Control** to enter the page for creating quality control tasks.

Quality control task: users can fill in the quality control name and case selection criteria.

Filtered data: users can select quality control data through filtering conditions.

Quality control content: users can configure the content of this quality control task, including images and reports.

Quality Control Evaluation

Users click **Viewing Details** of the quality control task in the quality control list to enter the quality control evaluation details. Users can score and evaluate each image, initial diagnosis report, and review report in each task, and provide evaluation comments.

Quality Control Count

Users click **Quality Control Statistics** in the sidebar to enter the quality control statistics page. Users can view the overall evaluation results and score statistics for each type of equipment and evaluation object.

Platform Management

Last updated : 2025-03-07 17:07:29

Feature Introduction

Digital and Intelligent Medical Imaging Platform provides a powerful management platform for managers, helping hospital management users achieve feature configuration, business audit, and other goals.

Prerequisites

Login users: hospital admin, medical alliance admin.

Login devices: Chrome browser/ QQ browser

Feature Introduction

Log-in

Users can access the [Digital and Intelligent Medical Imaging Platform PC](#), and click **Administrator Log-in** on the login page to switch to the management platform login.

Hospital Management

Hospital information: Admin can view the medical alliance's storage usage information in Hospital Management - Hospital Information. Admin can also customize the hospital logo, download the hospital QR code, etc.

Department management: Admin can configure department information, including department name, department phone, etc., for department maintenance.

Doctor Management

Doctor list: Admin can configure the personnel of the hospital organization.

Role permissions: Admin can manage platform role permissions.

Examination Management

Admins can manage hospital check attributes, including device types, device management, part types, and check item configuration.

Report Management

Report template: Admin can configure templates for hospital check types. Admin can also configure the effective scope, field display, header/body text/footer/title formats for each report template.

Knowledge base: The platform provides a knowledge base for users, and admin can configure commonly used report diagnostic terms for the hospital.

Cloud Film Configuration

Admins can configure the enable/disable status of cloud-based films for each check type in the hospital, as well as the effective timing configuration.

Data Management

Admins can retrieve archived checks on the cloud and view the retrieval status, retrieval log, etc.

Notification Management

Admins can configure cloud message notification capabilities, including notification scope, notification methods, and notification business types.

Log Audit

Admins can view all platform log information, including:

Check log: Admin can query all cloud migration logs of the organization, including check size, billing unit, billing entity, billing resource package, storage validity period, etc.

Consultation log: Admin can query all consultation logs of the organization, including consultation topic, consultation time, applicant, etc.

User log: Admin can view all user operation logs on the platform, including operation time, operation behavior, IP address, etc.

Data maintenance: Admin can maintain data information on the cloud, including operations like soft deletion and restore.

Patient image archives

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Feature Introduction

The Digital and Intelligent Medical Imaging Platform provides Users with **Patient Imaging Records** (WeChat mini program) to manage personal medical images and checks, allowing users to view them anytime with a mobile phone and store them securely for a long time.

Prerequisites

Logged-in user: patient

Logged-in device: WeChat mini program

Logged-in organization: Check if the affiliated organization has enabled the cloud film service

Feature Introduction

Log-in

Users can search for **Patient Imaging Records** in the WeChat mini program to access the login page, complete registration by authorizing their phone number through WeChat, and enter the homepage. They can also log in by scanning the mini program QR code.

Member Management

After logging in, Users need to complete their personal information and undergo real-name verification to automatically match cloud-based checks.

Personal Information Completion: Users can complete their personal information in **My > Member Management**, where name and ID number are required for identity verification.

Multi-member Management: Users can click **add member** in **My > Member Management** to add family members. After completing member information and verification, they can view the members' cloud-based imaging examinations.

Viewing Check

After Users complete and verify their personal or member information, the system will automatically match cloud-based checks. Users can also manually retrieve their checks.

Viewing Examinations: After completing personal information, the system will automatically match the user's cloud-based examinations through ID number or phone number. Users can click on an examination in the examination list to view their examination report and images.

Sharing Examinations: When viewing personal examinations, users can click **share** to share the examination with WeChat friends. During sharing, users can set the valid period and password for the shared examination to protect personal privacy and security.

Manual Match: If users cannot view their personal examinations, they can try to manually search and match the examinations to their name by retrieving examination ID, examination date, or organization name.

Note:

After Users complete their personal information for the first time, a manual check and match must be performed for verification. Once the match is successful, the system will automatically pull all checks from the cloud for that user.

Download Image

When viewing personal checks, Users can click **Download Image** to download the original DICOM image of the check locally. During the download, Users need to enter a security code within the valid period to download.

Note:

The download feature requires checking if the associated healthcare institution has enabled it; otherwise, it will not be available.

Each download link is only valid for 30 minutes. After expiration, it needs to be obtained again.

Users cannot enter the security code incorrectly more than 10 times; otherwise, the download link will automatically become invalid.