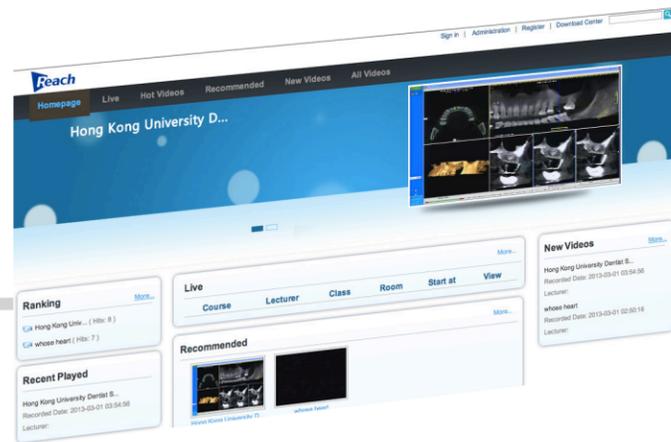


Media Center



Functions

Management and allocation of device resources

Manage REACH recording and streaming devices in a centralized manner. This function supports the configuration, operation, and maintenance of the device and allocate device resources by classrooms. In addition, it supports the manual control of recording and the configuration of recording schedule.

User management

Manage all kinds of users in the organization, including teachers, students, administrators, and IT personnel. This function assigns different system privileges to different users and supports data synchronization among Lightweight Directory Access Protocol (LDAP) users.

File editing

Enables users to edit files through servers, so that users are not required to download files to the local for editing and upload the edited file for release.

File management and release

Manages files by types and assigns different access rights to different users. This function enables users to release files to the platform of the media center and to learning management systems such as Moodle and BlackBoard. In addition, this system supports RSS for release notifications. The files are accessible from windows PC, MAC computer, and mobile devices.

Portal function

Provide users with a portal page, allowing users to access their own resources through a unified interface. The portal page supports the content management system (CMS) so that schools can customize the portal page as needed.

Workflow management

Supports the scheduled recording, server-based file editing, and different file release modes (direct release or release after the verification of the Course Manager).The workflow is simple and adjustable as needed.

Integration with the LMS/CMS

Supports LDAP and the Single Sign On. Reach is the building block partner of BlackBoard and integrates seamlessly with LMS/CMS systems including BlackBoard and Moodle.

Data statistics

Display the statistics about on-line users, streaming users, and video playing rates.



Specifications

OS and Minimum Hardware Requirements	Linux (CentOS 6.4) X86 architecture CPU: 2×Quad-core processor RAM: 4GB Storage: 1TB Network interface card: 1000M
Recommended Hardware Server	PowerLeader PR2012NS Dell poweredge R710 HP 380G7 HP180G Dell poweredge R710 IBM X3650m3 Great Wall Zhi xiang R520
Capture Device Management	Setting and configurations of Reach capture device Record operating control
Schedule Management	Single schedule and cycle schedule by day, week, month Supports schedule table by importing Excel file
Content Management	File group management Video access by individual user and group Supports search file by metadata Supports 3rd part media upload (most of mp4, avi, wmv, asf, mkv, flv, 3gp, ts file.)
OCR	Supports character recognition from VGA input
Editing	Cut, delete stream and merge Edit OCR content Modify file info
User Management	Supports user group management Define system privileges by individual user and group Supports LDAP
Portal Page	Supports CMS (Content Management System) Supports portal page customizing by institute
Publishing	Publishes to Media Center portal page Publishes to BlackBoard, moodle and other LMS Supports publish control by course manager
Playing Back	Playback on Windows and Mac computers Web browser support: IE, Firefox, Chrome and Safari Playback on iOS and Android mobile device (HTML5)
Streaming Capabilities	Supports live streaming and video play on-demand Supports 1000 ways @384kbps
System Function	System log Warning notification Video playing statistics Email notification
Storage	Supports iSCSI network storage Supports RAID