

# TimeLink Cloud Education Solution User Guide for V2



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# **1** Introduction

TimeLink Cloud Education Solution is large scale, fully automatic record the entire teaching process. It can autonomously and comprehensively record the courseware, voice, notes in class and save into cloud sever when class is over. It provides a comprehensive and efficient system that make student can do targeted and productive review of their lessons online.

This file describes the method of the whole operation of TimeLink Cloud Education.



#### A set of hardware devices:

#### IWB&IWB All-In-One or any other display+ Timelink Note

(Timelink Note is independent researched and developed by TimeLink)

#### A set of wireless MIC

In order to record the teacher's voice, teacher needs have a record device.Now pick up equipment selection as follows:

#### **(1)** Omni-directional Type





**②** Head-wearing microphone



**3**Clipper Microphone/Handheld Microphone





# 2 The composition of cloud education solution

Hardware: IWB&IWB All-In-One or any other display+ Timelink Note

Software: Microrecord software

Check and share lessons on fenke.timelink.cn& FENKE APP

Manage courses on fenke resource management platform

# 2.1 Microrecord software

Firstly install it in the computer and it can help you record your course

- Have two modes: personal user & school user that can meet the needs of diverse scenarios.
- Bound wechat or RFID card can log in quickly and unbind anytime.
- Pre-entry syllabus can realize full automatic record course, and teacher does not any operation when have a class.
- Automatically grab document title in the record process and denominate the name of recording files.
- Comprehensively record courseware+ notes+voice together, and upload to cloud server and save it.
- The recording file is about 70MB per class with 45-minute

#### 2.2 Fenke website

- ◆ The website: <u>http://fenke.timelink.cn</u>
- It is platform that can efficiently review and study f for teachers, students and learners.
- ◆ Have school user and personal user, compatible the needs of K12, college, personal user.



## **2.3 Classification of user**

	Personal user	School user
The register way	Register directly in fenke	Register batch by school administrator and
The register way	website	hand out to teachers and students.
	One ID can be a student to join	
Llaan dafinition	in a class to learn knowledge and	One ID just can be a teacher or a student,
User definition	also can be a teacher to record	cannot be dual identity
	course.	
A ativata way	Do not need to activate	Need administrator id to activate
Activate way	microrecord software	microrecord software
Pagard goursa	initiative to log in microrecord	Pre-entry syllabus in resource management
Record course	anthative to log in iniciolecold	platform and then realize full automatic
way	software and then record course	record course
Application	Apply to person, college,	Amply to 1-12 college
range	Vocational school	Apply to K12, college.
Operation	Can check, edit, modify, cut and	Just can about course
difference	delete course, also can label the	Just can check course

The user of Fenke website has personal user and school user, the difference is as below:

![](_page_6_Picture_0.jpeg)

	course then sell it.	
Relevance way	School user id can bind with per user id can synchronize with the of course.	sonal user id, and then the course of school personal account to realize the edition, order

#### 2.4 Fenke resource management platform

Website: http://fenke.timelink.cn/admin

The resource management platform is an efficient management system for school education resource management. And provide a big space operation for system administrator and school administrator. It is good to school to manage courseware, school information, ID information, devices.

Control Panel	×												Θ
← → C ③ fenke.timelink.cn/adm	nin										7	☆	0
FENKE	=										💽 lon	gyan	•
Course Management	COURSE LIST												
Teacher Management	Course Title	۰			Price ~ Price	F	Public or r	not 🖨 🛛 S	Select semes	ter \$ Clear	Search		
🔔 Study manage									1				
🖶 School Management 🗕	Course Title	Course Num	Teacher	School	Recommendation	Label	Price	Public or not	update time	Ope	ration		
Device Management +	□ = / 8 HE / ₩	11	陈受尔	龙岩四			0	Privata	2017-				
😂 Storage Management 🔸	学/人民教育出 版社		MULGE ST.	中(高中)			0	r nvato	05-23 08:45:33	Delete	Advanced		
🗢 Setting 🗕 🛨	高三/8班/地	8	章尊	龙岩四	Famous teacher		0	Private	2017-	Play Edit	Advanced		
🖺 Log 🔶 🕂	理/人民教育出 版社			中(高中)					05-22 16:05:24	Delete	, 101011000		
	高三/8班/历 史/人民教育出 版社	10	吴新枚	龙岩四 中 (高 中)			0	Private	2017– 05–22 15:05:21	Play Edit Delete	Advanced		
	高三/8班/语 文/人民教育出 版社	11	汤丽燕	龙岩四 中 (高 中)	Famous teacher Famous school Recommendation		0	Private	2017– 05–22 14:18:30	Play Edit Delete	Advanced		

# **3** The personal user instructions

#### **3.1The way of recording course**

(Register an ID by phone number or email on <u>http://fenke.timelink.cn</u>, then find My lecture-My

![](_page_7_Picture_0.jpeg)

Classes to create class and course on http://fenke.timelink.cn. And also can create class and

#### course by microrecord software.

	e.unemik.cn/teach/class							
								Chinese Engl
F F	ENKE						Search	Q Jacy - Cart(
My Lecture	My Classes							
My Learning	My Lecture Vie	w History My Colle	ection My Order	r Profile				
My Tuition	My Classos	,	,					
iviy fution	Wy Classes							
This Semeste	er Other Semester							Create Class
Index	Class ID	Course Name	subject	Class Name	User Count	Owner		Operate
1	9RJ41493883143	初中语文	Chinese		0	个人	View	Applications Num(0)
2	HEUI1495089771	七年级语文	other		0	个人	View	Applications Num(0)
View H	His Create Cl	lass						×
View H	His Create Cl	lass						×
View H	His Create Cl	ass Primary					\$	×
- View H	Hist Create Cl Period subject	t Select					¢ \$	×
View H	His Create Cl Period subject	d Primary t Select					¢ ¢	×
View H	His Create Cl Period subject	ass d Primary t Select				~	¢ ¢	×
View H	His Create Cl Period subjec Owner Course	d Primary t Select				~	¢ ¢	×
View H	His Create Cl Period subjec Owner Course Name	lass d Primary t Select				~	¢ ¢	×
View H	His Create Cl Period subject Owner Course Name Class	d Primary t Select r				~	¢ ¢	× View View
View H	His Create Cl Period subject Owner Course Name Class	lass d Primary t Select r	Con	stirm	Cancel		¢ ¢	× View View

(2) After you create class, will automatically generate class ID, other users can join in this class through this class id on My learning page on fenke website.

									Crimese English
<b>F</b> F	ENKE							Search Q	Jacy - Cart(0)
My Learning	Joined Class								
My Learning	My Lecture	View History	My Collection	My Order	Profile				
Learning	Joined Class								
All Classes									Join In New Class
Index	Class Name		subject	Course Name		Class ID	Owner	Status	Operate
					No Class				

![](_page_8_Picture_0.jpeg)

<b>F</b> FENKE			Search	Q Jacy - Cart	(0)
Vy Learning / Joined Class					
My Learning My Lecture View His	Join In New Class		×		
Learning Joined Class		Select By Class ID			
All Classes	Class ID			Join In New Class	s
Index Class Name	Message		Status		
		Confirm			

(3) After creating class and course, then log in microrecord software to record course by personal id.

	×
	Activation using admin account
	Username:
	Password:
	<ul> <li>Activation using authorization code</li> </ul>
	Auth-code:
	Personal Use>
	next
L	

(4)Open the microrecord software, Click the personal use, then use the username and password to log in it, then can have a class, picture as below:

![](_page_9_Picture_0.jpeg)

	TimeLink	USA, Inc.
Microrecord	×	
	English	
	00:00:04	
April	Dismiss class!	

5Click the logo of microrecord software, then can see preview the handwriting.

Microrecord		×
	English 00:00:28	
April	Dismiss class!	

(6) The method of binding RFID card with record course ID:

- The function applies to the IWB All-In-One, if the device is not IWB All-In-One, can not realize the function.
- Binding method: Click the corn of microrecord software, and then click" Binding", according to the hint to finish binding.

![](_page_10_Picture_0.jpeg)

![](_page_10_Picture_2.jpeg)

#### 3.2 The rights of personal user

#### **3.2.1**My lecture (As a teacher to manage the recorded courseware)

(1)Click "Edit", and then turn to the edit page.

![](_page_10_Picture_6.jpeg)

2You can modify the title of a set of course, add label, setting the price and publish or private, as below picture

![](_page_11_Picture_0.jpeg)

Chinese English

Cou	rse Information	Edit			× Search
ourse Ed Devices	Poster	Modify	ylistic Device	s	egral: integral
fication		-			
	Course Name	English Grammar			
	Press			\$	
	Tags	add tags			
	Price	🔿 Free 💿 Payable			Operate
ification)	Unit sale	0		Integral	Title modify
	Total	0		Integral	Free
	Total sale	0		Integral	
	Publish	🔿 private 💿 public			

(3) The course editing page, can modify every course title, and cut, remove record course. Do publish or private of every course.

Centre / My Tuition / Course Edit     Back	English Grammar       Integral:O       Modify         April       Tags:       Update Time:2017-03-14       Modify         Outration       Source       Integral:O         Duration       Source       Title modify         Outration       Source       Title modify         Modify       Source       Title modify         Outration       Source       Coperate					
My Lecture / My Tuition / Course Edit Back	English Grammar       Integral:O         April       Tags:         Update Time:2017-03-14       Modify         Image: Comparison of the problement of the problemen	<b>F</b> FENKE			Search Q A	pril - Cart(0)
Back         Image: Lexical Stylistic Devices       English Grammar         April       Tags:         Update Time:2017-03-14       Integral:0         Image: Lesson Info       Image: Lesson Info         Image: Title       Duration         Source       Operate         Image: Title modify Move Edit Delete Type         1       2017-03-07(Personification)	English Grammar       April         Tags:       Update Time:2017-03-14         Image: Duration       Image: Duration         Duration       Source         Operate         Titte modify       Move   Edit   Delete   public         Duration       Source         Operate       Titte modify         Free       Titte modify	ly Lecture / My Tuition / Course Edit				
English Grammar       Integral:0         April       Tags:         Update Time:2017-03-14       Modified (Construction)         Lesson Info       April       Title         Index       Title       Duration       Source       Operate         Index       Title       Duration       Source       Operate         1       2017-03-07(Personification)       00:06:39       2017 英语一班	English Grammar       Integral:0         April       Tags:         Update Time:2017-03-14       Modify         Control       Source         Au       public       Payable         Recycle       Coperate         Concelar       Source       Title modify         Modify       Source       Coperate         Concelar       Source       Title modify         Bool       Free       Free	Back				
Lesson info Lesson info Index Title Duration Coperate Title modify Move Edit Delete pu 1 2017-03-07(Personification) 00:08:39 2017 英语一组	All public     Payable     Recycle       Duration     Source     Operate       00:06:39     2017 英语一班     Title modify   Move   Edit   Delete   public   Free	Lexical Stylistic Devices	<b>English Grammar</b> April Tags: Update Time:2017–03–14		Integral:0	xdify
Index Title Duration Source Operate Title modify Move Edit   Delete   pure 1 2017-03-07(Personification) 00:06:39 2017 英语一班	Duration Source Operate Title modify   Move   Edit   Delete   public   Title modify   Move   Edit   Delete   public   Free	Lesson info			All public Payab	le Recycle
Title modify   Move   Edit   Delete   pu           1         2017-03-07(Personification)         00:06:39         2017 英语一班	Title modify         Move         Edit         Delete         public           00:06:39         2017 英语一班         Free         Fr	Index Title	Duration	Source	Operate	
Froe		1 2017-03-07(Parsonification)	00:06:39	2017 英语一班	Title modify   Move   Edit   Delete	public

# 3.2.2 My learning (As a student to learn other teachers' courses)

![](_page_12_Picture_0.jpeg)

#### The full-screen mode of playing courseware

![](_page_12_Picture_3.jpeg)

#### Non full-screen mode of playing courseware

![](_page_12_Picture_5.jpeg)

#### **3.2.3 My Oder**

It shows the bought courses, the benefit, the point management and soon. Now course trading is using points to exchange courses, if you do not have points, you need to buy it by wechat or Alipay.

FENKE					Search Q	April - Cart	:(0)
Order / Integral Manageme	ent						
My Learning My Lecture	View History My Collection	My Order	Profile				
Bought Courses My Benefit	Integral Management						
Change Charge							
Time	Order No.		Туре	Integral Count	Money	Operate	
2017-03-10 16:24:09	2170310059043828		Earn	+35	0	Delete	
2017-03-09 11:37:56	1170309041867253		Charge	+1	0.1	Delete	

![](_page_13_Picture_0.jpeg)

# 4. The school user instructions

Super administrator creates the school name and the account of school administrator on the resources management platform. , and then give the account number& password to the school administrator. The school administrator logs in the website of <u>http://fenke.timelink.cn/admin and p</u>re-entries the school's information by excel batch input or batch create ( the school user can not register id on fenke website, only the school administrator create them and hand out to teachers and students

#### 4.1 Pre-entry school information

#### 4.1.1 School management

(1)Class management: add the class which will use the devices.

	FENKE	=					💿 a1 🗸
Ø	Course Management	CLASS LIST					
ଦ	Teacher Management	First High Se	cond High Third	d Hiah			Add Class +
•	Study manage						
*	School Management –	School Name	Grade Name	Class Name	Students Number	Last update time	Operation
	Class Manage	bjyz	First High	class 8	10	2017-03-16 10:01:48	Edit Student Delete
	Building Management	bjyz	First High	class 7	0	2017-03-16 10:01:38	Edit Student Delete
	Schedule Management	bjyz	First High	class 6	0	2017-03-16 10:01:27	Edit Student Delete
-	Device Management +	bjyz	First High	class 5	0	2017-03-16 10:01:17	Edit Student Delete
۵	Storage Management +	bjyz	First High	class 4	0	2017-03-16 10:01:02	Edit Student Delete
٠	Setting +						
Ŀ	Log +	bjyz	First High	class 3	0	2017-03-16 10:00:51	Edit Student Delete
		bjyz	First High	class 2	0	2017-03-16 10:00:39	Edit Student Delete
		bjyz	First High	class 1	0	2017-03-16 10:00:20	Edit Student Delete

(2)About student id, can batch create or excel input ( the original password of batch creating is 123123)

	FENKE	≡					💽 a1 🗸
	Course Management	5	STUDENT LIST				
Ģ	Teacher Management		Add Student +	Add Multiple Student +	Excel import +		Back
4	Study manage					Excel template download	
*		-	Nickname	Username	Account Bind	Register Time	Operation
						No data	
	Building Management						
	Schedule Management						
Ģ	Device Management	+					
Ь	Storage Management	+					
٠	Setting	+					
ľ	Log	+					

![](_page_14_Picture_0.jpeg)

#### 4.1.2 Teacher Management

(1) The original password of batch creating teachers' id is 123123

2Click"Edit", can help teacher to add courses.

Course Management Teacher Management Study manage School Management Device Management Storage Management Storage Management Log	Add + + + + +	HER LIST Teacher + Index 1 2	Add Multiple Teacher + Username T01020005@bjyz	Excel import + Account Bind	Excel template downloa	ad Register Time		Operation
Teacher Management     Study manage     School Management     Device Management     Storage Management     Storage Log	Add + + + + + +	Teacher + index 1 2	Add Multiple Teacher + Username T01020005@bjyz	Excel import +	Excel template downloa	ad Register Time		Operation
Study manage School Management Device Management Storage Management Setting	+ + +	index 1 2	Username T01020005@bjyz	Account Bind	Course Number	Register Time		Operation
School Management Device Management Storage Management Setting Log	• • •	index 1 2	Username T01020005@bjyz	Account Bind	Course Number	Register Time		Operation
Device Management Storage Management Setting Log	+ + +	1 2	T01020005@bjyz		0			
Storage Management Setting Log	•	2	T01020004@bivz		0	2017–03–16 11:03:35		Edit Delete
Setting	•		101020004@bJyz		0	2017–03–16 11:03:34		Edit Delete
Log		3	T01020003@bjyz		0	2017–03–16 11:03:34		Edit Delete
		4	T01020002@bjyz		0	2017–03–16 11:03:34		Edit Delete
		5	T01020001@bjyz		0	2017–03–16 11:03:34		Edit Delete
FENKE	=							C
Course Management	MODIF	Y TEACHER I	NFORM/					
	Usernar	me T0102000	05@bivz					
Study manage			Grade First High				÷	
School Management		index	Classes					
Device Management			class 1				\$	
Storage Management		¢						
Setting		Subject						
Log	+		Physics Press				¢	
			Peoples Educ	ation Press			\$	
			Cancel	ubmit				

(3) Teaching building management, add classroom& syllabus: after adding classroom, then add timetable and syllabus. (Note: need add timetable firstly, and then add syllabus.)

	FENKE	=								💽 a1
2	Course Management	TIMET	ABLE					s	CHOOL CONFIG IS	S NOT AVAILABLE
Ģ	Teacher Management	Exce	al import 🕇							Back S
٠	Study manage	Exce		Excel template do	wnload					Back
*	School Management -		index	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Class Manage	09	NO1 9:00:00 -							
		0	09:50:00							
	Schedule Management		NO2							
-	Device Management +	. 10 1	1:00:00 - 1:00:00							
ß	Storage Management +		NO3							
٠	Setting +	13	3:00:00 - 3:55:00							
6	Log +									

![](_page_15_Picture_0.jpeg)

#### 4.1.3 School Setting

The school administrator can set those courses publish or not on school setting page, and also can choose the automatic recording way which is according to timetable or syllabus.

	FENKE	=	💽 longyan 👻
Ø	Course Management	SCHOOL SETTING	
ଦ	Teacher Management	First term start time	First term end time
٨	Study manage	2017-02-04	2017-06-06
*	School Management	Second term start time	Second term end time
Ģ	Device Management	2017-09-01	2017–12–31
۵	Storage Management	CoursePublic or not  Private  Not public	Schedule setting 🕢 💿 Summer solstice 🔷 Winter solstice
٠		Recording base on @	Notification setting @
		<ul> <li>Schedule • Timetable</li> </ul>	<ul> <li>Notification O No notification</li> </ul>
Ľ	Log	Save config	

### 4.2 Install and active Microrecord sofware

Step1: Open the website <u>http://fenke.timelink.cn/</u> and click the pic as below and download microrecord software and install in the device.

![](_page_15_Picture_7.jpeg)

Step2: Activate it by using the school administrator's account & password

![](_page_16_Picture_0.jpeg)

![](_page_16_Picture_2.jpeg)

Step3: Select the school buildings and classrooms to be bound

Just select the school buildings and classrooms to be bound, since we have already pre-entered the school buildings' information.

		×
Choose the	binding classroom	
Building:	-	
Classroom	-	
	finish	

#### 4.3 The recording way of school user

(1) The school administrator create id of teachers and students on resource management platform and hand out to teachers and students. It will realize the full automatically record courses because of having input syllabus. After over the class, the recording files will upload to the teacher's account, and teacher can log in fenke website and check it.

![](_page_17_Picture_0.jpeg)

Click the logo of microrecord software, then can see preview the handwriting.

![](_page_17_Picture_2.jpeg)

(3) The method of binding RFID card with record course ID:

- The function applies to the IWB All-In-One, if the device is not IWB All-In-One, can not realize the function.
- Binding method: Click the corn of microrecord software, and then click" Binding", according to the hint to finish binding.

![](_page_18_Picture_0.jpeg)

![](_page_18_Picture_1.jpeg)

(4) When time to over class, the microrecord software will remind automatically over class, according to set timetable. If the teacher wants to go on, just click "continue, and it will remind you to over class before the next class begin.

Note: When class id over, the recording files will upload to cloud server automatically.

If there is something wrong with microrecord software or there is no power of device,

The recording files will save in local files. After reopening the microrecord software, the recording files will upload to cloud server.

#### 4.4 Check course by school user

About recorded courses, teachers and students can log in the website of fenke by user name and password to skim courses, teachers can their own courses, students can check all courses of their classes.

![](_page_19_Picture_0.jpeg)

	Personal       Campus         Timelink University01       Replace         School user       School user         Password       Forget Password         Login		
			Chinese English
<b>F</b> FENKE		Search	(2) (2) 陈爱红 -
Course Information / 高三/8班/数学/人民教育出版社			
in the state of t	三/8班/数学/人民教育出版社 <sup>©</sup> lysz s: late Time:2017-05-23   Course Count:11 Favored(0)   <mark> </mark>	Integral:0 Integral:0	Already Owned
Contents			
1 2017-05-23(高三/8班/数学/人民教育出版社)		00:43:36	Free
2 2017-05-22(高三/8班/数学/人民教育出版社)		00:45:06	Free
3 2017-05-16(高三/8班/数学/人民教育出版社)		00:39:14	Free
4 2017-05-15(高三/8班/数学/人民教育出版社)		00:56:02	Free

# 4.5 Relevance way of school user and personal user

School user id can bind with personal user id, and then the course of school user id can synchronize with the personal account to realize the edition, order of course.

![](_page_20_Picture_0.jpeg)

					Chinese English
FENKE				Search Q	Jacy - Cart(0)
Profile / Basic Information					
My Learning My Lecture View Histor	ry My Collection My Order	Profile			
School user binding	School user binding				Add binding account
Basic Information     Avatar Setting	Username	Nickname	School	Operate	
Security Setting		No Re	scord		
<ul> <li>Third Auth Login</li> </ul>					
School user binding					