

Introduction

International Version of **Accounting System** runs under WINDOWS95/98/ME/2000/XP, which are 32-bit operating systems. The software can automatically recognize the setting of Country/Region option on WINDOWS system.

According to the call pricing rates, **Call Accounting System** provides users with the latest pricing rates, discounts of international call and domestic call. Furthermore, users can revise the charges parameter of the system any time.

Call Accounting system is applicable to all kinds of corporates. At the same time it provides users with outstanding call system monitoring and call pricing rates management. Till now, the software has been used in a lot of governments, banks, hotels, enterprises, and armies

Features of **Call Accounting System**

- Multi languages support (English, Arabian, simplified Chinese, traditional Chinese and Vietnamese), to recognize system language automatically;
- Friendly operation interface, to install easily, to operate easily and to maintain easily;
- To provide the router dialing processing, can user-defined pricing rates any time according to.
- To support the network operation, setup and inquiry, to realize data sharing.
- To provide hotel check-in, check-out, paying deposit and warning system; To support multi-operators work together; to provide the interface of hotel management system.
- Include more than 200 PBX mode.

ALCATEL	AT&T	BELL	Commex
ERICSSON	Fujitsu	GoldStar	HAX
HJD	Iwastu	Lucent	Mitel
NEC	Nitsuko	NORTEL	OKI
Panasonic	Philips	Samsung	SIEMENS
Taiko	TOSHIBA	WESUN

System requirements Operating system: Windows 95/98/2000/XP

Processor: 586 or above

Memory: 128Mb Ram or above

Hard disk Space: 1Gb or above

The required memory depends on the quantity of PBX extensions.

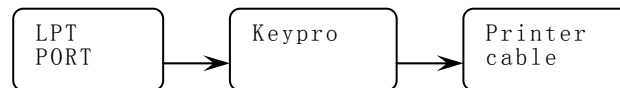
Extension Quantity	Memory
<100	64Mb
100-300	128Mb
300-500	512Mb
500-1000	1G

Software Quick installation Guide

1. Software Installing steps

1.1 Install Software Keypro (Software Dog)

LPT Keypro: Turn off computer, Plug dog to LPT port (Printer port or parallel port)



USB Keypro: If “USB” Keypro must plug into “USB” port after software Installation.

1.2 Connect PBX to PC Connect PBX to PC with suitable cable.

1.3 Install Call Accounting System software

Insert CD with label Call Accounting System, Setup will start automatically.
The default install directory is c:\Telephone Billing System

Click the telephone billing system icon on desktop to run system.

2. Software Quick configuring

Prompt: The default Admin password is 88888

Step 1: PBX Setting

Click “System” Button, into “PBX Setting” page

1. choose the PBX brand type
2. Setting **COM A port, Baud Rate, Verify, Bits, Stop bits**, same by PBX. the Default parameter is different , Must setting same with PBX. Can choose the COM A port or TCP/IP mode connect to PBX.
3. Save the setting, If receive the PBX raw data, Bill Monitor can showing right Bill list, It's work OK; If Can't showing the Bill in the Monitor, please Into **PBX Format Editor**, Setting the PBX Para



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4. If the CAS Monitor can't showing Charge list, The 'Run info' had clue on the error, need setting the PBX Para by user-defined.

Sample:

PBX Bill Editor

Menu: Raw Bills | Send Window | PBX Para | PBX Para ii

Fields:

- DATE: 12/13/99 03:18PM 1606 11
- Start time: [Empty]
- EXT: [Empty]
- TRK: [Empty]
- Dial No.: 5978625
- Duration Time: 00:01:25
- Auth Code: 123456

ASCII Code | ☐ Hex Mode

ASCII Code List:

- <001>49[1] <002>50[2] <003>47[/] <004>49[1] <005>51[3] <006>47[/] <007>57[9]
- <008>57[9] <009>32[] <010>48[0] <011>51[3] <012>58[:] <013>49[1] <014>56[8]
- <015>80[P] <016>77[M] <017>32[] <018>49[1] <019>54[6] <020>48[0] <021>54[6]
- <022>32[] <023>49[1] <024>49[1] <025>32[] <026>32[] <027>32[] <028>53[5]
- <029>57[9] <030>55[7] <031>56[8] <032>54[6] <033>50[2] <034>53[5] <035>32[]
- <036>32[] <037>32[] <038>32[] <039>32[] <040>32[] <041>32[] <042>32[]
- <043>32[] <044>32[] <045>32[] <046>32[] <047>48[0] <048>48[0] <049>58[:]
- <050>48[0] <051>49[1] <052>58[:] <053>50[2] <054>53[5] <055>32[] <056>32[]
- <057>32[] <058>32[] <059>32[] <060>32[] <061>32[] <062>32[] <063>49[1]
- <064>50[2] <065>51[3] <066>52[4] <067>53[5] <068>54[6] <069>32[] <070>32[]
- <071>32[] <072>32[] <073>32[] <074>32[] <075>32[] <076>32[] <077>32[]
- <078>32[] <079>32[] <080>32[] <081>13[] <082>10[]

Buttons: Capture, Refresh, Print, Append ASC13, Loop test number, Stop, Loop Test, Save Raw File, Append ASCII, Return

PBX Bill Editor

PbxPara3

Raw Bills **Send Window** **PBX Para** **PBX Para ii**

PBX Model: **PANASONIC TD88-II** Alias:

Class: **PANASONIC** Mark -> **6** Mark Symbol: **47**

Len: **82** End Symbol: **1310** Phone -> **18/4** Trk -> **23/2**

Outcode: **NO** Dialnum -> **26/20** DurationType: **1**

Year -> **7** Month: **1** Day -> **4** Hour -> **10** Min -> **13**

Sec -> **0** AMPM -> **15** DurHour -> **47** DurMin -> **50** DurSec -> **53**

Incoming Mark: **27/1** Incoming -> **<** AuthorCode -> **63/6**

InterCall: InterCall Mark: InterCallDialPos:

Incoming No Answer Pos: **78/2** Incoming No Answer Mark: **NA** CallerId Pos: **30/15**

SmsPos: SmsMark: Uselessline Mark:

Save RAW: **Month**

Verify Ext: Verify Trk: Verify repeated bill: **N**

COM HandShaking: **2** DisableNull: **Y** IncExchExtTrk:

BCD Code: FeedbackCyc(S): Feedback:

COM Parity Handle: **N** TransferPos: **78/2** TransferMark: **TR**

TCP/IP Protocol: Preprocess Pos: Preprocess CMD:

PrintPBX Para **PBX Rename** **PBX Delete** **Save** **Return**

CAS can't work fine, can't receive the Data have some maybe

A. If the PBX format editor have receive the PBX raw data, Can see the EXT, Dial NO, Duration time, Start time, That's explain the Com A setting is right, Is the PBX type Para not choose right.

Solve: Can choose the PBX type B, Type C testing.

Note: choose the different PBX type, the default COMA parameter is different, need Resetting it same PBX. If all can't showing the Charger list in the CAS monitor, Please setting the PBX Para by user-defined.

B. If can receive the Data, But can't see the EXT, Dial NO, Duration time.. is not correct data,

Solve: Need resetting the Com A parameter: **Baud Rate, Verify, Bits, Stop bits**, Must setting same with PBX; or can via support Terminal tool testing how can receive the Data, If the tools can receive it, please record the Auto detector will showing right **Baud Rate, Verify, Bits, Stop bits**, setting it parameter in CAS, can work OK

C. If can't receive any data,

Solve: 1. Maybe is COM port connector line have problem

2. the connector line is not right for This PBX

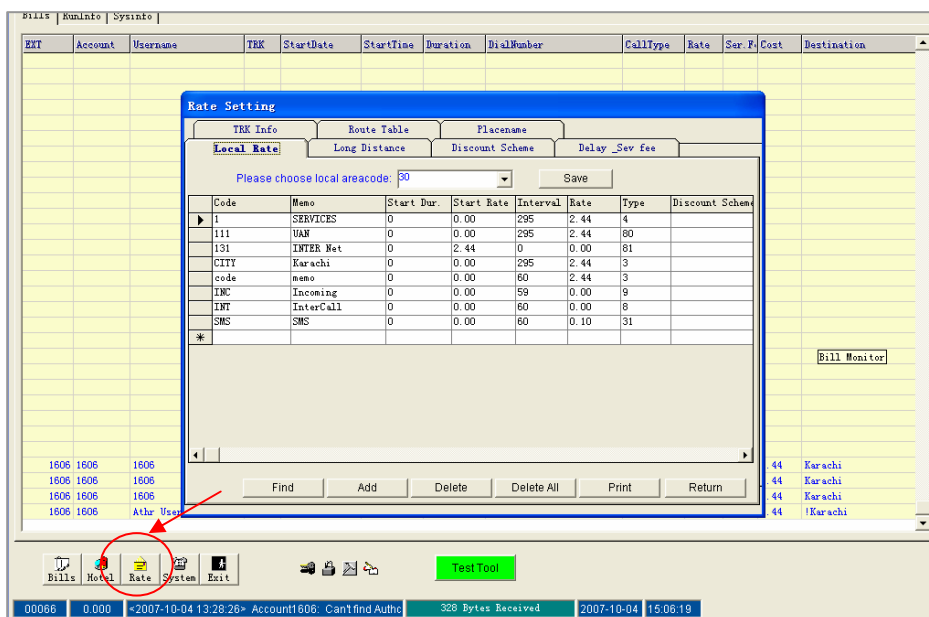
3. COM A parameter is not setting right same PBX,

4. the PBX can't output the bill raw, please checking the PBX or Computer COM port.

Checking the PBX connector line, COM port is Correct, If the line is right all can't receive any data, need use other PC testing, If same, that's PBX have problem, please checking the PBX out put setting.

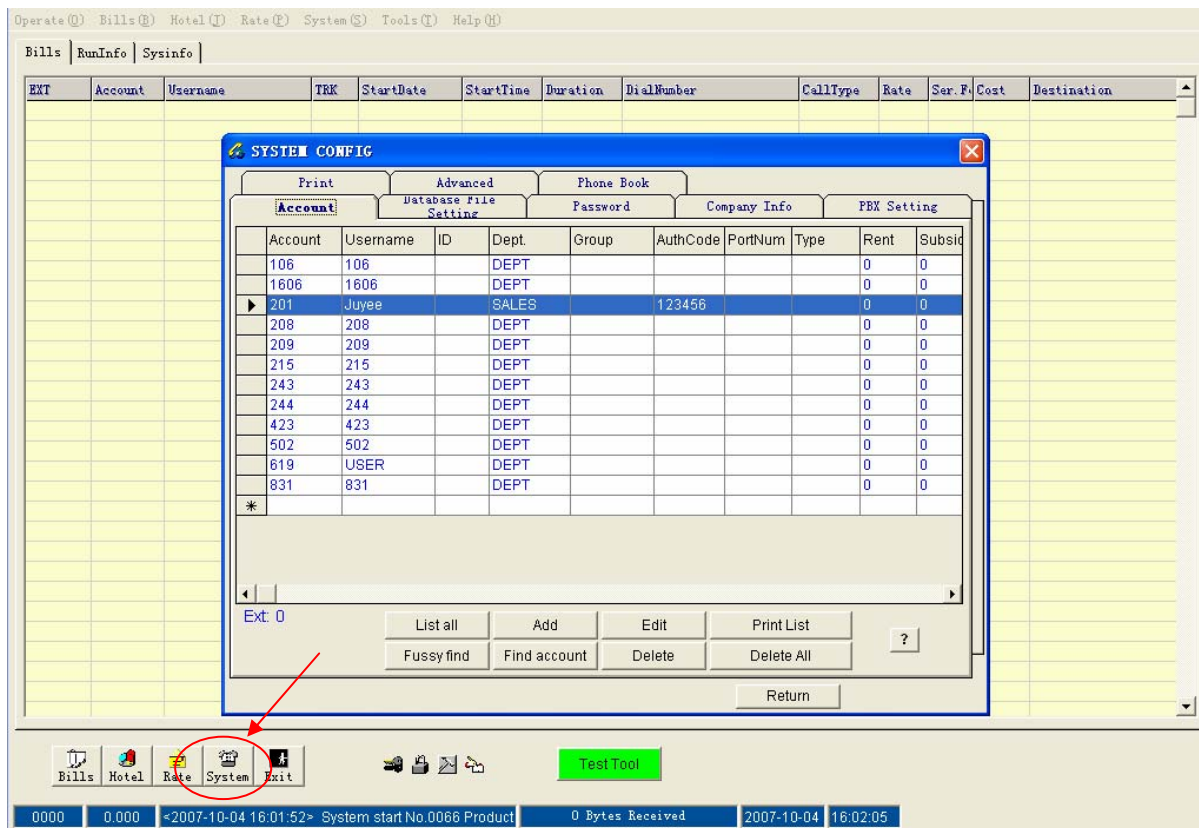
Step 3. Setting Rate

Into Rate Button, you can see the same this photo



1. Input or choose the local Area code and Save it, system can showing the local rate; the default rate is not right, please adding new & change the city code rate by user-defined.
2. Setting the '**Long distance**' Rate, Because the System default Rate is not same your city rate

Step 4. Setting EXT Account list



1. System Can Auto adding the EXT infor, If the Ext have used.
2. support ADD new Ext by batch 100-199(system will Auto creating 100 piece EXT NO.)
input "108,110,119 "Three EXT to Account at one time.

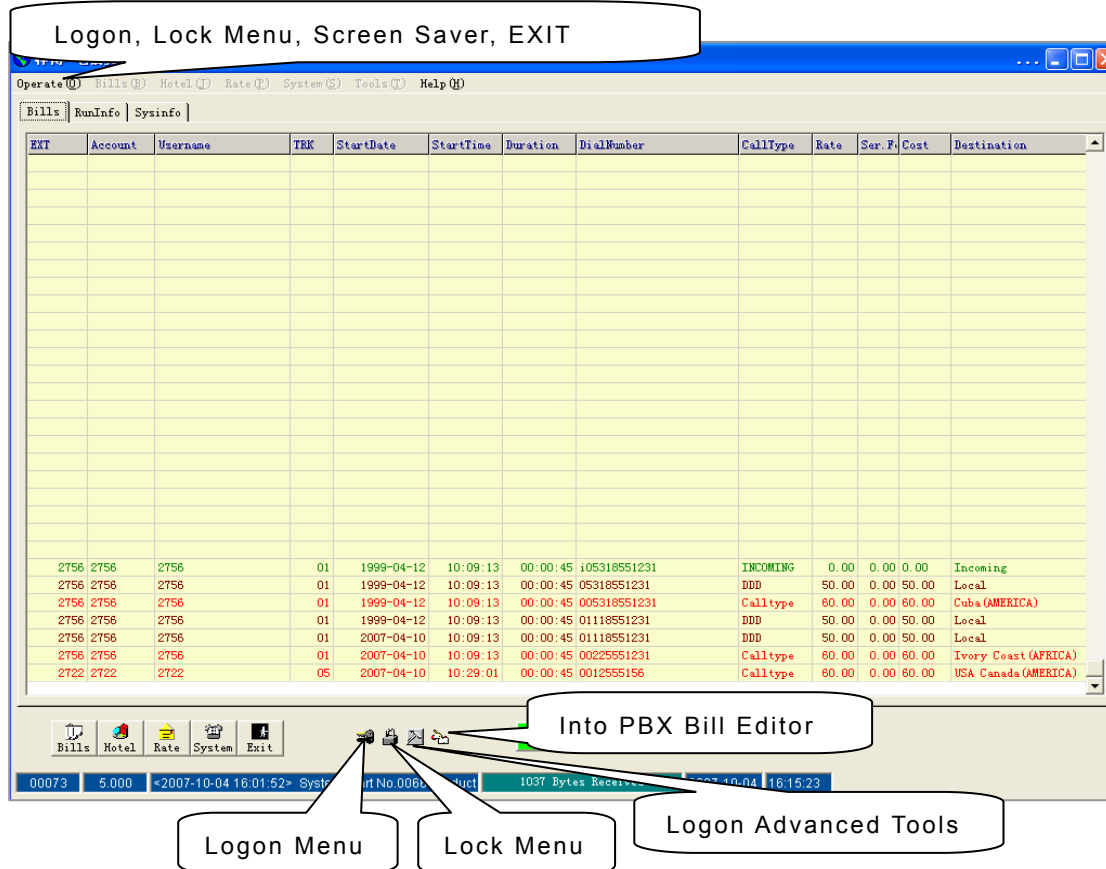
Step 5. Checking the PC Time

If is Hotel Customer charge, Must checking the PBX Date, Time same with the PC, If the Time is discrepancy few The hotel checking out can't right.

Software Operation

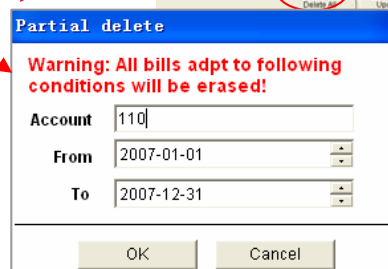
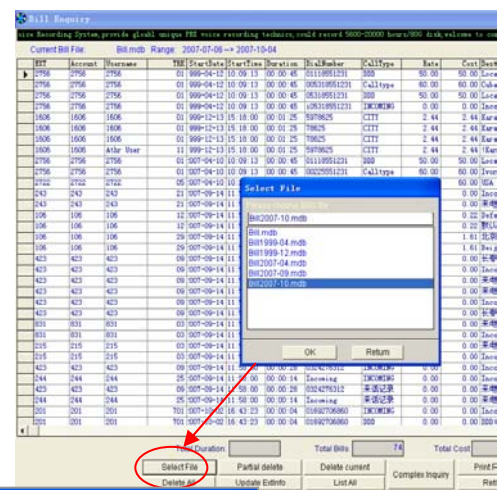
4.1 CAS software Monitor interface

System have 5 function shortcut button: Bills、Hotel、Rates、System、Exit。System Default logon password is : 88888



4.2 Charge Bill list Inquiry & Report

- Select files:** Can open the old month bill database Bill2007-10.mdb
- Delete all :** Delete all Bill history list
- Delete Current:** Delete the cursor Current one bills.
- Update EXTinfo:** All bill list than new EXT account setting refresh.
- Print Result:** Printer the all bill list.
- Partial Delete:** Can choose the EXT.Strat time , End time delete the choose bill list
- EXIT:** Return the Bill Monitor



H. Complex Inquiry

Support Powerful database Search on **Account(EXT)**, **Username**, **Dept**, **TRK**, **AuthCode**, **Duration**, **Call Type**, **Starttime**, **EndTime**, condition Inquiry & out put the Report list.

Current Bill File: Bill.mdb Range: 2007-07-06--> 2007-10-04

EXT	Account	Username	TRK	StartDate	StartTime	Duration	DialNumber	CallType	Rate	Cost	Destination	Ser. Fee	SN	Remark
2756	2756	2756								0.00	Local	0.00	70	
2756	2756	2756								0.00	Cuba(AMERICA)	0.00	69	
2756	2756	2756								0.00	Local	0.00	68	
2756	2756	2756								0.00	Incoming	0.00	67	
1606	1606	1606								44	Karachi	0.00	64	
1606	1606	1606								44	Karachi	0.00	63	
1606	1606	1606								44	Karachi	0.00	65	
1606	1606	1606								44	Karachi	0.00	66	
2756	2756	2756								0.00	Local	0.00	71	
2756	2756	2756								0.00	Ivory Coast(A	0.00	72	
2722	2722	2722								0.00	USA Canada(AM	0.00	73	
243	243	243								0.00	Incoming	0.00	11	
243	243	243								0.00	来电显示	0.00	3	
106	106	106								22	Default City	0.00	12	
106	106	106								22	默认市话	0.00	4	
106	106	106								61	北京	0.00	6	
106	106	106								61	Beijing	0.00	14	
423	423	423								0.00	长春	0.00	1	
423	423	423								0.00	Incoming	0.00	19	
423	423	423								0.00	来电显示	0.00	5	
423	423	423								0.00	来电显示	0.00	2	
423	423	423								0.00	Incoming	0.00	13	
423	423	423								0.00	长春	0.00	0	
831	831	831								0.00	来电显示	0.00	7	
831	831	831								0.00	Incoming	0.00	15	
215	215	215								0.00	来电显示	0.00	8	
215	215	215								0.00	Incoming	0.00	16	
423	423	423								0.00	Incoming	0.00	18	
244	244	244								0.00	Incoming	0.00	17	
423	423	423								0.00	来电显示	0.00	10	
244	244	244								0.00	来电记录	0.00	9	
201	201	201								0.00	Incoming	0.00	29	
201	201	201								0.00	DDD(InDelay)	0.00	31	

Total Duration: Total Bills: 74 Total Cost: 343.42

Select File Partial delete Delete current Complex Inquiry Print Result

Delete All Update ExtInfo List All Return

Account support batch Condition Search: Input 100,101,123 or 100-119

- **Show Result:** Show call list according to all entered or selected conditions above.
- **Print Report:** Show a following reports style list for you to choose.

Choose one report style and click on **Preview** to show report according to previous selected or inputted conditions.

Please choose report style

03 Ext/Dept Cost Detailed Report

01 Bill List (group by User/Dept)
02 Ext/Dept Cost Report
03 Ext/Dept Cost Detailed Report
04 EXT Cost Report
05 Bills List in order(No preview)
06 Department Cost Report
07 Workgroup Cost Report
08 Workgroup/Ext Cost Report
09 Dialnumber Report
10 Invoice
11 Ext Cost Scrip

☐ Filter Zero-subtotal rows(Suitable for report 02,03,04,10,11)
☐ Double print(Suitable for report 10,11)

Preview Cancel

3. Ext/Dept Cost Detailed Report_print sample

03.txt - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

Ext/Dept Cost Detailed Report

Search Range: 2006-10-23 --> 3001-08-23 Print Date: 2007-10-04

SN	Account	Username	IDD	DDD	Mobile	IP	Info	Local	City	Count	Duration	Sum	Rent	Subsidy	Total
Dept.: DEPT															
001	106	106	0.00	3.22	0.00	0.00	0.00	0.00	0.44	4	0:06:10	3.66	0.00	0.00	3.66
002	1606	1606	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:00	0.00	0.00	0.00	0.00
003	208	208	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	0:00:30	0.00	0.00	0.00	0.00
004	209	209	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	0:01:42	0.00	0.00	0.00	0.00
005	215	215	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:38	0.00	0.00	0.00	0.00
006	243	243	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:34	0.00	0.00	0.00	0.00
007	244	244	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:28	0.00	0.00	0.00	0.00
008	2722	2722	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0:00:45	60.00	0.00	0.00	60.00
009	2756	2756	60.00	50.00	0.00	0.00	0.00	0.00	0.00	2	0:01:30	110.00	0.00	0.00	110.00
010	423	423	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0:03:14	0.00	0.00	0.00	0.00
011	502	502	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:00	0.00	0.00	0.00	0.00
012	619	USER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:00	0.00	0.00	0.00	0.00
013	831	831	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:44	0.00	0.00	0.00	0.00
Dept. Subtotal			120.00	53.22	0.00	0.00	0.00	0.00	0.44	23	0:16:15	173.66	0.00	0.00	173.66
Dept.: SALES															
014	201	Juyee	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	0:02:20	0.00	0.00	0.00	0.00
Dept. Subtotal			0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	0:02:20	0.00	0.00	0.00	0.00

04. EXT Cost Report_print Sample

04.txt - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

EXT Cost Report

Search Range: 2006-10-23 --> 3001-08-23 Print Date: 2007-10-04

SN	Account	Username	Dept.	IDD	DDD	Mobile	IP	Info	Local	City	Sum	Rent	Subtotal
001	106	106	DEPT	0.00	3.22	0.00	0.00	0.00	0.00	0.44	3.66	0.00	3.66
002	1606	1606	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
003	208	208	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
004	209	209	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
005	215	215	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
006	243	243	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
007	244	244	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
008	2722	2722	DEPT	60.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00	60.00
009	2756	2756	DEPT	60.00	50.00	0.00	0.00	0.00	0.00	0.00	110.00	0.00	110.00
010	423	423	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
011	502	502	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
012	619	USER	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
013	831	831	DEPT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
014	201	Juyee	SALES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total			Ext: 14	120.00	53.22	0.00	0.00	0.00	0.00	0.44	173.66	0.00	173.66

06. Department Cost Report_print sample

06.txt - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

Department Cost Report

Search Range: 2006-10-23 --> 3001-08-23 Print Date: 2007-10-04

SN	Dept.	IDD	DDD	Mobile	IP	Info	Local	City	Sum	Rent	Subtotal
001	DEPT	120.00	53.22	0.00	0.00	0.00	0.00	0.44	173.66	0.00	173.66
002	SALES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grand Total	120.00	53.22	0.00	0.00	0.00	0.00	0.44	173.66	0.00	173.66

09. Dialnumber Report

09.txt - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

Dialnumber Report

Search Range: 2006-10-23 --> 3001-08-23 Print Date: 2007-10-04

SN	DialNumber	CallType	Destination	Rate	Count	Cost
0001	Incoming	来话记录	来电显示	0.00	4	0.00
0002	5637804	市话	默认市话	0.11	2	0.44
0003	0324276312	国内长途	长春	0.00	2	0.00
0004	0324276312	来话记录	来电显示	0.00	6	0.00
0005	01692706860	DDD	From201DDD(InDelay)	0.00	21	0.00
0006	01692706860	来话记录	来电显示	0.00	14	0.00
0007	0169270686	DDD	DDD(InDelay)	0.00	4	0.00
0008	016927068	DDD	DDD(InDelay)	0.00	4	0.00
0009	01118551231	DDD	Local	50.00	1	50.00
0010	01063156129	国内长途	北京	0.07	2	3.22
0011	00225551231	Calltype	Ivory Coast (AFRICA)	60.00	1	60.00
0012	0012555156	Calltype	USA Canada (AMERICA)	60.00	1	60.00
0013	0/02 16:43:23	DDD	DDD(InDelay)	0.00	4	0.00
	Grand Total				66	173.66

12. Ext/Dept Cost Detailed Report_support Output TXT files

12.txt - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

Ext/Dept Cost Detailed Report

Search Range: 2006-10-23 --> 3001-08-23 Print Date: 2007-10-04

Dept.:	DEPT										
SN	Account	Username	IDD	DDD	Mobile	IP	Info	Local	City	Count	DurationSubtotal
001	106	106	0.00	3.22	0.00	0.00	0.00	0.00	0.44	4	0:06:10 3.66
002	1606	1606	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:00 0.00
003	208	208	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	0:00:30 0.00
004	209	209	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	0:01:42 0.00
005	215	215	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:38 0.00
006	243	243	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:34 0.00
007	244	244	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:28 0.00
008	2722	2722	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0:00:45 60.00
009	2756	2756	60.00	50.00	0.00	0.00	0.00	0.00	0.00	2	0:01:30 110.00
010	423	423	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0:03:14 0.00
011	502	502	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:00 0.00
012	619	USER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:00 0.00
013	831	831	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0:00:44 0.00
	Dept. Subtotal		120.00	53.22	0.00	0.00	0.00	0.00	0.44	23	0:16:15 173.66
	Dept.:	SALES									

19. TRK Phone List_support output Excel file

Trk Phone List

Print Exit

100% 2 之 3

2007-10-04

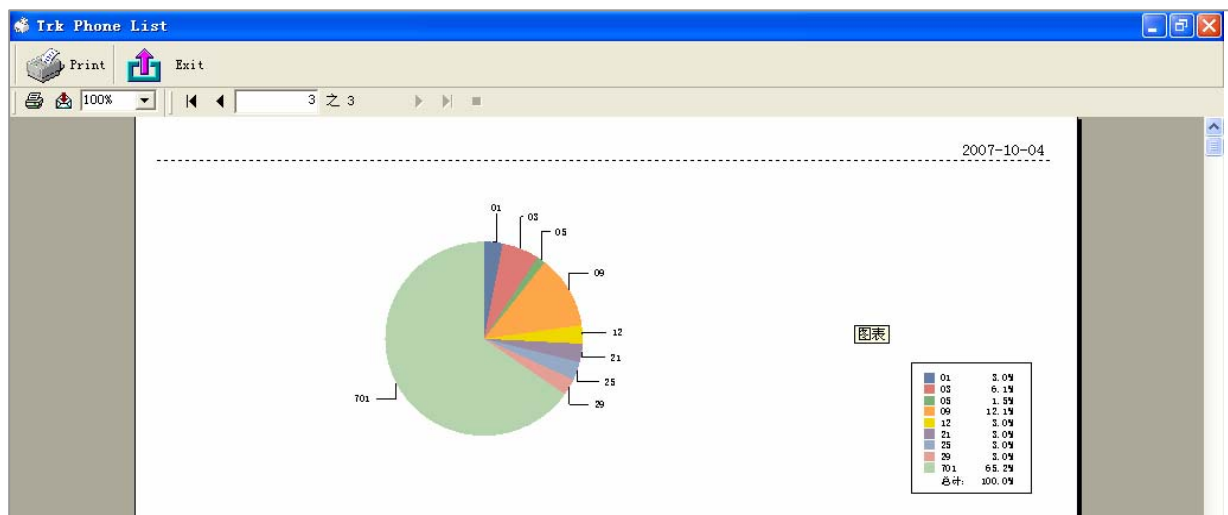
29

Account	Username	Date	Start	Duration	Type	Rate	Cost	DialNumber	Destination
106	106	2007-09-14	11:55:00	00:02:17	国内长途	0.07	1.61	01063156129	北京
106	106	2007-09-14	11:55:00	00:02:17	DDD	0.07	1.61	01063156129	Beijing

Total Bills: 2 Total Cost: 3.22

701

Account	Username	Date	Start	Duration	Type	Rate	Cost	DialNumber	Destination
201	201	2007-10-02	16:43:28	00:00:08	DDD	0.00	0.00	01692706860	DDD (InDelay)
201	201	2007-10-02	16:43:49	00:00:05	DDD	0.00	0.00	0/02 16:43:23 00:0	DDD (InDelay)
201	201	2007-10-02	16:43:28	00:00:04	命令 starttime (字符串)MG	0.00	0.00	01692706860	Incoming
201	201	2007-10-02	16:43:49	00:00:05	DDD	0.00	0.00	0/02 16:43:23 00:0	DDD (InDelay)
201	201	2007-10-02	16:43:28	00:00:08	INCOMING	0.00	0.00	01692706860	Incoming
201	201	2007-10-02	16:43:49	00:00:05	DDD	0.00	0.00	0/02 16:43:23 00:0	DDD (InDelay)
201	201	2007-10-02	16:43:28	00:00:08	INCOMING	0.00	0.00	01692706860	Incoming
201	201	2007-10-02	16:43:49	00:00:05	DDD	0.00	0.00	0/02 16:43:23 00:0	DDD (InDelay)
201	201	2007-10-02	16:43:28	00:00:08	INCOMING	0.00	0.00	01692706860	Incoming
201	201	2007-10-02	16:43:23	00:00:04	INCOMING	0.00	0.00	01692706860	Incoming
201	201	2007-10-02	16:43:28	00:00:08	INCOMING	0.00	0.00	01692706860	Incoming
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	01692706860	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	01692706860	DDD (InDelay)
208	208	2007-10-02	16:43:29	00:00:10	DDD	0.00	0.00	01692706860	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	INCOMING	0.00	0.00	01692706860	Incoming
208	208	2007-10-02	16:43:29	00:00:10	DDD	0.00	0.00	01692706860	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	01692706860	DDD (InDelay)
208	208	2007-10-02	16:43:29	00:00:10	DDD	0.00	0.00	01692706860	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	01692706860	DDD (InDelay)
209	209	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	01692706860	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	01692706860	DDD (InDelay)
209	209	2007-10-02	16:43:23	00:00:10	DDD	0.00	0.00	01692706860	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	016927068	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	016927068	DDD (InDelay)
209	209	2007-10-02	16:43:23	00:00:10	DDD	0.00	0.00	0169270686	DDD (InDelay)
201	201	2007-10-02	16:43:23	00:00:04	DDD	0.00	0.00	016927068	DDD (InDelay)



4.3 Hotel

Hotel window includes: Account, Username, Group, Room status, Rent, Prepay, Start Date(Check in date), and check out log.

Notice: PC clock must set accord to PBX clock to prevent check out time difference.

Check-In (F5)

Enter room number(Extension number), if enter more than one number, separate by “,”. Click “OK”, software will save the check-in info and clear all cost left before. More than one Extension number will create a group name like G_Ext1_Extlast. Check in is not accessory operation, you can only execute check out function.

The screenshot shows the 'Hotel' window with a 'Basic Cost Info' tab. It contains a table with columns: Account, Username, Group, RoomStatus, Rent, Prepay, and StartDate. A 'Check In' dialog box is open, prompting the user to input EXT numbers. The dialog shows 'Pls input EXT number, if check in for a group, pls input EXTs like: 301,302,308,309'. The input field contains '6724,6725,6770'. Below the input field, there are fields for 'Prepay' (set to 0) and 'Group' (set to 'G_6724-6770'). There are 'OK' and 'Cancel' buttons. At the bottom of the main window, there are buttons for 'Open Report File', 'Check In', 'Check Out', 'Unlock EXT', 'Account Info', 'Delete Current', 'Delete All', 'Append Prepay', 'Lock EXT', and 'Return'.

Check-Out (F6)

Choose a extension number or a group.

- A. **Unlock EXT:** Unlock a extension (only part of PBX with PMS).
- B. **Lock EXT:** Lock a extension (only part of PBX)
- C. **Append Prepaid:** If prepaid is running out, click this button to append more prepaid money.
- D. **Delete Current:** Reset cost to 0 to current room pointed by mouse.
- E. **Delete All:** Reset all rooms to cost 0.

The screenshot shows the 'Check out' dialog box. It has fields for 'EXT' (6546), 'Group', and 'Checkin Time' (2004-11-04 11:41:36). Below these is a list of 'CallType' items with checkboxes and costs: IDD (0次, 0.00), Mobile (0次, 0.00), DDD (0次, 0.00), IP (0次, 0.00), Info (0次, 0.00), Local (0次, 0.00), City (1次, 0.00), and Rent (checked, 0.00). At the bottom, there are fields for 'Sum' (0.00), 'Prepay' (0.00), and 'ShouldPay' (0.00). There are also checkboxes for 'Print Invoice' and 'Print Bills', and buttons for 'Details', 'Check Out', and 'Cancel'.

4.4 Rate

4.4.1 Local Rate

Step 1: How to set co Tariff Tables?

Go System -> Advance -> Country or Area,

Choose your region, if your region is not in drop-down list, choose OTHER, will load your long distance rates or blank long distance rates.

Step 2:

Go Rates -> Local Rates -> **Please choose local area code**, input or choose your local area code, click on **Save**.

Note: Rate file name samples.

XX_E_Rate.mdb (blank long distance Rates)

XX_E_Area.mdb (blank local Rates)

TW_E_Rate.mdb (Taiwan long distance Rates)

TW_E_Area.mdb (Taiwan local Rates)

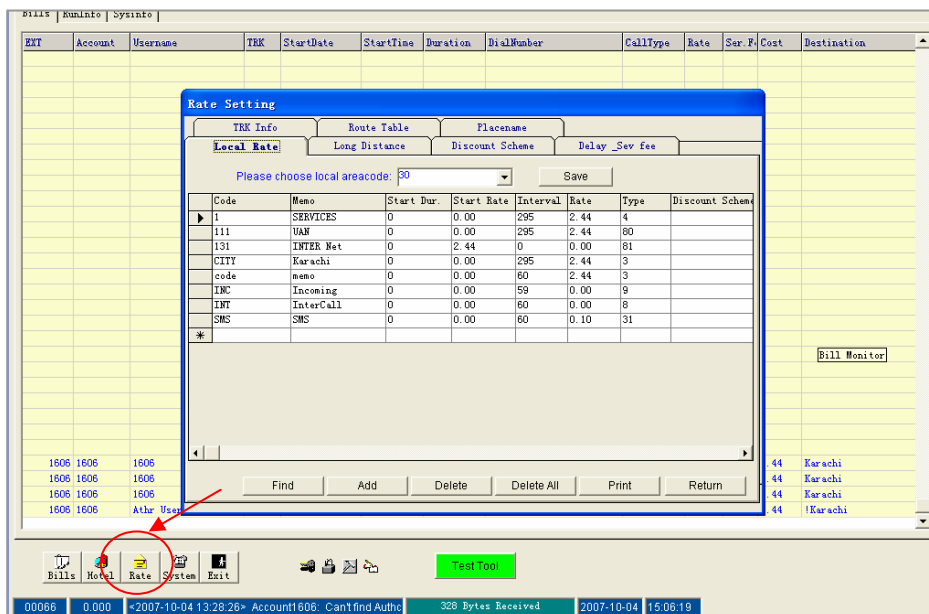
Step 3:

If the rates list in **local Rates and long distance** is blank, you have to input your rates, Email us files:

XX_E_Area.mdb (local rates file)

XX_E_Rate.mdb (long distance rates file)

Or send us your rates table to us to preset for you.



Welcome to send your local rates table to us, we can preset your local country or city rates in Call Accounting System.

4.4.2 Long distance

Long Distance support more IDD/DDD standard Rate , support User-defined.

Memo	Start Dur.	Start	Start Rate	Interval	Rate	OverlapRa	Discount	CallType
Local	0	0	0.00	59	50.00	NO	NO	1
IDD	0	0	0.00	59	60.00	NO	NewDDD	0
Syria	0	0	0.00	59	500.00	NO	NO	0
Mobile	0	0	0.00	59	250.00	NO	NO	7
*								

4.4.3 Discount Scheme

- Support User-defined setting the IDD/DDD standard Rate discount by H0-H23 time.
- **1= no discount 0.6 = the source Rate *0.6 discount**
- The Holiday Discount Scheme setting is adding the ABC_H
- The Weekend Discount Scheme Setting is adding the ABC_W
- **Long Distance ' Discount ' input the new Discount Scheme name**

Discount Scheme	H0	H1	H2	H3	H4	H5	H6
DDD	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NewDDD	0.6	0.6	0.6	0.6	0.6	1.00	1.00
NewDDD_H	0.5	0.5	0.5	0.5	0.5	0.8	0.8
NewDDD_W	0.6	0.6	0.6	0.6	0.6	0.8	1.00
*							

4.4.4 Route Table

This Table can process dial code, can support different dial code via different Rate.

Show Raw Dial Explain:

- Y – Showing raw dial code
- N – Showing Replace with list code
- P – Only showing Route code
- G – This dial code not recorder
- F – Filter this Code

Route	Replace With	Show RawDial	Remark
17971	17909	P	
9		N	Telecom
*			

Sample:

The Bill Dial NO. **001012345678** (the Black font is true Dial NO. the Charge need via 17909 Rate.

1. Need choose **“Enable Route Process”**

1. Need adding New Route in this Table

Route	Replace With	Show RawDial
0	179090	N

2. Adding **179090,1790900** Rate list in the **Long Distance**

The CAS will process the Dial NO. in the Bill monitor **17909001012345678** the Charge is 17909 Rate

Route	Replace With	Show RawDial
0	179090	Y

The CAS will process the Dial NO. in the Bill monitor **00101012345678** the Charge is 17909 Rate

4.4.5 TRK Info

This Table function same the Route Table, but here can support every Trk via the Rate.

The TRK Switch: **“Y” is charge**, **“N” is this TRK not charge & not record the bills** **“K” is this TRK not charge but record the bills.**

If Use TRK Info via Process Route Rate, must cancel choose the Route table “ Enable Route Process”

Rate Setting

Local Rate Long Distance Discount Scheme Delay _Sev fee

TRK Info Route Table Placename

TRK	Inc Number	Switch	FilterHead	Route Mark	Show RawDial	Remark
01		Y			N	
02		Y	0	179090	N	
03		N			N	
04		Y			N	
05		Y			N	
06		Y			N	
07		Y			N	
08		Y			N	
09		Y			N	
10		Y			N	
11		Y			N	
12		Y			N	
13		Y			N	
14		Y			N	
15		Y			N	
16		Y			N	
17		Y			N	

Add Delete Delete All Return

The **02 TRK** is via 17909 Rate charge

The **03 TRK** is not charge & not record the bill in the Database.

4.4.6 Delay_sev fee

This table setting Calltype, charge switch、Delay time, RatePlus,RatePlus%, PercentPlus%, PercallPlus.

Charge expressions :

Each telephone bill amount = basic rate + (the basic rated * percentPlus) + RatePlus

Rate Setting

TRK Info Route Table Placename

Local Rate Long Distance Discount Scheme Delay _Sev fee

Calc mode Delay

Type Code	CallType	Switch	Delay	RatePlus	RatePlus%	PercentPlus%	PercallPlus
0	Calltype	Y	10	0	0%	0%	
1	DDD	Y	10	0	0%	0%	
11	MOBILE DDD	Y	10	0	0%	0%	
3	CITY	Y	5	0	0%	0%	
31	SMS	Y	0	0	0%	0%	
4	LOCAL	Y	5	0	0%	0%	
5	SERVICE	Y	5	0	0%	0%	
6	BP	Y	5	0	0%	0%	
7	MOBILE	Y	5	0	0%	0%	
8	INTERNAL	Y	5	0	0%	0%	
80	BUSINESS	Y	5	0	0%	0%	
81	IP	Y	5	0	0%	0%	
9	INCOMING	Y	0	0	0%	0%	
91	INC NoAn	Y	5	0	0%	0%	

Return

Type code: is default Call type code , can't change.

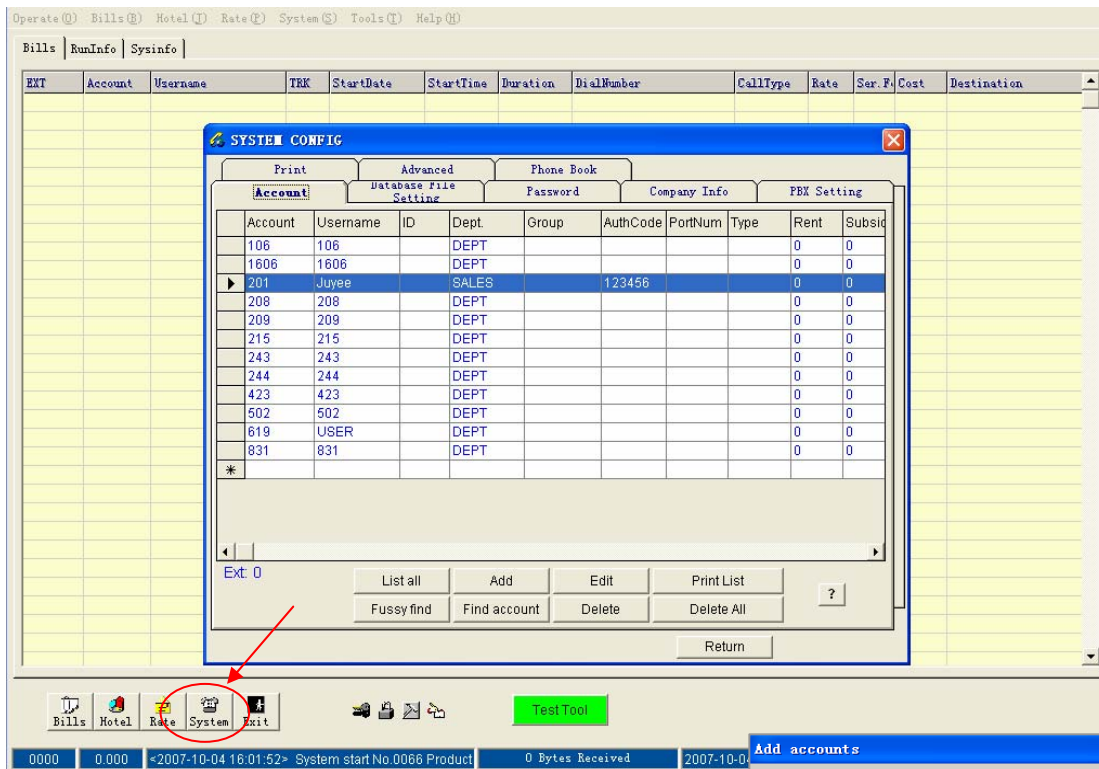
Call type: support change by user-defined

Switch: 'Y' is charge, 'N' is no charge & no record bills

Delay time: The system will reduce the delay time, will be cost time.

4.5 System

4.5.1 Account



1. System Can Auto adding the EXT infor, If the Ext have used.
2. support ADD new Ext by batch 100-199(system will Auto creating 100 piece EXT NO.)
input "108,110,119 "Three EXT to Account at one time.
3. Can setting **Account** , **Username**, **Dept**, **AuthCode**, **Type**(hotel/office), **Rent**, **Subsidy**, **Charge(Y/N)**, **Cost Alarm**.

Auth Code: same the picture, **123456** is Juyee's Auth Code, if her use this Auth Code via other EXT call a phone, System will record this bill is **Juyee** username.

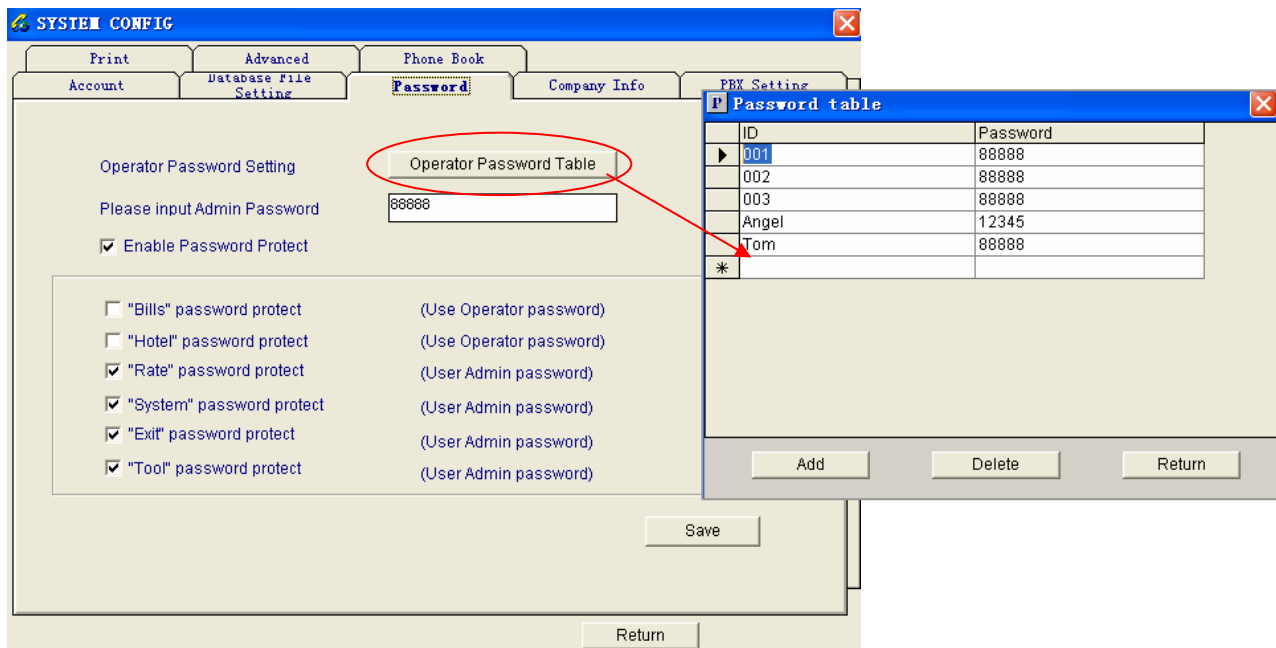
Type: have 2 option, Hotel & Office, If setting the Account is **Office type**, the setting the **RatePlus** in **Delay_sev fee** be of no effect. **Hotel Type** will be cost the **RatePlus**

Cost Alarm: If setting the Alarm the value, this extension telephone surpassed this scope, system will alarm. Has some PBX can be allowed to realize the extension telephone broken line

4.5.2 Password

The operator password table support many operators password (**name, serial number, password**) be checking out in order Hotel function, only logon "Bills " "Hotel" module, cannot make the deletion & EXIT System operation.

The manager password can enter any module (**the default password is 88888**)



4.5.3 Company Info

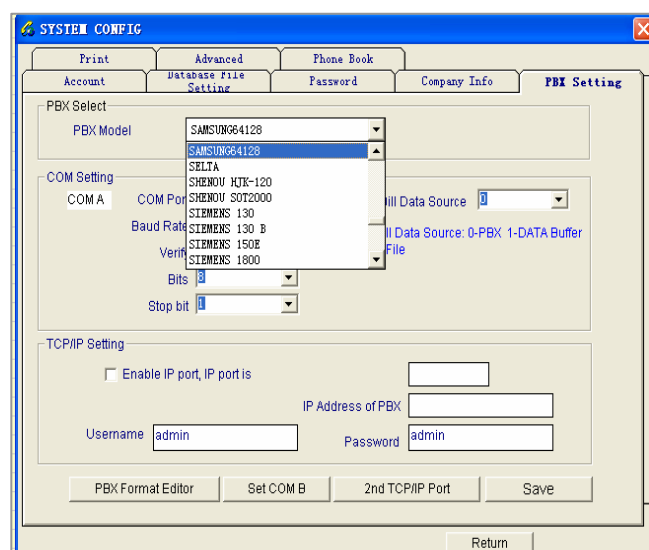
Company: Can adding Customer company name in here, The report will showing it.

Company Type: Hotel/ Enterprise, If choose Enterprise, System will **hide the Hotel module & Hotel Function.**

4.5.4 PBX Setting

Support COM port , TCP/IP mode connect to PBX.

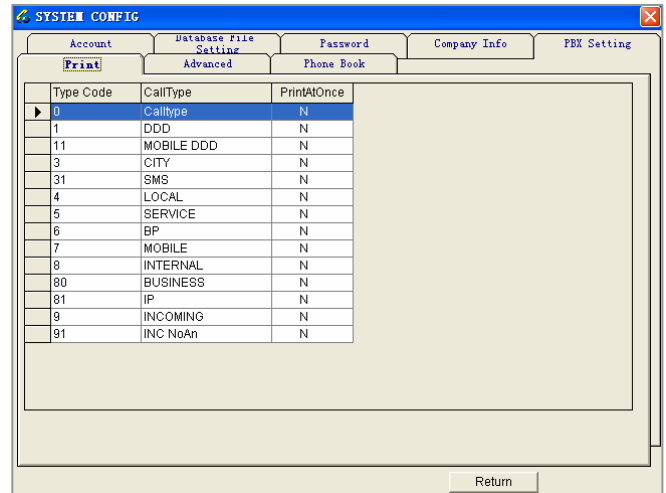
1. choose the PBX brand type
2. Setting COM A port, **Baud Rate, Verify, Bits, Stop bits**, setting same With PBX .
3. Save the setting, into PBX format editor



4.5.5 Print At once Setting

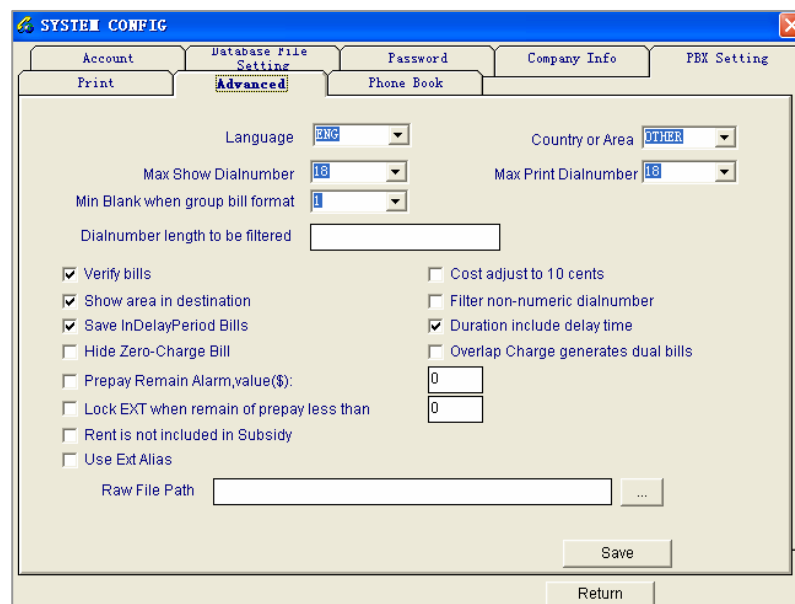
- Support all Call Type immediately print the bill list. Print at once: . Set **Print At Once** to Y according to call type.

In some hotel case, detailed call list of some call type need to be printed on hard copy instantly to prevent data lost.



4.5.6 Advanced

- Language:** default is auto, decides which language will show in software interface. Software will detect system language automatically. Or you can enforce software to show in a specified language.
- Country or area:** Default is other, Decide which rates files will be loaded.
- Max show dial number:** Default is 18, allowed longest dial number to show and log, to prevent reveal pass code information.
- Max Print Dial number:** Default is 18
- Min Blank When group bill format:** Default is 1
- Dial number length to be filtered:** 1,2,3,4, If setting same this, System will Filter 1-4 bit Dial NO. bill list
- Hide Zero-charge Bill:** if a bill is free charged, then will not show on screen.
- Prepay Remain Alarm:** Hotel function, If setting the Value, All EXT go beyond this Value, System will Alarm the EXT Cost



9. **Lock EXT when Remain of prepay Less than:** Hotel Function, If setting the value, All EXT go beyond this value, system will lock the EXT dial out (Note: need PBX support this function, can work)
10. **Rent is not included in subsidy:** Default Cost Rent report is included
11. **Use EXT Alias:**
12. **Raw file path:** System support TXT file mode input the PBX raw to charge, can choose the file path, system Auto reading the TXT file be charge.
13. **Filter non-number dial number:** if choose, system will filter characters in dial number.
14. **Overlap charge generates dual bills:** If choose, IP call type will create two bills, IP/city

4.5.7 Database files Setting

SYSTEM CONFIG

Print | Advanced | Phone Book

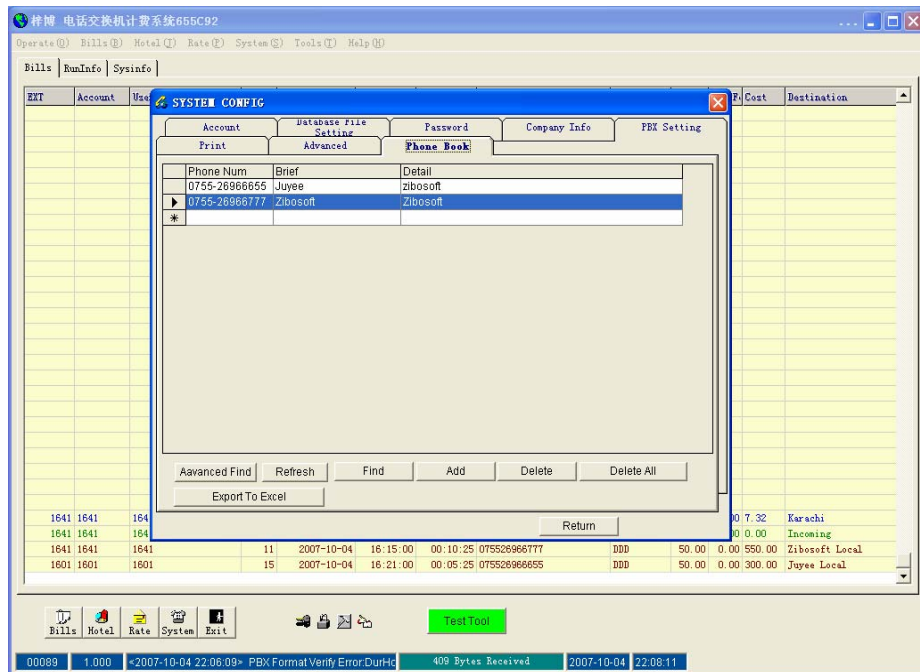
Account | **Database file Setting** | Password | Company Info | PBX Setting

☒ Create Monthly Bill File(BillYYYY-MM.MDB)
☒ Create Monthly Report File(ReportYYYY-MM.MDB)
☒ Save to Main Bill File(Bill.mdb), bills in file keep days: 90
☐ Generates text bill file (Hotelbill.txt) for Hotel system
☐ Generates information for Digital Recorder
☒ Open IP channel to Telephone Voice Recording System
 Enter the destination IP address ,each followed by a semicolon (;) , maximum is 5
 127.0.0.1, 192.168.0.187
 Please input first day of bill: 1
 1 2 3 4 5 6 7 8
 SQL Server
 Save
 Return

- **Create Monthly bill file** (billYYYY-MM.mdb)
- **Creat Monthly Report file**(ReportYYYY-MM.mdb)
- **Save to Main Bill file**(bill.mdb), **Bill in file keep days:** default is 90 days, can setting 180 days
- **Generates text bill file** (hotel bill .txt): for hotel System
- **Open IP Channel to Telephone voice recording System:** Work with TVRS record EXT function
Enter the Destination IP address, each followed by a semicolon(;), maximum is 5 IP address.
 CAS can send the EXT info to the other PC IP address.
- **Please Input first day of the Bill database:** Default is 1, can user-defined

4.5.7 Phone Book

If setting same the Table, System Auto checking the Dial Number showing the Bill Destination in the Bill monitor



4.5.8 How find& report the bill charge by LAN

- A. **Server:** share the **Telephone Billing System** folder by Admin or password with Admin
- B. **Client:** Install the same version CAS software, Via **network neiborhood** running the **share folder \Telephone Billing System \client.exe**; Enter **Bills** can see the all history bill list.