

KNTECH BILLING SYSTEM

Model No.: KNBIS-B1



KNTECH Billing System is a Hardware and software solution which an accounting application that can be utilized to automate and streamline payment services. Organizations may use billing software to make it easier to charge consumers for the services they have received.

KNTECH Billing System is a scalable and flexible billing system design enables you to develop a repeatable payment process to handle recurring bills. You may refer to various types of billing method to help you configure your billing system documentation.

Software Function

1.1.1 Billing function:

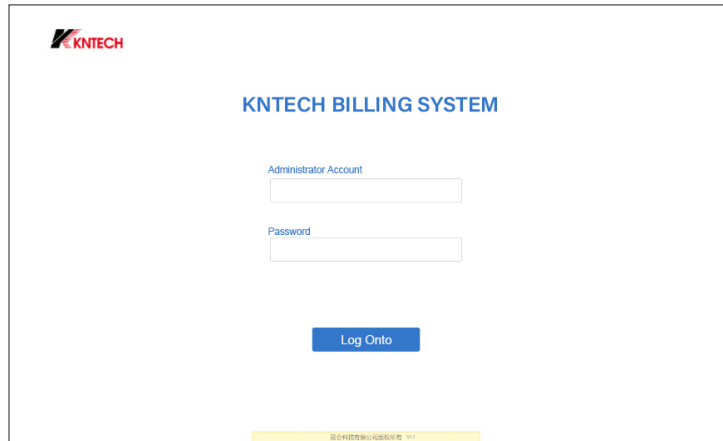
1. For users of this line, various services within the network (within the subway switching network), outside the network, domestic, and international long-distance services are classified and billed in real time according to time segments, and periodic and offline billing functions must be reserved;
2. Relay billing can be performed;
3. Billing method: Set up an independent billing terminal in the control center to conduct real-time centralized billing and management of this network;
4. When the switch system switches between host and standby or is shut down momentarily, the billing system must be able to save and output complete billing information, and no loss of call records is allowed;
5. Long-distance billing for domestic and international long-distance authorized users will be billed using automatic user billing;
6. The billing software requires a good graphical human-machine interface, a good security protection system, and the setting of system software parameters is simple and convenient;
7. Calls between telephone users within the network should adopt a multiple-entry counting method (counted according to the distance and duration of the call). The multiple-entry counting table within the network must be divided into in-network calls, public network calls and special services, and adopt a detailed record billing method;
8. The recorded call records must be in simplified Chinese and must include the calling and called numbers, call duration, call start and end time, call cost and other necessary information;
9. Maintenance personnel can realize billing of call records within the network through function settings;
10. Billing information can be queried, counted and printed out as required by maintenance personnel. The output information must be in Chinese;
11. Support backup and recovery functions for billing system data and user data;

12. All billing information is required to be retained for 3 months, and information more than 3 months can be automatically cleared;

13. If business needs it in the future, the switch must be able to provide the function of charging the called user.

1.1.1.2 Billing function

- The system can charge calls made by users with local, domestic and international long-distance usage rights. It should have regular, immediate and offline charging functions; it should be able to charge based on session length, traffic based or combined billing. The seller shall describe the billing method.
- The network management software (billing terminal) has the function of batch importing basic user information.
- Billing accuracy requirements: When the softswitch equipment adopts time accounting, the billing unit is required to be accurate to 1 second; when flow accounting is used, the accuracy is required to be accurate to one byte; at the same time, the accounting data supports Word or Output in Excel format.



User bill list of the switch												
User(Company/Department/Us		sc										
Billing period:		2023-12-28 00:00:00 至 2024-01-27 23:59:59				Total billed calls:		553		Total billed calls:		3.74
Company/Department/U	No. of users	No. of international long distance calls	International long distance call charges	No. of domestic long distances	Domestic long distance call charges	No. of local calls	Local call charges	No. of calls between networks	Internet phone charges	Total number of calls	Total phone bill	
7003	1	0	¥0.0	0	¥0.0	0	¥0.0	3	¥0.0	3	¥0.0	
7055	1	0	¥0.0	0	¥0.0	0	¥0.0	4	¥0.0	4	¥0.0	
7092	1	0	¥0.0	0	¥0.0	0	¥0.0	7	¥0.0	7	¥0.0	
7094	1	0	¥0.0	0	¥0.0	0	¥0.0	3	¥0.0	3	¥0.0	
7301	1	0	¥0.0	0	¥0.0	0	¥0.0	37	¥0.0	37	¥0.0	
7333	1	0	¥0.0	0	¥0.0	0	¥0.0	3	¥0.0	3	¥0.0	
Dedicated telephone console	1	0	¥0.0	0	¥0.0	2	¥0.44	70	¥0.0	72	¥0.44	
FAX	1	0	¥0.0	0	¥0.0	5	¥1.1	0	¥0.0	5	¥1.1	
Parking lot attendant	1	0	¥0.0	0	¥0.0	0	¥0.0	57	¥0.0	57	¥0.0	
Other professional dispatching in the control center	1	0	¥0.0	0	¥0.0	0	¥0.0	2	¥0.0	2	¥0.0	
Analog telephone 1	1	0	¥0.0	0	¥0.0	1	¥0.22	0	¥0.0	1	¥0.22	
System duty desk	1	0	¥0.0	0	¥0.0	1	¥0.22	10	¥0.0	11	¥0.22	
Traffic attendant	1	0	¥0.0	0	¥0.0	1	¥0.22	13	¥0.0	14	¥0.22	
Traffic attendant	1	0	¥0.0	0	¥0.0	2	¥0.44	73	¥0.0	75	¥0.44	
Dispatch extension	1	0	¥0.0	0	¥0.0	1	¥0.22	23	¥0.0	24	¥0.22	
Dispatcher	1	0	¥0.0	0	¥0.0	1	¥0.22	171	¥0.0	172	¥0.22	
Station AFC Ticket Office	1	0	¥0.0	0	¥0.0	0	¥0.0	3	¥0.0	3	¥0.0	
Station duty desk	1	0	¥0.0	0	¥0.0	0	¥0.0	23	¥0.0	23	¥0.0	
Depot attendant	1	0	¥0.0	0	¥0.0	3	¥0.66	34	¥0.0	37	¥0.66	

User bill list of the switch

User(Company/Department/User)												
sc												
Billing period:	2024-01-18 00:00:00 至 2024-02-28 00:00:00				Total billed calls:	339			(RMB): Total billing amount (RMB)	1,760		
S/N	User	Extension no.	Calling no.	Called no.	Starting time	End time	Call duration	Traffic type	Rate	Phone bill	Explanation	
4323	Dispatcher	7000	7000	7105	2024/01/24 10:50:39	2024/01/24 10:50:53	00:00:14	Internet call	0.0	0.0		
4322	Dispatcher	7000	7000	7104	2024/01/24 10:50:39	2024/01/24 10:50:53	00:00:14	Internet call	0.0	0.0		
4320	Dispatcher	7000	7000	7102	2024/01/24 10:50:39	2024/01/24 10:50:53	00:00:14	Internet call	0.0	0.0		
4319	Dispatcher	7000	7000	7500	2024/01/24 10:50:39	2024/01/24 10:50:53	00:00:14	Internet call	0.0	0.0		
4318	Parking lot attendant	7102	7102	7101	2024/01/24 10:46:52	2024/01/24 10:46:54	00:00:02	Internet call	0.0	0.0		
4317	Dispatcher	7000	7000	7500	2024/01/24 10:46:45	2024/01/24 10:46:52	00:00:07	Internet call	0.0	0.0		
4316	Dispatcher	7000	7000	7102	2024/01/24 10:46:45	2024/01/24 10:46:52	00:00:07	Internet call	0.0	0.0		
4315	Depot attendant	7101	7101	7102	2024/01/24 10:46:33	2024/01/24 10:46:45	00:00:12	Internet call	0.0	0.0		
4312	Depot attendant	7101	7101	927440010	2024/01/24 10:43:48	2024/01/24 10:44:09	00:00:21	Local dial	0.22	0.22	Local dial	
4306	Depot attendant	7101	7101	7102	2024/01/24 09:20:11	2024/01/24 09:20:49	00:00:38	Internet call	0.0	0.0		
4288	Traffic attendant	7087	7087	7088	2024/01/24 08:58:14	2024/01/24 08:58:22	00:00:08	Internet call	0.0	0.0		
4284	Dedicated telephone console	7105	7105	7088	2024/01/24 08:57:47	2024/01/24 08:58:00	00:00:13	Internet call	0.0	0.0		
4280	Traffic attendant	7087	7087	7101	2024/01/24 08:57:09	2024/01/24 08:57:11	00:00:02	Internet call	0.0	0.0		
4276	Traffic attendant	7087	7087	7101	2024/01/24 08:56:15	2024/01/24 08:56:19	00:00:04	Internet call	0.0	0.0		
4274	Traffic attendant	7087	7087	7101	2024/01/24 08:55:45	2024/01/24 08:55:57	00:00:12	Internet call	0.0	0.0		
4271	Traffic attendant	7087	7087	7088	2024/01/24 08:53:55	2024/01/24 08:54:00	00:00:05	Internet call	0.0	0.0		
4270	Traffic attendant	7087	7087	7088	2024/01/24 08:53:45	2024/01/24 08:53:49	00:00:04	Internet call	0.0	0.0		
4265	Traffic attendant	7087	7087	7088	2024/01/24 08:52:30	2024/01/24 08:52:40	00:00:10	Internet call	0.0	0.0		
4264	Traffic attendant	7087	7087	7088	2024/01/24 08:52:20	2024/01/24 08:52:28	00:00:08	Internet call	0.0	0.0		
4259	Traffic attendant	7087	7087	7102	2024/01/24 08:51:16	2024/01/24 08:51:19	00:00:03	Internet call	0.0	0.0		
4250	Parking lot attendant	7102	7102	7103	2024/01/24 08:48:03	2024/01/24 08:48:34	00:00:31	Internet call	0.0	0.0		
4249	Traffic attendant	7104	7104	7103	2024/01/24 08:48:16	2024/01/24 08:48:28	00:00:12	Internet call	0.0	0.0		
4248	Parking lot attendant	7102	7102	7102	2024/01/24 08:47:50	2024/01/24 08:48:01	00:00:11	Internet call	0.0	0.0		
4235	Dispatcher	7000	7000	7103	2024/01/24 08:45:37	2024/01/24 08:45:41	00:00:04	Internet call	0.0	0.0		
4234	Dispatcher	7000	7000	7102	2024/01/24 08:45:37	2024/01/24 08:45:41	00:00:04	Internet call	0.0	0.0		
4233	Dispatcher	7000	7000	7500	2024/01/24 08:45:37	2024/01/24 08:45:41	00:00:04	Internet call	0.0	0.0		
4232	Dispatch extension	7103	7103	7000	2024/01/24 08:45:11	2024/01/24 08:45:37	00:00:26	Internet call	0.0	0.0		
4231	Parking lot attendant	7102	7102	7000	2024/01/24 08:45:02	2024/01/24 08:45:37	00:00:35	Internet call	0.0	0.0		
4229	Depot attendant	7101	7101	7000	2024/01/24 08:44:58	2024/01/24 08:45:31	00:00:33	Internet call	0.0	0.0		
4228	Dispatcher	7000	7000	7500	2024/01/24 08:44:59	2024/01/24 08:45:31	00:00:32	Internet call	0.0	0.0		
4227	Dispatch extension	7103	7103	7500	2024/01/24 08:45:03	2024/01/24 08:45:17	00:00:14	Internet call	0.0	0.0		
4215	Parking lot attendant	7102	7102	7777	2024/01/24 08:40:25	2024/01/24 08:40:43	00:00:18	Internet call	0.0	0.0		
4214	Parking lot attendant	7102	7102	7101	2024/01/24 08:39:54	2024/01/24 08:40:25	00:00:31	Internet call	0.0	0.0		
4212	Parking lot attendant	7102	7102	7103	2024/01/24 08:36:49	2024/01/24 08:37:20	00:00:31	Internet call	0.0	0.0		
4211	Station duty desk	7088	7088	7103	2024/01/24 08:37:07	2024/01/24 08:37:15	00:00:08	Internet call	0.0	0.0		
4210	Traffic attendant	7087	7087	7102	2024/01/24 08:36:34	2024/01/24 08:36:41	00:00:07	Internet call	0.0	0.0		

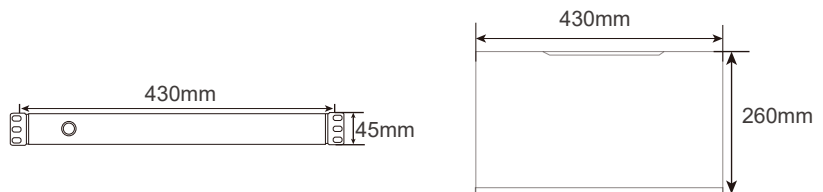
Software Function

Hardware:

Enterprise Linux X86 server platforms

AC:120-340V

SIZE: 430*260*45mm


 Web: www.koontech.com

 Email: marketing@koontech.com

Tel: (HK Office) +852 9068 2799 / (Shenzhen Office) +0086 0755 2744 8753

Shenzhen Office: T3 1001, Yifang Center, Baoan, Shenzhen, China

HK Office: HongKong Office: Unit 2C, 2nd Floor, Ka To Factory Building 2, Cheung Yue Street, Kowloon, Hong Kong

Factory: KNTECH Building, Phoenix Mountain, Limhai Zone, Shajiao Community, Humen, Dongguan, China