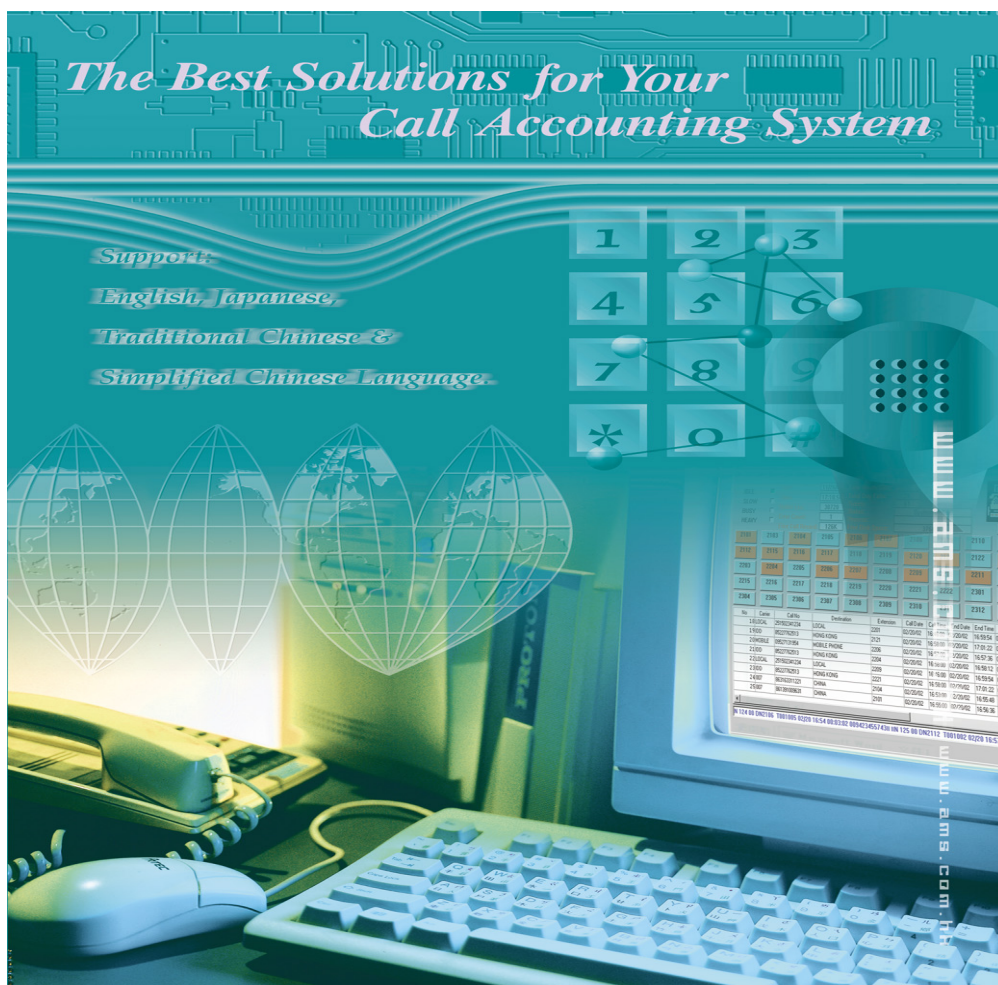


CAS 2000

Billing System



CAS 2000 is an effective management tool that reduces monthly telephone expenses, saves time, establishes control, and enables managers to optimize usage of the telephone system facilities. In short, it will give you the information you need to save money, save time and to make decisions.



▶ **Web Site Service**

User can free download the latest tariff rate from our Web Site.

▶ **Report Scheduling**

Scheduling and batch printing are the best tools to improve productivity. With an easy setup, any monthly, weekly or daily report can be automatically printed at your specified time.

▶ **Call Fraud Detection**

Helps your business to detect any unusual calls in real-time mode by setting the time frame, call number, extension, FAC, trunk number, call type, call duration or call charge. When the call meets the above condition, system will prompt the message and alarm users.

▶ **CAS 2000 for Windows**

CAS 2000 is a technologically advanced, proven and reliable computerized call management software that captures on-line or off-line data directly from a PBX system or a file. CAS 2000 utilizes the latest RDBMS technology and is carefully designed to contain all the functionality that you will ever want for a call accounting system. Performance, data security, multiple site and carrier capability, network compatibility together with a comprehensive array of easy-to-use reports will certainly make CAS 2000 one of the best products on the market.

▶ **Multiple Languages in Single Product**

Multi-language capability is one of the important features in CAS 2000. User can switch between languages with only a mouse click, providing system portability across different countries.

▶ **Captures all calls**

Captures all outgoing local/long distance/IDD, incoming, internal and TIE calls, and accurately costs all calls using the applicable call charge rates, including night, weekend and holiday discount rates.

▶ **Data Auto Backup**

Provides users a secure way to ensure the data is auto-backup daily at a specified time.

▶ **Reporting via Auto E-mail(optional)**

Sending the scheduled reports via e-mail at the user-defined time.

Features

- Supports Microsoft XP/2008/Vista/Win7/Win 8 in both Chinese and English operating system
- Multiple languages in one single product
- True RDBMS database engine with self-recovery mechanism
- Password protection for sensitive functions and data
- Real-time view up to 1000 call detail records in the screen
- Scheduled and batch printing
- Report output to printer, screen or file that can be supported in MS Excel
- Reports for all authorization and Direct Inward System Access PIN or FAC code holders
- Create a report that lists information concerning calls grouped according to the parameters and filters by department, extension, business number, cost charge, call duration, call type, trunk number and etc
- Advanced filtering criteria for report analysis and user-defined reports
- Scheduled database backup
- Call fraud detection
- Auto insert the trunk number
- Redundant data storage, captured calls are stored twice in two separate data files



PC Specification

- Microsoft Windows XP/2008/Vista/Win7/Win 8 operating system
- Pentium4 with minimum 1G RAM
- CD ROM and at least a 120G hard disk
- LAN Card
- one printer port (for report printing) or USB port
- one RS-232 serial port (depends on PBX type)

Tariff

- Multiple carriers and user-defined VPN rate
- Support all world currencies and call costing methods
- Provides 4 time segments for rate
- Provides initial and additional charge for entire call
- The duration adjustment in seconds added or subtracted per call
- The minimum duration of call, any call below this duration will be ignored and will not be saved into the database
- The fixed service charge added to the cost of the entire call
- Setting the different charge scheme for different trunk number
- The markup or markdown percent applied to any type of calls, such local, domestic or IDD calls
- Provides holiday table for discount rate
- Provides user to recalculate all charges at any time when required
- Free download the latest tariff rate from our web Site

Phone Directory

- Provides division, department and extension three-layer structure
- Auto insert the extension number
- Unlimited telephone and fax user support
- Provides search function by extension number, name and FAC
- Prints the internal extension directory, sorted alphabetically, by department, or by extension number

PBX

- Interfaces to any type of PBX or KTS
- Safeguard alarms for hard disk almost full, data line down

Report Name		Description	
Detail Report	☆Department Detail Report	Lists each call for every FAC or extension grouped by department and division. This report may be used to charge employees for personal calls, keep track of telephone costs and spot telephone abuse.	
	☆Extension Detail Report by Extension	Same as above except sorted by extension in ascending order.	
	☆FAC Detail Report	This report lists all phone calls, sorted by FAC, that were placed according to the FAC defined in the FAC table	
	☆Phone Bill Detail Report	Lists detailed calls for each trunk.	
	☆Account Code Detail Report	Account reports are generally used to bill customers or projects, based on the account numbers specified in the PBX database. Service departments or professionals (<i>such as lawyers or accountants</i>) can use the account reports to bill their clients, based on actual telephone usage.	
	☆Call Journal Detail Report	List each call by date and time.	
Summary Report	☆Corporate Summary Report	Show total charges for each division in the organization.	
	☆Division Summary Report	Show total charges for each department grouped by each division in the organization. This report can be used in planning departmental budgets by making it easier to forecast telephone expenses.	
	☆Department Summary Report	Lists the total number of calls, total duration and total charges for every FAC or extension in each department. Totals are printed for each department.	
	☆Extension Summary Report by Dept Code	Same as above except sorted by dept code.	
	☆Account Code Summary Report	The Account Summary Report lists the total calls for each account. The report lists the information by extension for each account number.	
	☆FAC Summary Report	The FAC Summary Report lists the total calls for each FAC defined in the FAC table.	
	☆Phone Bill Summary Report	Summarizes the statistics for each trunk. The report lists the total calls, duration, charge information for each trunk. In addition, it includes grand totals for all of trunks.	
	☆Business Number Summary Report	This report lists all the calls made to the defined business number that are defined in the Business Number table.	
	Administration Report	☆Corporate Cost Allocation Report	Show total charges for each division in the organization and user can enter a pre-defined total charge. System will calculate the allocated percentage and charge for each division in order to make up the pre-defined total charge
		☆Division Cost Allocation Report	Show total charges for each department in the organization and user can enter a pre-defined total charge. System will calculate the allocated percentage and charge for each department in order to make up the pre-defined total charge
☆Top Usage Report		Show extensions that have top usage according to number of calls, total duration or total charge.	
☆Summary Report by Area Code		This report summarized call information grouped by the area code.	
☆24 Hour Traffic Report		This report provides call summary in a 24 hr-format.	
☆Undefined Extension Report		This report lists all phone calls, sorted by extensions that were placed but not charged to a listed department.	

CAS 2000 Main Windows

Traffic:

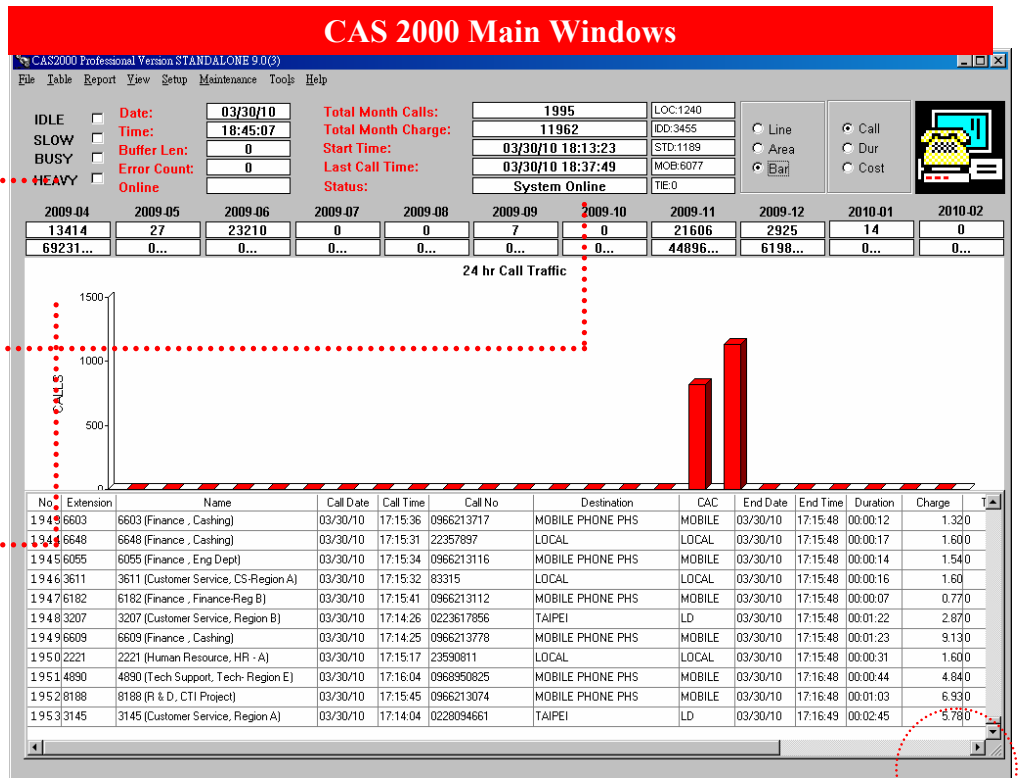
- Green: System idle
- Yellow: Below 5 calls in queue
- Orange: Below 10 calls in queue
- Red: More than 10 calls in queue

On-line Alarm:

1. CDR link is down
2. Disk space below user-defined limit

Display total of calls for past 12-month

Provides graph by calls, duration or total charges, can show by bar-chart, area-chart or line-chart



View up to 1000 call detail records in screen

Call Fraud Alarm Setup

The 'Detect Setup' dialog box allows users to configure call fraud detection parameters. It includes fields for:

- Ext'n No., FAC Code, Trunk No., Call No., Duration, and Charge.
- Carrier selection (LOCAL, LD, IDD, 005, 006, 007).
- Enable/Disable checkboxes.
- A calendar grid for selecting days of the week (Mon-Fri, Saturday, Sunday) and specific days (0-24).
- Buttons for Save, Clear, and Close.

Helps your business to detect any unusual calls in real-time mode by setting the time frame, call number, extension, FAC, trunk number, call type, call duration or call charge. When the call meets the above condition, system will prompt the message and alarm users.

Tariff Table

The 'Zone Based' dialog box is used to set up tariff rates. It includes:

- Fields for GAD, Zone No., and Zone Name.
- A table for defining rates with columns: Standard, Discount, Economy, Special, Init Sec, Init Rate, Addl Sec, and Addl Rate.
- A calendar grid for selecting days of the week (Mon-Fri, Saturday, Sunday) and specific days (0-24).
- Buttons for Save and Close.

- ✓ Provides holiday table for discount rate
- ✓ Provides 4 time segments for rate
- ✓ Provides initial and additional charge for entire call
- ✓ The duration adjustment in seconds added or subtracted per call
- ✓ Setting the different charge scheme for different trunk number
- ✓ The fixed service charge added to the cost of the entire call
- ✓ Provides user to recalculate all charges at any time when required

1. User Selectable Report start and end date
2. Output to screen, printer or file
3. Filter by department, extension, FAC, duration, trunk or call charge
4. Save the report parameters

Filter by department, extension, business number, call charge, call duration, call type, trunk number and etc

Scheduled Printing

Lists User-defined reports

Select scheduled reports

With CAS 2000, you can automatically run reports on a regular basis. The Schedule Print command enables you to select any report listed in the report menu and create a schedule for running it any number of times.

Batch Printing

From the user-defined reports, select reports to do a batch printing

Stay at the Leading Edge of Technology, and put Customers First

CAS 2000 FEATURES		STANDARD VERSION	PROFESSIONAL VERSION
S T A N D A R D	Scheduling Print	N/A	√
	Data Auto Backup	N/A	√
	Extension Number	200	No Limit
	20 type s of reports	√	√
	Support Chinese & English	√	√
	Call Fraud Detection	√	√
O P T I O N A L	Trunk Status Module	Help your business detect any unused trunk to maximize trunk productivity. For each defined-trunk, CAS 2000 will display in main Window real-time trunk update information such as the latest accessed date, time and total day calls. If any trunk's non-active time exceeds user-defined limit, system will prompt trunk information on screen and beep to alarm users.	
	Data Export Module	Allows download of call data to disk in "Print to file" text format, enabling it to be incorporated into database applications.	
	Auto e-mail for reports	Sending the scheduled reports via e-mail at the user-defined time.	
	MS SQL/My SQL Interface	Real-time update the call detail record into Microsoft SQL or MY SQL database to be migrated into customer application	

Product	Description
◆ CAS 2000	Our standard alone call accounting system which is well know for its stability and reliability under different OS platforms such as Windows XP/2008/Vista/Win7/Win 8
◆ CAS NET	CAS 2000 with network database to support multiple users.
◆ CAS IP	It works in conjunction with CAS 2000, CAS MSPS, PMS 2000 to provide a powerful solution to capture call data generated by IP phone systems. CAS IP generates additional network-related information such as caller's and receiver's IP address, and provides a better buffering scheme than traditional PBX systems.
◆ CAS MSPS (Multiple Sites Polling System)	It can integrate any PBX network across a TCP/IP platform, even with different kinds of PBX, by polling call records from multiple sites through your existing network. With all the functionality inherited from CAS 2000, It provides additional features to manage all the remote sites across your network. It is one of the most cost effective solution for consolidating call data and is widely used among today's local and international carriers
◆ CAS WEB	Provides report and phone directory in the IE browser
◆ PMS 2000	It acts as a gateway between PMS HOST and PBX,. It can literally integrate with any Hotel Property Management System worldwide, and depending on the PMS, It can support automatic guest check-in, check-out, wake-up calls, and all other PMS functionality such as text/fax messages notification, telephone bill posting and mini-bar posting.
◆ ACD 2000	ACD 2000(Automatic Call Distribution) is interfaced with the Call Center C2 package under the NORTEL Meridian PBX system. It receives the C2 management reports every hour via RS-232 from PBX, which includes ACD-DN, Trunk, Route and Agents statistics. They can be used to show the efficiency, cost-effectiveness, and productivity of your ACD system.
◆ TFC 2000	TFC 2000 for Windows interfaces with the NORTEL PBX traffic port via RS-232. The information is processed by the TFC 2000 , which outputs the Network Report, Trunk Usage Report, Customer Console Measurements Report and Individual Console Measurements Report. TFC 2000 describes traffic details for each customer group, trunk usage and examines the treatment of calls in customer queues; speed of response, number of call delayed, number of calls abandoned, average wait time of delayed calls, and average wait of abandoned calls.
◆ Custom Modifications	Custom modifications to your special requirements are available upon request from AMS ◦