



Surf Easy Central Access Service

Our award-winning Surf Easy internet billing solutions provide the market with mechanisms for every type of internet billing requirement – from traditional internet cafes, gaming cafes, and kiosks, through to in-room systems, internet access controllers and wireless hotspots.

The Central Access Service provides a billing gateway and user management portal for your wireless hotspot, in-room broadband system, or internet kiosk user terminals

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What is it?

Our Central Access Service (CAS) is our online database and website that allows you to manage and store user accounts, access codes, tickets, revenue data and usage data. CAS also allows you to easily configure and manage your devices and users remotely without having to physically visit each site.

Think of our CAS service as the remote control for your internet billing hardware – it allows you to create and manage user accounts and tickets, and it collects and records all your data for detailed usage and revenue reporting.

Our web based CAS system is incredibly easy to use, even for the computer novice. With online access logs, revenue charting, and user account controls, CAS gives you the ability to achieve more in less time. Plus, our CAS system is fully compatible with all the most popular brands of hotspots, internet access controllers, and our award-winning Surf Easy internet cafe software.

By using our CAS service, you don't need to worry about setting up your own user database, logon pages, billing systems or backup solutions. Our CAS solution provides the entire back-end you need to operate and manage your internet billing, at a fraction of the cost of setting up your own servers.

Key components of CAS include:

- secure user logon and billing pages, all customised and branded with your business identity
- a central database server that stores all your important revenue and user data
- a secure web portal with detailed reports and configuration tools
- radius-based billing and user metering system, with multiple redundant radius servers
- redundant and backup database servers protecting your data 24/7

| Date | Event | User Details | Location | Time Balance | Traffic Balance |
|----------------------------|------------------------|-----------------------|------------------------|-----------------------------|-----------------|
| 18/08/2009 14:26 188454 | LOGON | DARC 001130000 | Box Of Paines | 2 hr 21 to 23 min remain | 3 GB remain |
| 18/08/2009 15:07 188528 | LOGOFF Last Service | WZORHC | Worktop Surf | 27 min used | 3 MB used |
| 18/08/2009 15:08 188519 | LOGON | WZORHC 001140000 | Worktop Surf | 4 hr 14 to 37 min remain | 3 GB remain |
| 18/08/2009 15:08 188515 | LOGOFF Last Service | DMCA | Worktop Surf | 2 hr 42 min used | 65 MB used |
| 18/08/2009 15:09 188484 | LOGOFF Last Service | DARC | Box Of Paines | 120/08/2009 15:09 remain | 3 GB remain |
| 18/08/2009 15:25 188484 | LOGOFF Last Service | BRABERY | Ambience | 5 min used | 10 MB used |
| 18/08/2009 15:25 188484 | LOGON | BRABERY 001130000 | Ambience | 3 hr 34 to 35 min remain | 2 GB remain |
| 18/08/2009 15:25 188484 | LOGOFF Last Service | BRABERY | Ambience | 14 min used | 4 MB used |
| 18/08/2009 15:25 188484 | LOGON | SASPRITE 001130000 | Southport Tourist Park | 20/08/2009 15:25 remain | 2 GB remain |
| 18/08/2009 15:29 188484 | LOGON | SASPRITE 001130000 | Southport Tourist Park | 34 21 to 36 min remain | 2 GB remain |

Screen Shot: User Session Access Log

| Site | Total Sessions | Total Time Used (Hours) | Average Session Time (Hours) | Total Downloads (KB) | Average Downloads (KB) |
|---------------------------------|----------------|-------------------------|------------------------------|----------------------|------------------------|
| Ambience | 269 | 659 | 1.59 | 10.8 | 20.87 |
| Artistic Side | 1 | 0 | 0 | 0 | 0 |
| Box Of Paines | 103 | 292 | 1.86 | 3.78 | 37.48 |
| Bayview Beach | 34 | 58 | 1.71 | 0.58 | 17.42 |
| Clon Linnards Lodge | 33 | 37 | 1.12 | 1.22 | 37.85 |
| Donketh Tourist Park | 3 | 1 | 0.33 | 0.01 | 3.47 |
| Greenfield Sands | 136 | 520 | 3.82 | 68.28 | 77.36 |
| Internet Store at Varsity Lakes | 2 | 0 | 0 | 0 | 0 |
| Healy Beach Tourist Park | 1 | 0 | 0 | 0 | 0 |
| Healy Harbour Backpackers | 6 | 3 | 0.5 | 0.16 | 28 |
| Inverton Apartments | 16 | 0 | 0 | 0 | 0 |
| Southport Tourist Park | 20 | 9 | 0.45 | 0.08 | 4.75 |
| Spinnoff Resort | 71 | 143 | 2.04 | 1.04 | 14.94 |
| Terrace Sails | 20 | 53 | 2.65 | 0.31 | 10.85 |
| Worktop Surf | 262 | 288 | 1.06 | 3.01 | 30.53 |
| Worktop Surf | 267 | 430 | 2.35 | 10.44 | 36.41 |
| TOTALS | 2313 | 2515 | 2.07 | 43.74 GB | 36.9 MB |

Screen Shot: Usage Summary by Site

By using our CAS service you can link multiple hotspots, user terminals or buildings, no matter where they are in the world, and allow your users to connect at any of those locations with one single user account. CAS can help you deliver a reliable, first-class internet service to any location in the world, and easily manage all aspects of the service through an easy to use website.

EVERYTHING YOU NEED TO PROFIT FROM THE INTERNET



Compatible Devices

Our Central Access Service (CAS) is RADIUS based, meaning it is compatible with almost all internet access controllers that support RADIUS authentication. Specifically, CAS currently supports all of the following devices and platforms:

- ✚ Netcomm HS960 wireless hotspot
- ✚ Netcomm HS1100 wireless hotspot
- ✚ Netcomm IAC4500 internet access controller
- ✚ Handlink WG-602 wireless hotspot
- ✚ Zyxel G-4100 wireless hotspot
- ✚ Mikrotik with RouterOS Level 4 or Level 6
- ✚ Surf Easy Wireless Hotspots
- ✚ Surf Easy Internet Access Controllers
- ✚ Surf Easy internet cafe software
- ✚ any other internet access controller hardware that supports RADIUS (subject to specific integration for each hardware model)

**Simplify your internet access system and add new functionality,
to enhance the user experience, and reduce the management overhead**

Supports free access

The CAS system can even allow you to provide free internet access without needing any staff interaction. This feature is unique to our CAS system, and allows you to offer free access with a defined time and download cap, that automatically resets at predefined intervals.

This is ideal for cafes and hotels that want to allow users to receive a certain amount of free time on the internet. The CAS system automatically detects each new device on the network, and automatically gives that user their free access, without any involvement required from staff or management. It truly is the most cost effective way to offer capped free internet access to your customers.



Features

The Central Access Service (CAS) automates and simplifies the entire internet billing process....

- ✔ Supports both free and paid access
- ✔ Supports both Time to Finish and Accumulation billing modes
- ✔ Allows you to create an unlimited number of pricing plans, from minutes to years
- ✔ You can set both download and time limits on each access plan
- ✔ Allows you to setup an automated free-use system that automatically gives users a set time and download limit that resets each day, week, month or year.
- ✔ You can use tickets, access codes, or usernames and passwords
- ✔ Accept credit card payments online 24/7 either using your own SecurePay account or using the Arinda Credit Card Service (additional charges apply)
- ✔ You can generate access codes, purchase pre-printed tickets, or allow users to choose their own username and password
- ✔ Accounts can be single use, or multi-use, and you can allow users to top-up their accounts
- ✔ Automatically emails the user a tax invoice receipt for online credit card payments
- ✔ Allows you to have different pricing for cash payments versus credit card payments
- ✔ Allows you to set Terms of Use that must be accepted before user access
- ✔ Allow users to roam between your locations with a single user account
- ✔ Manage multiple devices across multiple locations from the one web portal
- ✔ Detailed reporting allows you to monitor every purchase and every user session
- ✔ Supports free internet content filtering, allowing you to easily block inappropriate content
- ✔ Customisable user logon pages to promote your specials or on-sell as advertising space
- ✔ User pages can be rebranded to your business
- ✔ You can even add a coin or note operated self-serve payment station
- ✔ Link your wireless hotspot to your internet kiosk or internet cafe terminal running Surf Easy



Benefits

- ❖ Build customer loyalty and repeat business by allowing customers to purchase extended access plans for use over several visits
- ❖ Adds a professional image to your business with a fully branded user portal
- ❖ Save time managing your devices and users from the one single web portal
- ❖ Add new revenue streams by selling advertising space on your user logon pages
- ❖ Automate your sales process with optional 24/7 credit card processing or self-serve pay station
- ❖ Gain greater control over pricing with more options and an unlimited number of access plans
- ❖ All data is stored centrally on our servers, so there is no loss of data should your hardware fail
- ❖ Control download limits and avoid any surprises on your monthly internet bill
- ❖ Compatible with a wide range of wireless hotspots and internet access controllers
- ❖ Block inappropriate websites using the optional internet content filtering
- ❖ Allow customers to have the one user account at all of your locations, valid on all your wireless hotspots, in-room internet systems, and internet cafe terminals

Pricing

There are a few levels of CAS service, depending on the type of hardware you are using. Please refer to the price list available on our website for the latest CAS pricing.

For the optional credit card billing you can either use your own SecurePay account, or otherwise use the Arinda Merchant Service (separate fees and charges apply for credit card billing). Please contact Arinda or see our website for more information.

