

24online SMS 25i



24online acts as an access gateway as well as provides complete billing and bandwidth management solution. By allowing authenticated users and avoiding malicious traffic from the network, 24online ensures complete security in any environment, including DHCP and Wi-Fi. 24online's comprehensive framework with built-in RADIUS AAA server, provides the most advanced and complete authorization, authentication and accounting solution based on IP address and MAC address as well as accounting system totally synchrony with the packages offered.

This appliance from the 24online stack, 24online SMS 25i is capable of delivering real-time billing and bandwidth solution to small service providers through unique features and facilities embedded in it. Billing options include prepaid/postpaid with data management and bandwidth management as well as multi-link manager, all in single platform.

Integrated with high availability feature 24online SMS 25i also protects from hardware failure and data loss to reduce downtime and flow uninterrupted service. Majority of small and medium corporations, educational institutes, government organizations etc, are served by SMS 25i from unauthorized use or access to internet.

Comprehensive Billing & Bandwidth Management for Small and Medium Enterprises

Features	Description	Benefits
RADIUS	<ul style="list-style-type: none"> • AAA (Authorization, Authentication, Accounting) 	<ul style="list-style-type: none"> • Embedded with RADIUS • Dedicated lease-line subscriber support • Subscriber portal redirection
Billing	<ul style="list-style-type: none"> • Pulse Based Rating • Invoice Facility • Discounts 	<ul style="list-style-type: none"> • Accurate billing with minute pulse based rating • End-to-end ordering cycle • Time of the day and day of the week
Bandwidth Management	<ul style="list-style-type: none"> • Committed and burstable bandwidth by pools, packages & users 	<ul style="list-style-type: none"> • Restricts high consumption and network congestion of bandwidth
User Management	<ul style="list-style-type: none"> • Systematic options for active users • User profile management • User subscription and deactivation • Allowing specified login 	<ul style="list-style-type: none"> • Avoids revenue leakage • High scalability with reduced error incidence • Ease of use with complete customer satisfaction • Saves time and expense
*Franchisee Management	<ul style="list-style-type: none"> • Generate and manage franchisees • Single user access for franchisee service as administrator • Generate detailed system MIS reports 	<ul style="list-style-type: none"> • Systematic franchisee management operations • Maintenance of service levels • Management and reporting options
*PIN Management	<ul style="list-style-type: none"> • Create pre-paid coupons • Allows real-time package selection • Generates MIS reports 	<ul style="list-style-type: none"> • Simple and smooth options to use. • Allows immediate access • Instant reach to meet the current market reach
*Payment Tracking	<ul style="list-style-type: none"> • Accounting feature to manage customer payment details • Receive online payments • Easy options to feed in details of customers received from different modes (cash, cheque, credit card etc.) • Customer-wise, user-wise and package-wise revenue and customer credit reports 	<ul style="list-style-type: none"> • Add, edit, manage customer payment details • Payment options from different modes • Generate variety of payment reports.
*Multi-link Manager	<ul style="list-style-type: none"> • Security over multiple ISP links using a single appliance. • Load balance traffic based on weighted round robin distribution. • Link failover automatically shifts traffic from a failed link to a working link. 	<ul style="list-style-type: none"> • Restricts high consumption of bandwidth and network congestion • Optimum use of low cost links • Ensure continual quality service for premium service
*Reporting	<ul style="list-style-type: none"> • Complete reporting suite available in the appliance • Reporting by username, invoice, package etc. 	<ul style="list-style-type: none"> • Provide qualitative service as well as avoid malicious attacks • Generate tabular, graphical, printable and CSV reports

Note - For availing features marked with *, additional modules of 24online need to be registered.

Specification

Interfaces		Networking	
10/100 Ethernet Ports	4	Multiple link auto failover	Yes
10/100/1000 GBE Ports	-	WRR based load balancing	Yes
Configurable Internal/HA/WAN Ports	Yes	Policy routing based on application and user	Yes
Console Ports (RJ45)	-	DDNS/PPPoE client	Yes
SFP (Mini GBIC) Ports	1	VLAN Tagging support	Yes
COM Ports	1		
USB Ports	2	High Availability	
		Active-Passive	-
System Performance*		Administration	
Concurrent Sessions	130,000	Role-based administration	Yes
New Sessions/second	2200	Multiple administrators and user levels	Yes
Data throughput (Mbps)	100 Mbps	Upgrades & changes via Web UI	Yes
168-bit Triple-DES/AES throughput (Mbps)	30/75		
Dimensions		System Management	
H x W x D (inches)	1.97 x 8.86 x 8.07	Web UI (HTTPS)	Yes
H x W x D (cms)	5.0 x 22.5 x 20.5	Command line interface (Serial, Telnet)	Yes
Weight	2.1 kg, 4.62 lbs		
Power		User Authentication	
Input Voltage	100-240 VAC	Local and remote database	Yes
Consumption	24.8W	External RADIUS database integration	Yes
Total Heat Dissipation (BTU)	85	MAC based authentication	Yes
Environmental		Logging/Monitoring	
Operating Temperature	5 to 40 °C	Internal HDD	Yes
Storage Temperature	0 to 70 °C	Graphical real-time and historical monitoring	Yes
Relative Humidity (Non Condensing)	5 to 95 %	Email notification of reports, subscriber management activities	Yes
Cooling System – Fans	1		
Bandwidth Management		Third Party Integration	
Customer based bandwidth management	Yes	PMS	
Guaranteed & burstable bandwidth policy	Yes	Payment Gateway	
Multi VAN bandwidth reporting	Yes	Web Services	
User and Package Based Console		On-Application Reporting	
Access time restriction	Yes	Data transfer reporting (By user, package & IP address)	Yes
Time Quota restriction	Yes		
Schedule based committed and burstable bandwidth	Yes	Compliance	
Data Quota restriction	Yes	CE	Yes
		FCC	Yes

Corporate Office

Sales & Marketing

