

## Case Study



## 24online Solution Deployed at Kent RO Systems Limited, Noida Office Offering Wi-Fi Access to Visitors



### In Nutshell

- › More than a decade of product experience/ solution development
- › Supports next generation services
- › Acknowledged player in Telecom & Hospitality industry
- › Caters Wired, Wi-Fi, WiMAX and VSAT Networks
- › Plug-n-play solution

**Customer** : Kent RO Systems, Noida

**Industry** : Enterprise sector

**Approach** : Mr. Hari Om from Timen Systems – Partner of 24online, approached 24online with a requirement of a complete solution. There was a need of a solution that can manage their network and deliver wireless connectivity to office visitors.

**Statistics** : 24online HIA 100ix solution is deployed at Kent RO Systems Limited, Noida India office.

### Company

Kent RO Systems Limited is a healthcare products company that started its operations from Noida, India. Kent RO Systems Limited desired to offer a wireless internet connectivity service to their Noida office visitors. They needed a solution that can manage their enterprise network, allows only authenticated users to access internet, and provides wi-fi connectivity at all office areas.

### Challenge

Offering wireless internet connectivity to your office visitors is an approaching trend. Kent RO Systems desired to offer wi-fi service to their headquarter office visitors located at Noida, India.

The requirement was to offer wi-fi service to visitors where they can self-register and access internet on successful authentication. The visitors trying to access internet should receive credentials through SMS using which authentication can be done. The solution should be able to effectively authenticate visitors, control and manage bandwidth usage, and deliver connectivity in complete office area. The solution should be capable to integrate SMS gateways to securely send credentials and other details. It should allow admin to create different data plans according to the requirements that can be further offered to the visitors. The solution should have extensive reporting features enabling admin to understand the usage in the office and manage user traffic.

## Solution

After understanding the requirements placed by Kent RO Systems for required solution at their Noida office, 24online suggested its HIA 100ix solution registered with self-registration flow, SMS gateway integration module, and websurfing logger module.

The solution features are as below:

### Bandwidth Management and Package Management

24online's bandwidth management feature allows admin to define minimum and maximum bandwidth to be allowed for each package. Admin can also perform bandwidth restriction for users after their specific amount of data usage or after specific time period. Package management feature allows admin to create different type of plans based on time or usage as per the requirement. This will help Kent RO Systems to make internet packages based on their requirements and offer their visitors.

### User Self-Registration Flow

With 24online's user self registration flow enabled, visitors can register themselves by simply providing specific details on captive portal page. Visitor will receive SMS on their registered mobile number having credential details. On authentication, user will be successfully registered and will be able to access the internet.

Mr. B S Gupta  
General Manager – IT,  
KENT RO SYSTEMS LTD.

“ Our aim was to provide a seamless, secured and smart internet access network for our office visitors. We needed proper bandwidth management and monitoring solution that helps in fair distribution. Previously, we had to generate username and password for each and every visitor, but with successful deployment of 24online, users can self-register and receive OTP on their mobile. We are able to generate the logs and also streamline the traffic. ”

## SMS Gateway Module

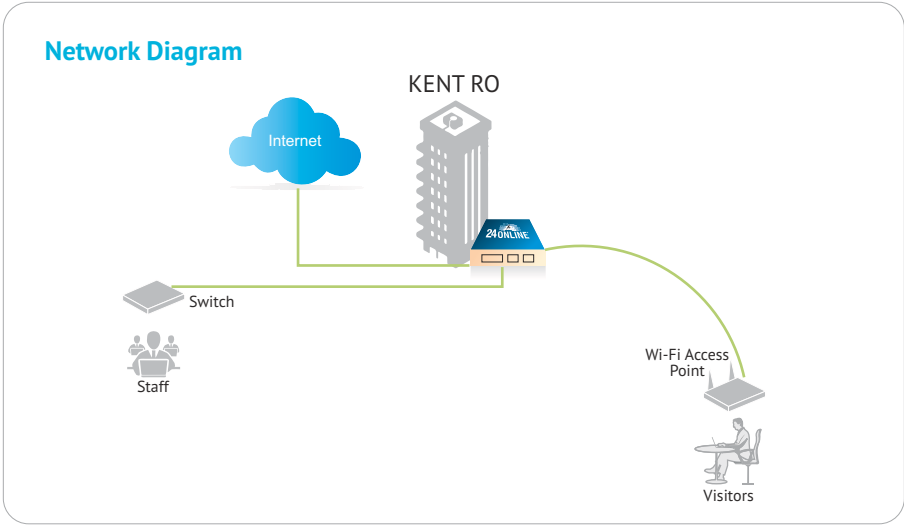
24online is integrated with well-known SMS gateways present in the market. SMS Gateway integration will allow visitors to receive alert messages on their mobile devices at the time of registration, authentication, and other events. On receiving access request from visitors, 24online solution will send message having OTP [One-Time Password] on relevant mobile number required for authentication.

## Captive Portal Capabilities

There was a need that all visitors should pass through an authentication process before accessing wireless internet. This will help to restrict all unauthorized visitors and continuously track malicious threats to network. The captive portal technique forces unauthenticated users' http request to a web page before surfing the Internet normally. Using this feature administrator can create own client pre and post login page using different templates. Administrator can also add URL, redirect the client page to personal website or upload advertisement and messages for clients.

## WebSurfing Logger

24online offers an advanced feature – Web surfing logger, by which an easy tracking of websites and applications surfed by guests can be done. This feature is complied with the instructions issued by the government bodies. With Websurfing Logger module enabled, Kent RO Systems can easily generate regular reports having surfing logs of visitors.



**About 24online**

Sterlite Technologies' Telecom Software Division – Elitecore is a global IT product and service provider. It offers pre-integrated BSS, Packet-core, Carrier Wi-Fi solution and Enterprise solutions. Elitecore's enterprise line of business offers 24online Service Management System (SMS) and 24online Hospitality Internet Access (HIA) catering to ISP and Hospitality segments.

24online is a next generation Internet Access and Bandwidth Management solution catering to Hospitality, Public Wi-Fi Hotspots, Smart Cities, and Internet Service Provider (ISP) segments. The solution offers flexible prepaid and post-paid billing features, AAA and bandwidth management with reporting functionalities. The product has a large client base of 3500+ installations that extends to 60+ countries.



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