



## 24online Managed Wi-Fi Standalone Solution at Gangasagar Mela



### 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

### 24online Deploys Wi-Fi Standalone Solution in Gangasagar Mela

**Customer :** Ganagasagar Mela

**Industry :** Religious Events

**Solution :** 24online Radius solution with Managed Public Wi-Fi solution, including user authentication with 24online RADIUS and Bandwidth management from Mikrotik NAS side.

**Objective :** Providing a Managed Wi-Fi solution facilitating Gangasagar Mela to offer flawless wireless internet service throughout to their staffs and police. The solution should be able to authenticate the users trying to access the Wi-Fi network, through user id password based authentication from 24online RADIUS.

**Approach :** Gangasagar Mela was approached by one of our channel partners for complete Wi-Fi hotspot solution.

**Statistics :** 24online RADIUS Solution [SMS] 500iXi solution is deployed at the location.

### Company Background

Gangasagar Mela is one of India's largest spiritual gatherings, attracting over a million pilgrims annually. Hosted on the remote Sagar Island, this temporary mega-event demands scalable and reliable IT infrastructure, especially for internet access used by government officials, security forces, media, and on-ground volunteers.

To address the need for secure and efficient internet distribution in a high-footfall, temporary setup, an internet management solution had to be deployed rapidly with minimal human dependency and maximum automation.



### Challenge

In the current competitive market, every customer aims to provide best-in-best facilities and services to its guest to stay ahead of the competition. Qualitative services and facilities are result of advanced infrastructure and professional resources. The Gangasagar Mela required a comprehensive internet access management solution that could ensure seamless and secure Wi-Fi connectivity across all mela zones. Which offer role-based bandwidth allocation, giving priority access to local staff and police officers. Provide controlled internet access to staffs and police officers without compromising network security. Implement username and password based access for all authorized users. Run 24online in RADIUS mode to centrally handle AAA and Integrate with Mikrotik NAS routers deployed at multiple field points. Function in a high-density, time-sensitive environment with ease of access and low IT overhead. Ensure session logging, usage tracking, and audit capabilities.

### Solution

After considering the major requirements of Gangasagar Mela, 24online RADIUS Server deployed at the central control center. Mikrotik routers configured as NAS devices across field-level internet distribution zones. User credentials issued prior to the event via administrative backend.

#### Captive Portal Capabilities

It is necessary that all users accessing library's network should pass thru determined authentication process to secure the network from malicious activities and threats. 24online's captive portal feature offers various options to create and configure pre-login captive portal web pages. Different login templates can be designed and various authentication parameters can be integrated required for different login pages. Also they can change or reset their password within the captive portal.

#### Bandwidth and Package Management

24online's bandwidth management functionality allows defining minimum and maximum bandwidth to be allowed for each plan. Also, bandwidth restriction can be done after certain amount of data usage or after certain usage time period. 24online solution offers dynamic package creation feature using which Gangasagar Mela can easily create and offer different packages for staff/police as per their requirements.

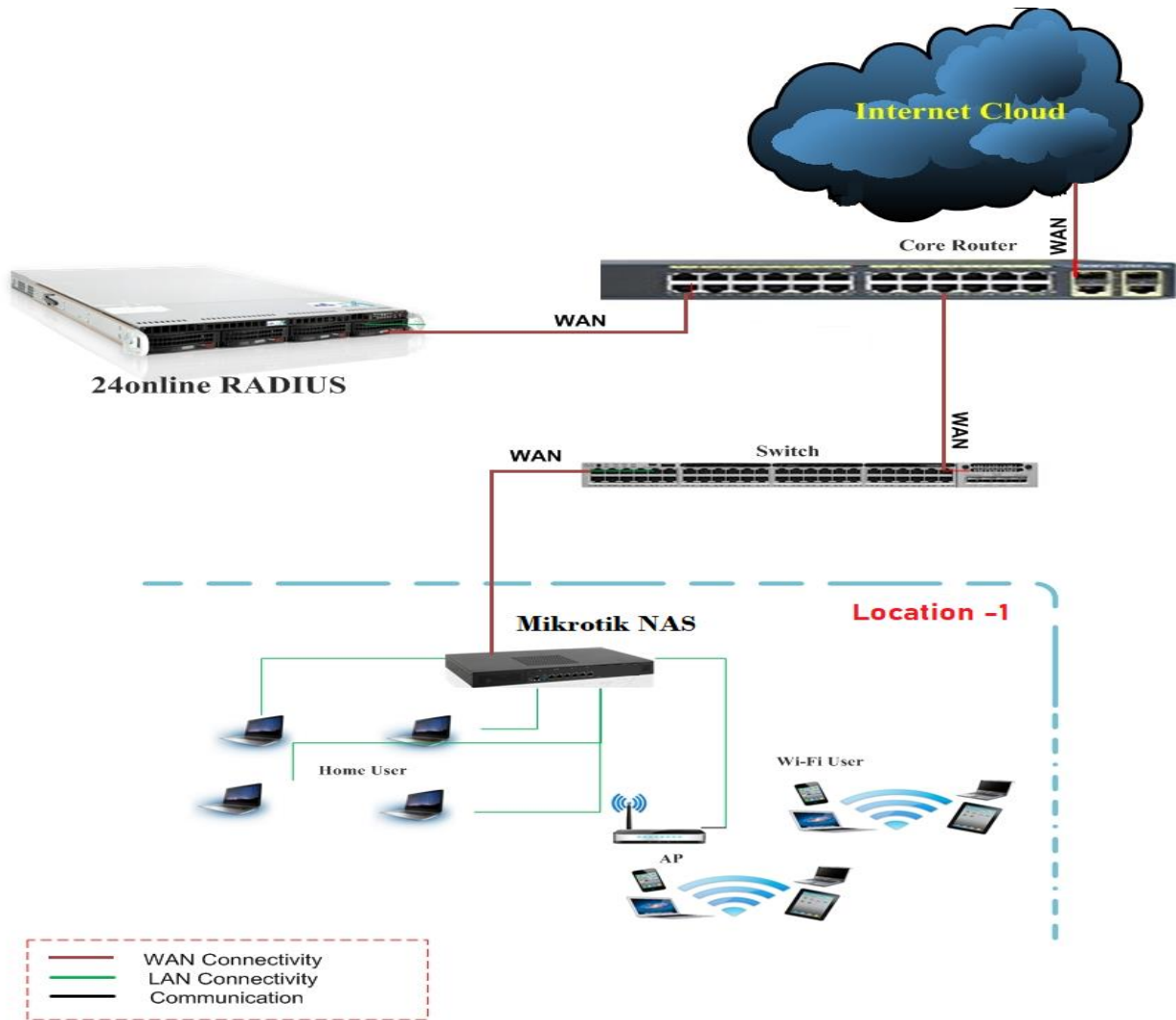
#### Data Transfer Module

By data transfer module, defining the amount of quota to be allocated for each user or a package can be done. 24online also facilitates to degrade the bandwidth after specific quota is consumed by the user.

#### Reporting

24online offers an advanced feature – Web surfing logger, by which an easy tracking of websites and applications surfed by users can be done. This feature is complied with the instructions issued by the government bodies. With the help of this module, regular reports in printable and graphical format can be obtained listing down the surfing details of each user. Moreover, it also helps to ensure about network security and in case of any malicious activity occurrence it makes easy to evaluate by reviewing reports stored in the system.

## Network Diagram



### About 24online

24online is a leading internet access management and network management solution that offers wide range of internet access control and management solutions that enables ISPs, Hotels, Hotspots, Airports, Educational Institutes, Smart Cities, etc. to simplify their internet network. 24online addresses the challenges of customer acquisition, secured service provisioning, internet billing, monetization via internet services and revenue management. The solution has vast experience in catering to varied network like Wired, Wi-Fi, Cloud, VSAT and LTE. With more than a decade of experience, we offer the world class solutions in the most cost-effective way.