

Case Study: “Connectivity Solutions for Oneness Resort - IP PBX for Intercom & Cloud-Hosted Guest Wi-Fi”

Client: Oneness – A Luxury Wilderness Resort.

Location: Byasi Village, Rishikesh, India.

Industry: Hospitality

Website: <https://www.onenessrishikesh.com/>

Introduction: Oneness by Ganga Kinare is a luxurious wilderness resort nestled 30 kilometres from Rishikesh, set amidst the serene Lower Shivalik Mountains. Accessible only by private raft, the resort offers a unique retreat with twelve luxury cottages, private beaches, and immersive natural surroundings. Guests can enjoy activities like birdwatching, yoga, hiking, and stargazing, all designed to foster a deep connection with nature and inner peace. The resort also emphasizes sustainability, integrating its architecture with the biodiversity of the Himalayan landscape.



Project Overview:

TechAid Consultants collaborated with Oneness Resort to deploy a high-tech, reliable communication and internet solution in the secluded Shivalik mountains. The resort required an advanced intercom system via IP PBX and robust, cloud-hosted Wi-Fi for guest connectivity, both essential for delivering a luxurious and seamless guest experience.

In-Depth Requirements & Site Survey:

TechAid's team conducted a detailed site survey, assessing the remote location, challenging terrain, and limited access. The project demanded structured cabling that could endure the conditions, alongside installing advanced IP PBX technology for internal intercom functionality and cloud-hosted access points for continuous guest Wi-Fi, providing each visitor with secure, high-speed internet.

Equipment & Installation Process:

TechAid supplied and installed structured cabling, resilient enough for the mountains, and set up the IP PBX system, enabling intercom services throughout the property. The cloud-hosted access points were strategically positioned to provide uninterrupted, high-speed guest Wi-Fi, ensuring coverage even across vast resort areas.

Connectivity Challenges in Remote Terrain:

Delivering connectivity in the isolated Himalayan environment was a significant challenge. To address this, TechAid worked in partnership with Linkwave Technologies Pvt. Ltd., which provided a reliable leased line, ensuring stable internet that met strict Service Level Agreements (SLAs).

Result:

Despite geographical challenges, TechAid successfully implemented a complete connectivity solution that allowed Oneness Resort to offer world-class guest experiences. The integration of IP PBX for intercom services and cloud-hosted Wi-Fi access enabled seamless connectivity, demonstrating TechAid's expertise in delivering high-standard technology solutions in even the most remote locations.

Client Testimonial:

"Working with TechAid on this project was a remarkable experience. Given our remote location in the Shivalik Mountains, accessing the site required private raft transport, making equipment supply and installation no small feat. TechAid demonstrated extraordinary commitment and sheer will, coordinating every detail meticulously to ensure project completion on time. The team's structured approach to installing our IP PBX intercom system and cloud-hosted Wi-Fi transformed our guest connectivity experience. TechAid's dedication to overcoming logistical challenges has truly raised the bar for luxury connectivity."

— Management, Oneness



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#StructuredCabling #BusinessTransformation #IPPBX #ProjectDelivery #Oneness
#5StarResortlinRishikesh

OEM Products Supplied by TechAid

In the successful implementation of advanced technology solutions at Vileen Rishikesh, TechAid leveraged a selection of high-quality Original Equipment Manufacturer (OEM) products. As a registered consulting partner for these esteemed OEMs, TechAid ensured that the resort benefited from cutting-edge technology tailored to enhance guest experience and operational efficiency.

1. **Matrix Intercom IP PBX:** The Matrix Intercom IP PBX system was deployed to streamline communication within the resort. This modern intercom solution enables seamless connectivity between staff members, facilitating quick responses to guest requests and operational needs. The scalability and flexibility of the Matrix system ensure that Vileen Rishikesh can easily adapt to future communication requirements, all while maintaining high-quality service standards.
2. **Grandstream Access Point:** For high-speed Wi-Fi connectivity, TechAid utilized Grandstream access points, which are designed to deliver reliable and seamless internet access throughout the resort. These enterprise-grade access points provide robust performance, supporting numerous simultaneous connections while ensuring fast and stable internet service for guests. The deployment of Grandstream technology was crucial in creating an environment where both leisure and business travellers could stay connected effortlessly.
3. **Linkwave Internet Leased Line Services:** To further enhance connectivity, TechAid partnered with Linkwave to provide dedicated internet leased line services. This solution ensures a stable and high-speed internet connection, critical for the resort's operations and guest satisfaction. Linkwave's reliable service allows for uninterrupted connectivity, supporting various online activities, from streaming to video conferencing, thus meeting the demands of modern travellers.



System Integrator Involved:

By integrating these OEM products into the project, TechAid played a vital role in equipping Vileen Rishikesh with state-of-the-art technology. Our partnership with leading OEMs like Honeywell, Matrix, Grandstream, and Linkwave underscores our commitment to providing top-tier solutions that align with the resort's vision of delivering a world-class guest experience.

