

CIVIL SECRETARIAT GOES WIRELESS

ARUNACHAL PRADESH Government Sets a New Trend with the Implementation of Wi-Fi at its Hub

With its Wi-Fi implementation, the Arunachal Pradesh Civil Secretariat becomes first of its kind in the Country to go wireless. Covering the entire Secretariat which consists of four blocks, this set-up has been designed for wireless access of a large number of users to the tune of about 6500 concurrent users. The Wi-Fi is also open to visitors (guest users) during office hours in a simplified manner keeping the security aspects safely intact.



OPUNG ERING
Technical Director
opung.ering@nic.in

Edited by
RUBAIYAT UL ALI

Gracefully traversing through all odds, the Government of Arunachal Pradesh (GoAR) has taken an outstanding initiative to make all stakeholders, importantly the citizen, business and employees as part of Digital India through the implementation of wireless LAN in its Civil Secretariat. This has been set up in all the four blocks of the Secretariat, with access to the offices of Ministers, Parliamentary Secretaries, Commissioners, Secretaries and other Officials. The process started in the early part of the calendar year 2017 by GoAR, and has been made a reality under the technical guidance, supervision and active involvement of NIC.

With its Wi-Fi implementation, the Arunachal Pradesh Civil Secretariat becomes first of its kind in the Country to go wireless. Covering the entire Secretariat of GoAR, this set-up has been designed to take care of a large number of users to the tune of about 6500 concurrent users and also it is open to visitors (guest users) in a simplified manner keeping the security in place.

The Hon'ble Chief Minister of Arunachal Pradesh, Shri Pema Khandu, during the inauguration of Wi-Fi set-up, has congratulated the officials of State Information Technology and National Informatics Centre (NIC) for achieving the milestone in a record time of two weeks (besides the four months in planning and designing). He expressed confidence that the set-up would overhaul the work culture in Civil Secretariat and would enable seamless and smooth communication between Ministries and Departments to accelerate services delivery. The Chief Minister highlighted it as a positive step towards fulfilling the vision of the Prime



“

This new facility will provide seamless internet connectivity to Secretariat officials anytime anywhere within the Secretariat premises and enable them to access e-Governance applications through Wi-Fi enabled devices.

While officials can get access through their official (NIC) email IDs, visitors have to access through the SWAGAT mode that generates an OTP for logging in. The 157 access points installed across the secretariat premises would allow round the clock Wi-Fi access to officials and eight hours per day to visitors.

Interestingly, the Delhi NIC unit that provides Wi-Fi connectivity in some of the Ministries there has decided to replicate our design and project for offices at Delhi.

PRINCE DHAWAN, IAS
Special Secretary, IA&C
Govt. of Arunachal Pradesh

”



Hon'ble Chief Minister, Shri Pema Khandu launching the Wi-Fi at CM Conference Hall on 19th June 2017

enhanced usage of 10 Gbps bandwidth owned and maintained by NIC.

SECURITY & AUTHENTICATION

In the security front, NIC has implemented Authentication, Authorization, and Accounting (AAA) through Remote Authentication Dial-In User Service (RADIUS). Considering the security aspects, a separate authentication has been implemented for Government users and visitors to access Wi-Fi network. The citizen and business users is provided with a One Time Password (OTP) each time, while the Government officials would be authenticated through their Government email accounts.

ONLINE REGISTRATION

The facility for online registration of Government users is being implemented for direct registration of such users on their devices.

AWARDS & RECOGNITION

The Civil Secretariat Wi-Fi LAN has received SKOCH Award-of-merit while competing with projects from across the Country. The Special Secretary, I&AC, GoAR, Shri Prince Dhawan informed that the achievement of the team is very encouraging and has brought recognition in the form of such awards at national platform. The State is marching forward with many IT initiatives. The achievement will prove to be a great source of encouragement to move towards Digital Arunachal.

SUMMARY

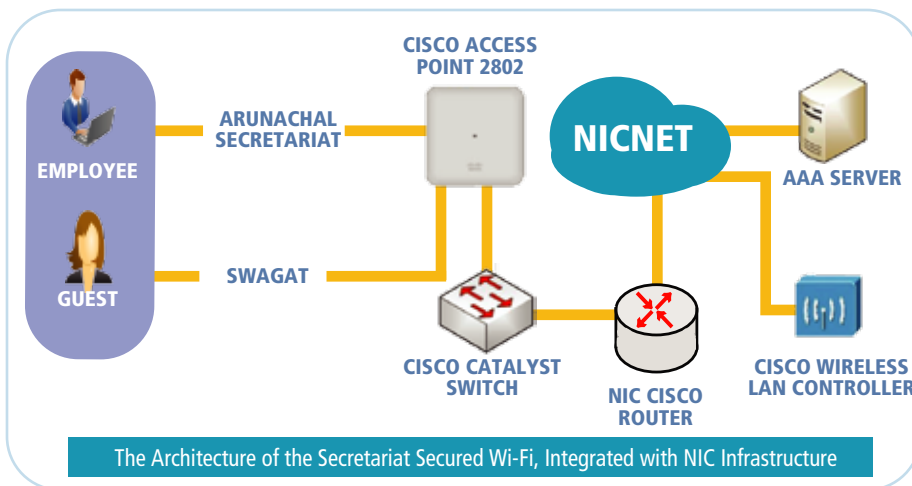
The Wi-Fi access at the Civil Secretariat, Arunachal Pradesh is open to the visitors (guest users) during office hours in a simplified manner keeping the security intact. The concept design and project implementation plan is reported to be replicated by many of the Central Ministries. The Wi-Fi Connectivity at Civil Secretariat is one of the key projects under Digital Arunachal Mission of the State Government.

For further information, please contact:

OPUNG ERING

Technical Director
NIC State Centre, Block 23, AR Civil Secretariat
Itanagar- 791111, Arunachal Pradesh

Email: opung.ering@gov.in
Phone: 0360-2006298



The Architecture of the Secretariat Secured Wi-Fi, Integrated with NIC Infrastructure

Minister, Shri Narendra Modi for a 'Digital India' and is a big contribution from Arunachal Pradesh by becoming the first to have a secretariat with this digitalized facility.

ARCHITECTURE

Architecting a secured Wi-Fi system

using the 5th generation advanced technology of Wi-Fi devices which provides faster and more scalable communication, NIC has enabled the freedom of wireless with the capabilities of Gigabit Ethernet. The architecture includes integration with the Network Operation Centre (NOC) of NIC for



SKOCH 2017 Award-of-merit being conferred to the Civil Secretariat Wi-Fi LAN establishment