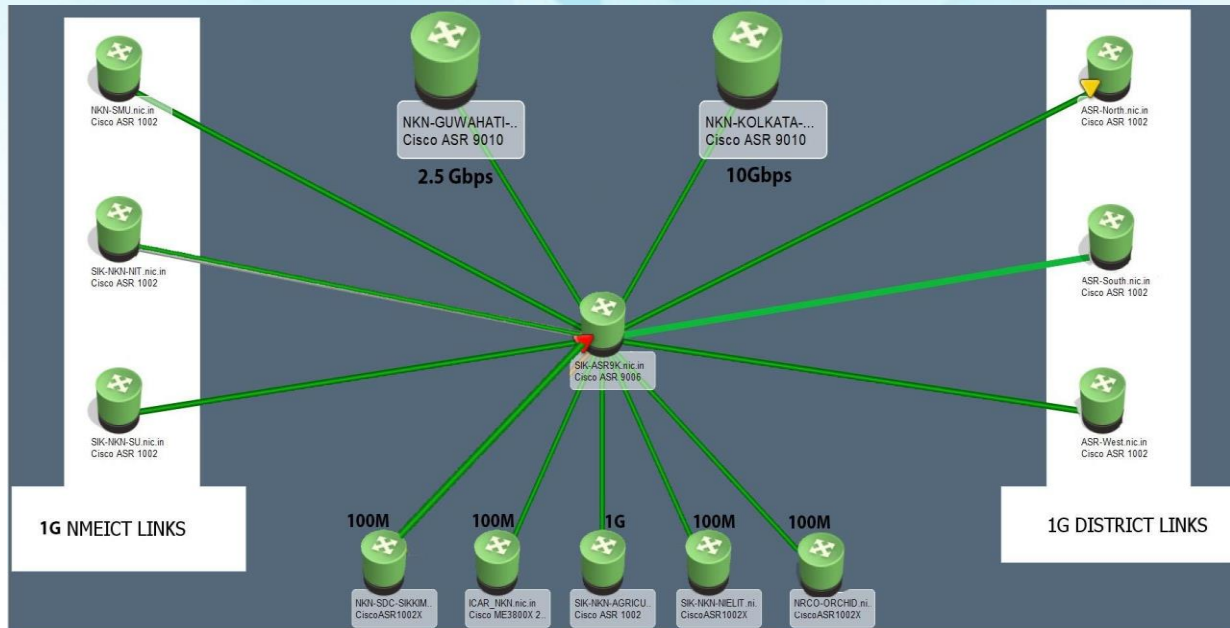
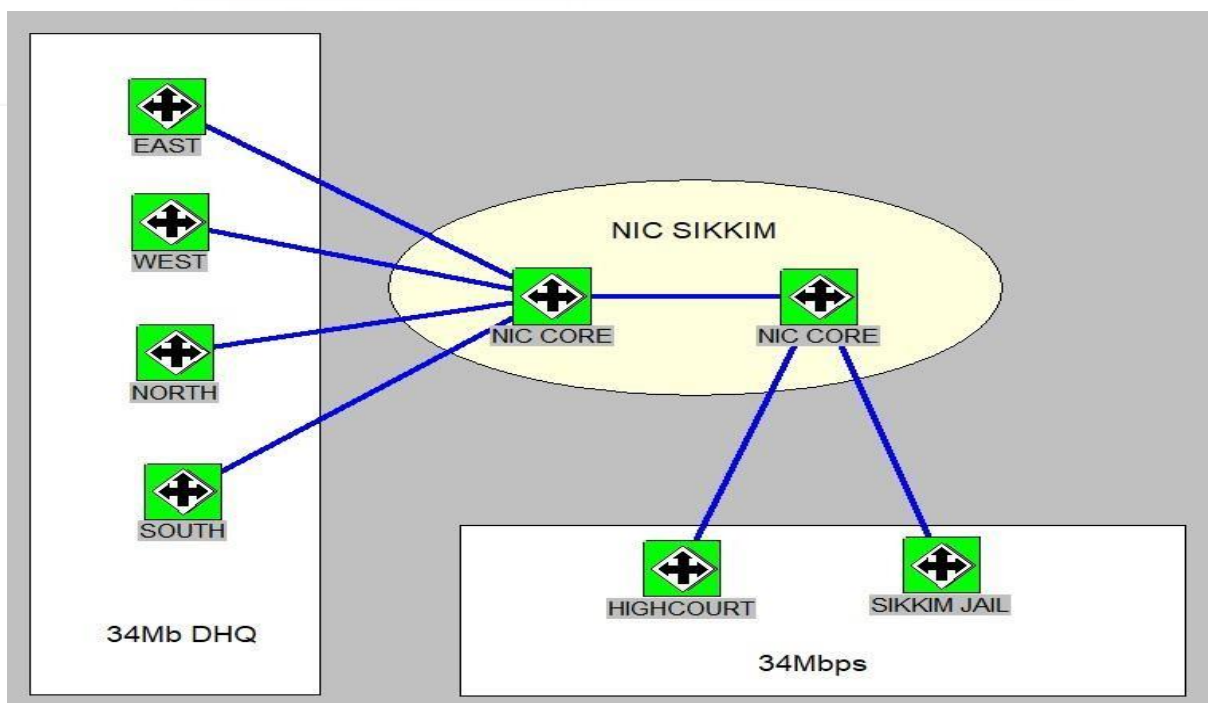


2. NIC Network (NICNET) in Sikkim

NKN-SIKKIM CONNECTIVITY



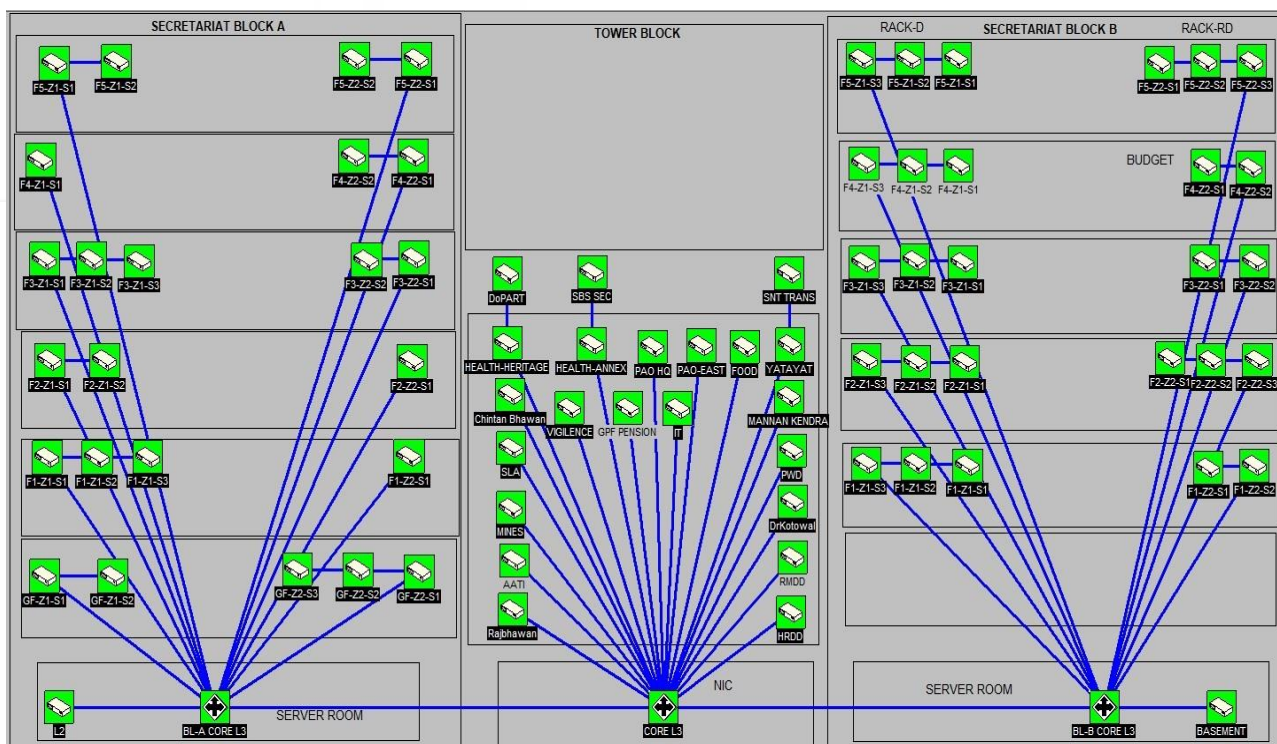
NICNET-SIKKIM CONNECTIVITY



RECENT NETWORK CONNECTIONS

- ▶ *High speed and reliable Internet connectivity through Optical fiber cable is provided to all the Government departments in Main Secretariat complex, Tashiling*
- ▶ *Secure WiFi network connectivity is established in Main Secretariat Complex*
- ▶ *During General election 2019, NIC Sikkim has provided reliable internet connectivity to voting counting centres in the State.*

NETWORK LAYOUT TASHILING SECRETARIAT COMPLEX



The diagram illustrates a WiMAX network architecture. A central cloud labeled "WiMAX Connectivity" connects to three base stations (BTS 1, 2, and 3) and their associated SDA (Service Data Access) and P.O.E. (Power over Ethernet) components.

- NIC SHQ:** A central hub with IP address 10.182.54.18, connected to a P.O.E. switch and a Wi-Max L3 switch.
- Wi-Max L3:** A switch connected to the NIC SHQ and the L3 Switch.
- L3 Switch:** A switch connected to the Wi-Max L3 and the Router 7609.
- Router 7609:** A router connected to the L3 Switch.
- BTS 1:** Base Station 1 with IP address 10.182.54.14, connected to the WiMAX cloud and its SDA.
- BTS 2:** Base Station 2 with IP address 10.182.54.16, connected to the WiMAX cloud and its SDA.
- BTS 3:** Base Station 3 with IP address 10.182.54.15, connected to the WiMAX cloud and its SDA.
- SDA:** Service Data Access components connected to each BTS and the central hub.



CYBER SECURITY SERVICES

- 1. NIC Network is filtered to have clean Cyber Environment for all the connected Departments.***
- 2. Web filter & Application filter has been implemented to control unnecessary bandwidth utilizations and restricting malicious websites and applications to infect any connected system in the Network.***
- 3. Gateway level Anti-Virus & Anti-Spam has been implemented to provide contents and email security.***
- 4. All network level security services has been provided to applications hosted in NIC, including secure access to servers for management, restricted unauthorized users, etc.***
- 5. Specific filtering is done based on IP Address, Ports and also time scheduling for blocking of Facebook, YouTube, Shopping Sites, etc. base on request from various departments.***
- 6. Internet Connectivity provided to all counting centers during Vote Counting***
- 7. Centrally managed Trend Micro Antivirus application (Enterprise Licensed) is being installed in client machines for free of cost to protect the systems from virus/malware infections and to provide desktop level security to each connected systems in the Network.***

VC SERVICES PROVIDED IN SIKKIM

NIC, Sikkim is providing VC support to the following departments:

- *Rajbhawan*
 - *Chief Minister Office*
 - *Chief Secretary Office*
 - *DGP Office including all 4 districts SP office.*
 - *CEO-Election Department*
 - *High Court*
 - *District & Session Courts*
 - *Rongey Jail-East Sikkim*
 - *Namchi Jail -South Sikkim*
 - *Sikkim State legal Services Authority.*
-
- *RMDD*
 - *IT Department*
 - *AG Office*
 - *Sikkim University*



PRAGATI

A multi-purpose, multi-model platform for Pro-Active Governance and Timely Implementation

Prime Minister of India, Shri Narendra Modi launched his ambitious multi-purpose and multi-modal platform PRAGATI (Pro-Active Governance and Timely Implementation) on 25th March 2015.

PRAGATI is a unique integrating and interactive platform. The platform is aimed at addressing common man's grievances, and simultaneously monitoring and reviewing important programmes and projects of the Government of India as well as projects flagged by State Governments.

Key features:

- 1. It is a three-tier system (PMO, Union Government Secretaries, and Chief Secretaries of the States).*
- 2. Issues to be flagged before the PM are picked up from the available database regarding Public Grievances, on-going Programmes and pending Projects.*
- 3. The system has been designed in-house by the PMO team with the help of National Informatics Center (NIC). As the name suggests, it is aimed at starting a culture of Pro-Active Governance and Timely Implementation.*
- 4. It is also a robust system for bringing e-transparency and e-accountability with real-time presence and exchange among the key stakeholders*

OCTOBER 2023

| Total Number of Tickets Raised at Service Desk | Total Resolved Tickets | Pending Tickets |
|---|-------------------------------|------------------------|
| 91 | 91 | 0 |

| Total Number of VC Service Provided | Total Resolved | Pending |
|--|-----------------------|----------------|
| 39 | 39 | 0 |

1. **NETWORK (NKN)** – Sikkim State Data Center 1G link between NIC SHQ and SSDC issue has been sorted out replacing faulty Optical Fiber and link is restored back within a stipulate time.
2. **SECURITY (MDC)** – Below mentioned additional ports are opened for the website of Forest Department, Govt. of Sikkim.

Additional Ports: 8000 and 5005

URL: <https://markmytree.nic.in/>

Public IP: 164.100.244.7

3. **CLOUD SERVICES**

- a. Rajya Sainik Board, Govt. of Sikkim requested to avail NIC, Cloud services. Service level Agreement (SLA) signup process is completed and copy of it handed over to the concerned department.
- b. Election department server is successfully commissioned.
- c. Home Department server is successfully commissioned and trial run done for their application.
- d. Additional resources such as RAM, VCPU and storage provided to Finance Department, Govt. of Sikkim for their existing treasury applications.