

# Last Mile Managed Service

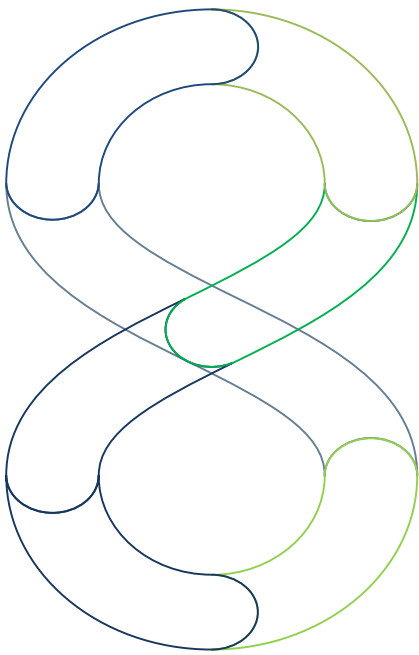
USE CASE



# Last Mile Managed Services



## What is Last Mile?



Last mile is the local loop media connectivity between the nearest connecting ISP Point of Presence (PoP) to the customer edge equipment (CPE Device). The physical link connecting media could be wired or wireless technology for data/voice/video transfer. We manage end to end maintenance of the last mile connect be it managed broadband, 4G-LTE or Leased Line set up.

**Last mile connectivity problems had impacted productivity, customer service and the user experience.**

## Understanding the Last Mile Problem

A reputed Indian brand in BFSI segment, having more than 1600 branches spread across tier I, II & III cities was using multiple last mile, complex routing and IP-VPN to access the application hosted in their datacentre as well as CRM hosted in AWS/Azure cloud.

Customer was facing huge challenge on unifying the network management , vendor management, billing and not to mention the problem arising due to last mile were always a burning issue in the organisation.

### Last Mile Network latency caused:

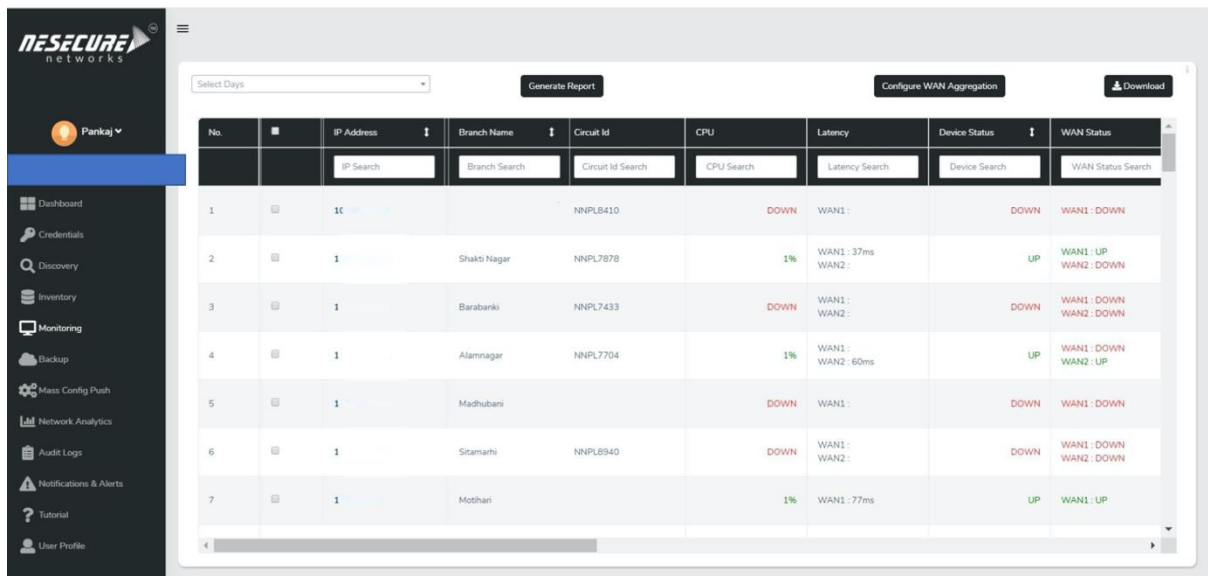
- Slow file downloads
- Poor application performance
- Application downtime or timeout
- Quality of Service (QoS) issues with real-time services such as voice and video.

The term “last mile” is used in the Network communication to describe the last leg of access transport fabric. Imagine a truck carrying goods from **City A** to **City B** for most of the journey, the truck will use the expressway and travel at super speeds. Once it gets into **City B**, however, the truck will have to exit the Highway and travel smaller, more congested roads to reach its final destination. Same is case for any data, voice or video traffic.

# NE-Mile

## Nesecure Last Mile as a Service

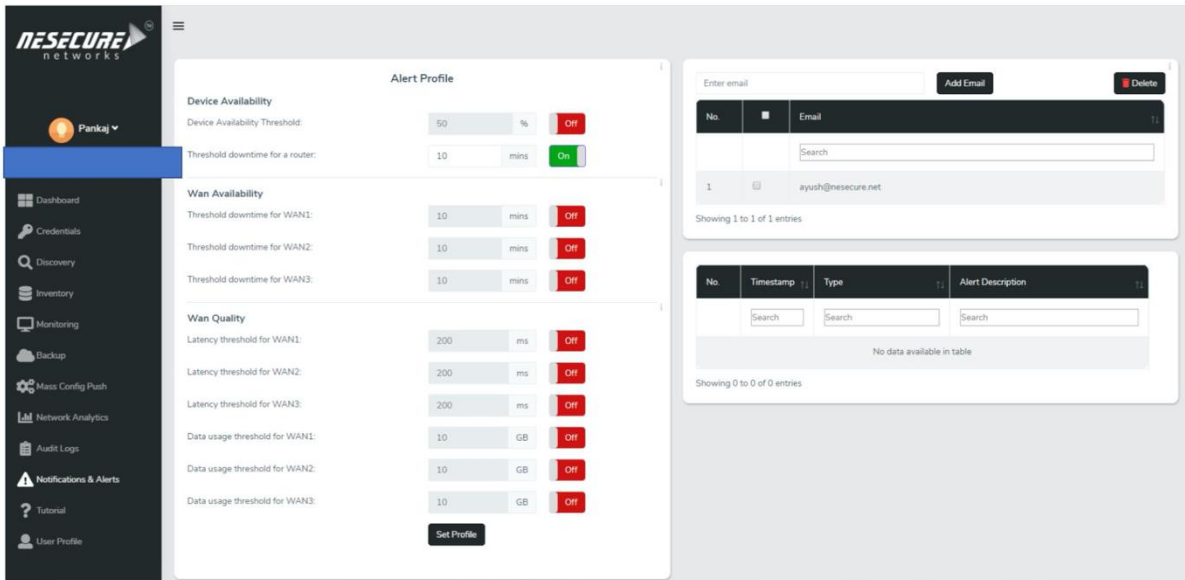
So how do you solve the last mile problem? The best way is to leverage managed WAN connectivity services from Nesecure Networks. We combine multiple last mile connections and monitor them.



The screenshot displays the Nesecure Networks dashboard interface. On the left is a dark sidebar with navigation options: Dashboard, Credentials, Discovery, Inventory, Monitoring, Backup, Mass Config Push, Network Analytics, Audit Logs, Notifications & Alerts, Tutorial, and User Profile. The main content area features a table with columns for No., IP Address, Branch Name, Circuit Id, CPU, Latency, Device Status, and WAN Status. Above the table are search filters for IP, Branch, Circuit Id, CPU, Latency, Device, and WAN Status, along with buttons for 'Generate Report', 'Configure WAN Aggregation', and 'Download'. A 'Select Days' dropdown is also present.

No.	IP Address	Branch Name	Circuit Id	CPU	Latency	Device Status	WAN Status
1	10.10.10.1		NNPL8410	DOWN	WAN1 :	DOWN	WAN1 : DOWN
2	10.10.10.2	Shakti Nagar	NNPL7878	1%	WAN1 : 37ms WAN2 :	UP	WAN1 : UP WAN2 : DOWN
3	10.10.10.3	Barabanki	NNPL7433	DOWN	WAN1 : WAN2 :	DOWN	WAN1 : DOWN WAN2 : DOWN
4	10.10.10.4	Alamnagar	NNPL7704	1%	WAN1 : WAN2 : 60ms	UP	WAN1 : DOWN WAN2 : UP
5	10.10.10.5	Madhubani		DOWN	WAN1 :	DOWN	WAN1 : DOWN
6	10.10.10.6	Sitamahi	NNPL8940	DOWN	WAN1 : WAN2 :	DOWN	WAN1 : DOWN WAN2 : DOWN
7	10.10.10.7	Mothari		1%	WAN1 : 77ms	UP	WAN1 : UP

This holistic, turnkey approach managed NE-Mile service also eliminates the headaches associated with provisioning and managing thousands of internet service provider via single billing systems by eliminating multiple points of contact and hassle of contract management issues.



## Benefits of NE-Miles from Neseecure

**Managed :** Fully via 24x7 NOC

**Management:** Multi-Vendor Management

**Monitoring :** Inbuilt monitoring and alerting platform for pro-active resolution

**Billing :** Instead of managing hundreds of vendors – get one, easy to read bill from NE-Mile as a Service.

**Security :** SD-Edge (SDN) enabled router from Neseecure helps secure the last mile network and mitigate cyber security risk as optional services.



# *NESECURE*

Email Us : [info@necure.net](mailto:info@necure.net)

**Necure Networks Private Limited**

001, P3 – Pentagon Tower, Magarpatta City,  
Hadapsar, Pune, Maharashtra 411028

[www.necure.net](http://www.necure.net)

**DISCLAIMER :**

Necure Networks Private Limited 2020. This document is issued by Necure in confidence and is not to be reproduced in whole or in part without the express, prior written permission of Necure. Necure and the Necure Product logos are trademarks of the Necure Networks Private Limited.

Other product and company names mentioned herein may be the trademark of their respective owners. The information contained in this publication is correct at the time of going to publishing or print. Any reliance on the information shall be at the recipient's risk. No member of Necure shall have any liability in respect of the use made of the information.

The information may be subject to change. Services may be modified, supplemented or withdrawn by Necure without any prior notice. All services are subject to terms and conditions, copies of which may be provided on request.