

Introduction

All Corporate & Warehouse Network Diagram

Endpoint	Page No
Akij House (HQ-Site)	01
DR Site Food Factory	02
Panthapath Office	03
MD House	04
Boliapur Depo&WareHouse	05
Barisal WareHouse	06
Jashore WareHouse	07
Chittagong WareHouse	08
Bogra WareHouse	09
Rangpur WareHouse	10
Mymensing WareHouse	11
Cox's Bazar WareHouse	12
North Bengal Cycle Factory	13
Adhunik Paper Mills	14

Tanvir Rahman
3.13.25

Signature (Asst. Manager)

Tanvir Rahman
Asst. Manager-IT
NeosCoder Ltd.

Debayan Samaddar
3.13.25

Signature (Sr. Manager)

Debayan Samaddar
Sr. Manager-IT
NeosCoder Ltd.

Signature (CTO)

Prepared By Kanak Kumar Sanyal

Date: 11-03-2025

Executive Summary

This report presents an analysis and detailed overview of the network diagram for Neoscoder. The network diagram provides a visual representation of the infrastructure of a company's IT network, showcasing the interconnectivity of various hardware components, systems, and services. It is designed to offer a clear and concise overview of how network resources, devices, and services are structured and interact with one another.

Key Findings:

- The network diagram reveals a well-structured layout with core components, including routers, switches, firewalls, and servers.
- The diagram highlights how different devices are connected, such as routers, switches, servers, firewalls, and endpoints.
- The diagram outlines the redundant paths, ensuring high availability and disaster recovery in case of hardware failure or service disruption.
- Several critical areas require optimization to prevent potential bottlenecks and ensure seamless data flow.
- The existing infrastructure limits the network's scalability, necessitating future upgrades to support growth.

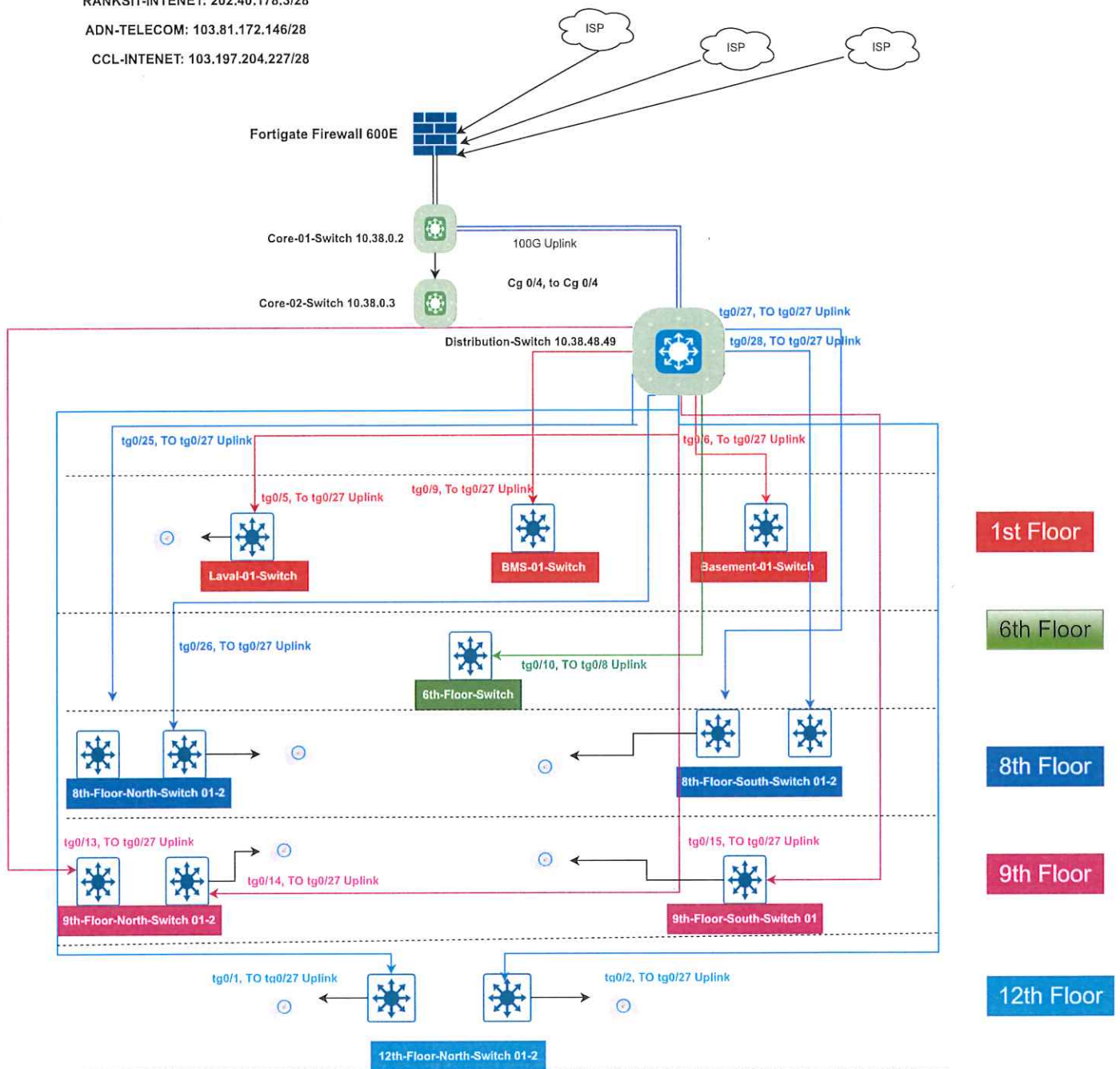
Purpose:

The primary purpose of the network diagram is to provide stakeholders with an understanding of the existing network architecture, support decision-making related to network infrastructure, and identify potential areas for optimization, enhancement, and security improvements. It is an essential tool for IT management, system administrators, and technical teams when planning, deploying, and troubleshooting network systems.

This network diagram serves as a foundation for ongoing network planning, facilitating efficient operations, security, and future-proofing the organization's IT infrastructure.

Akij house 100G port configuration Core Switch To Distribution switch

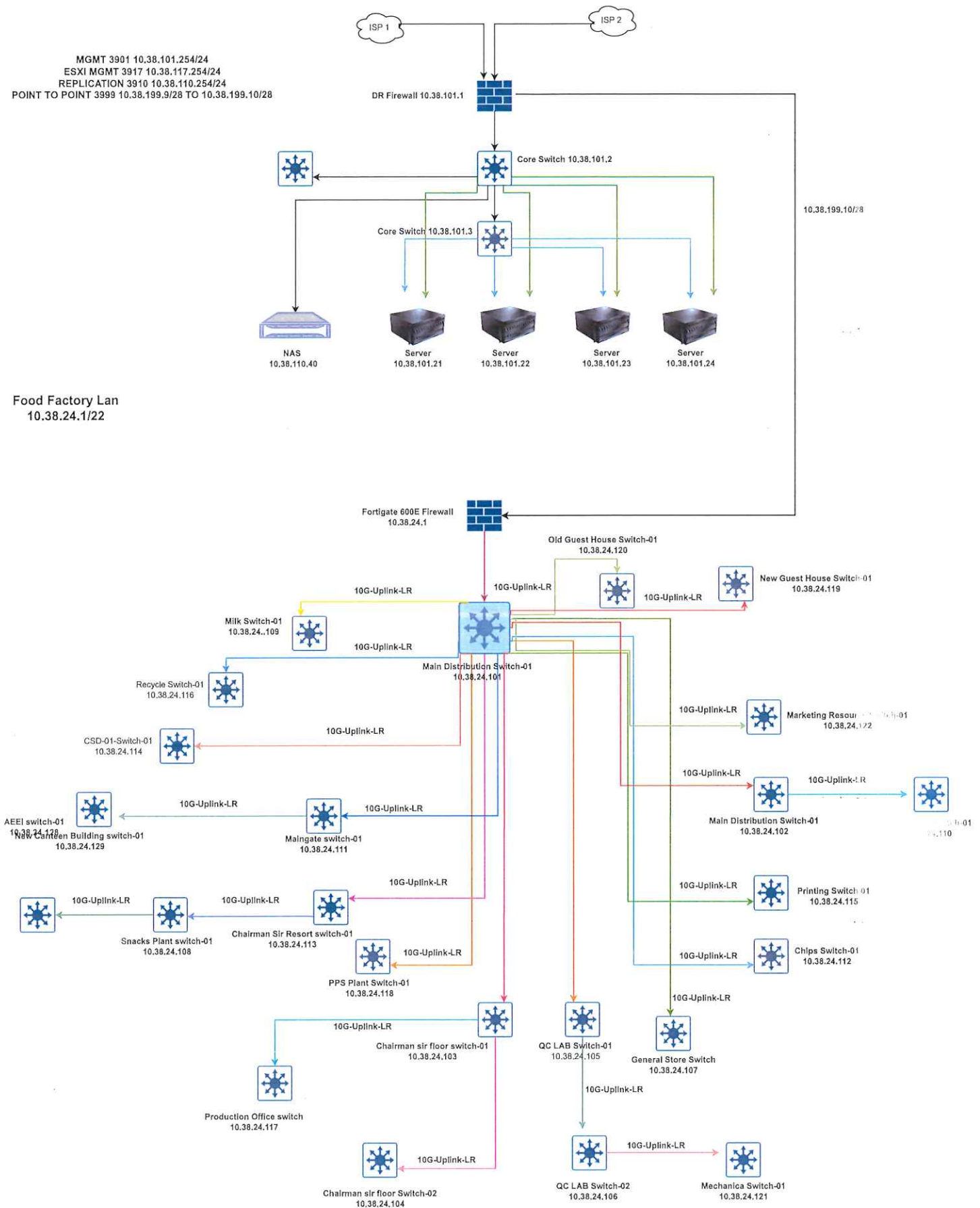
RANKSIT-INTENET: 202.40.178.3/28
 ADN-TELECOM: 103.81.172.146/28
 CCL-INTENET: 103.197.204.227/28



Prepare By Kanak Kumar Sanyal
 Date: 10-01-2025

DR Project

MGMT 3901 10.38.101.254/24
ESXI MGMT 3917 10.38.117.254/24
REPLICATION 3910 10.38.110.254/24
POINT TO POINT 3999 10.38.199.9/28 TO 10.38.199.10/28



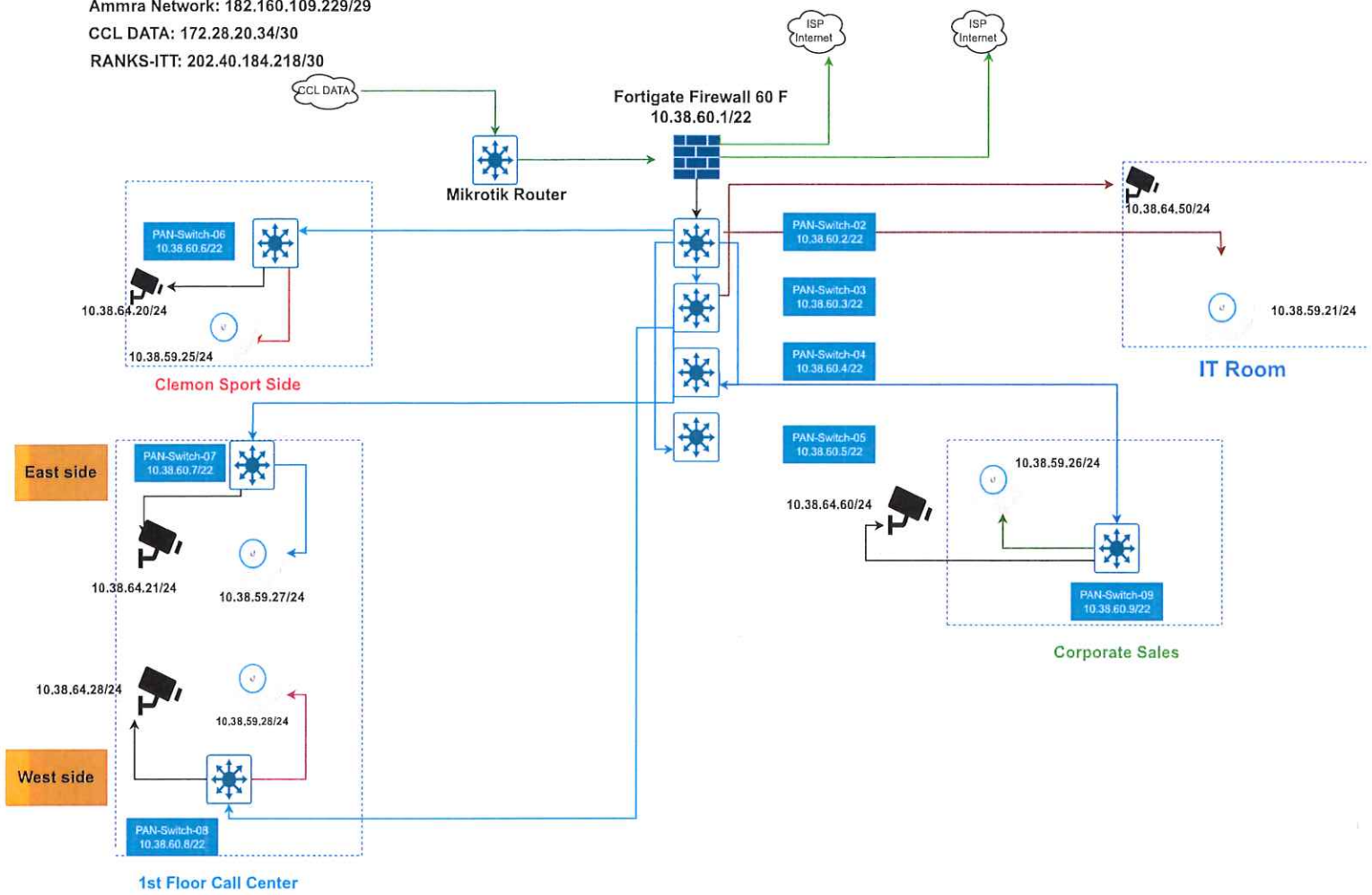
Prepared By, Kanak Kumar Sanyal
Data: 27-02-2025

Panthapath Network Diagram

Ammra Network: 182.160.109.229/29

CCL DATA: 172.28.20.34/30

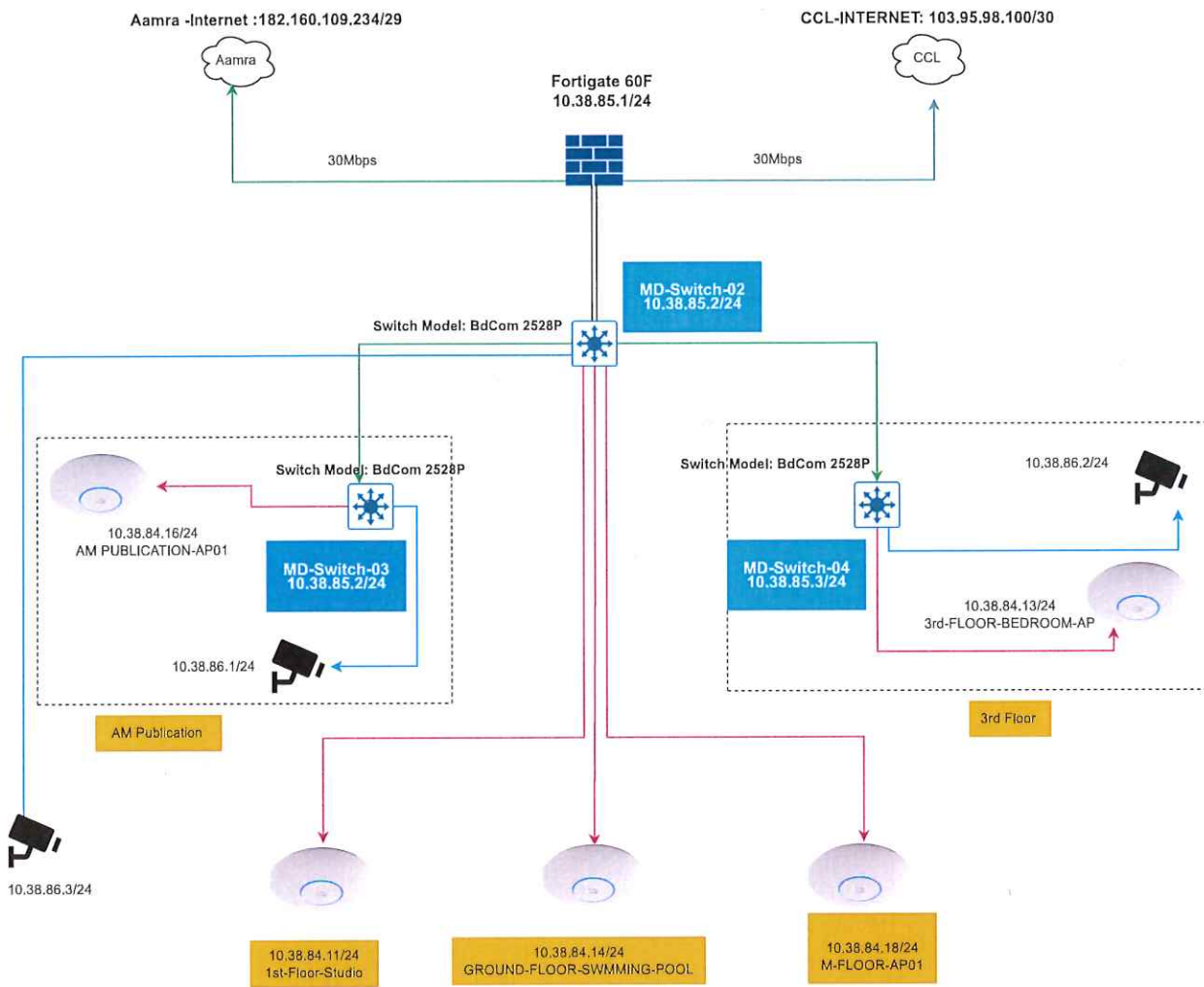
RANKS-ITT: 202.40.184.218/30



Prepared By, kanak Kumar Sanyal

Green: ISP Link
Brilliant Azure: Core Switch Uplink
Black: Camera Uplink
Rondo Of Blood: AP Uplink
Date: 24-02-2025

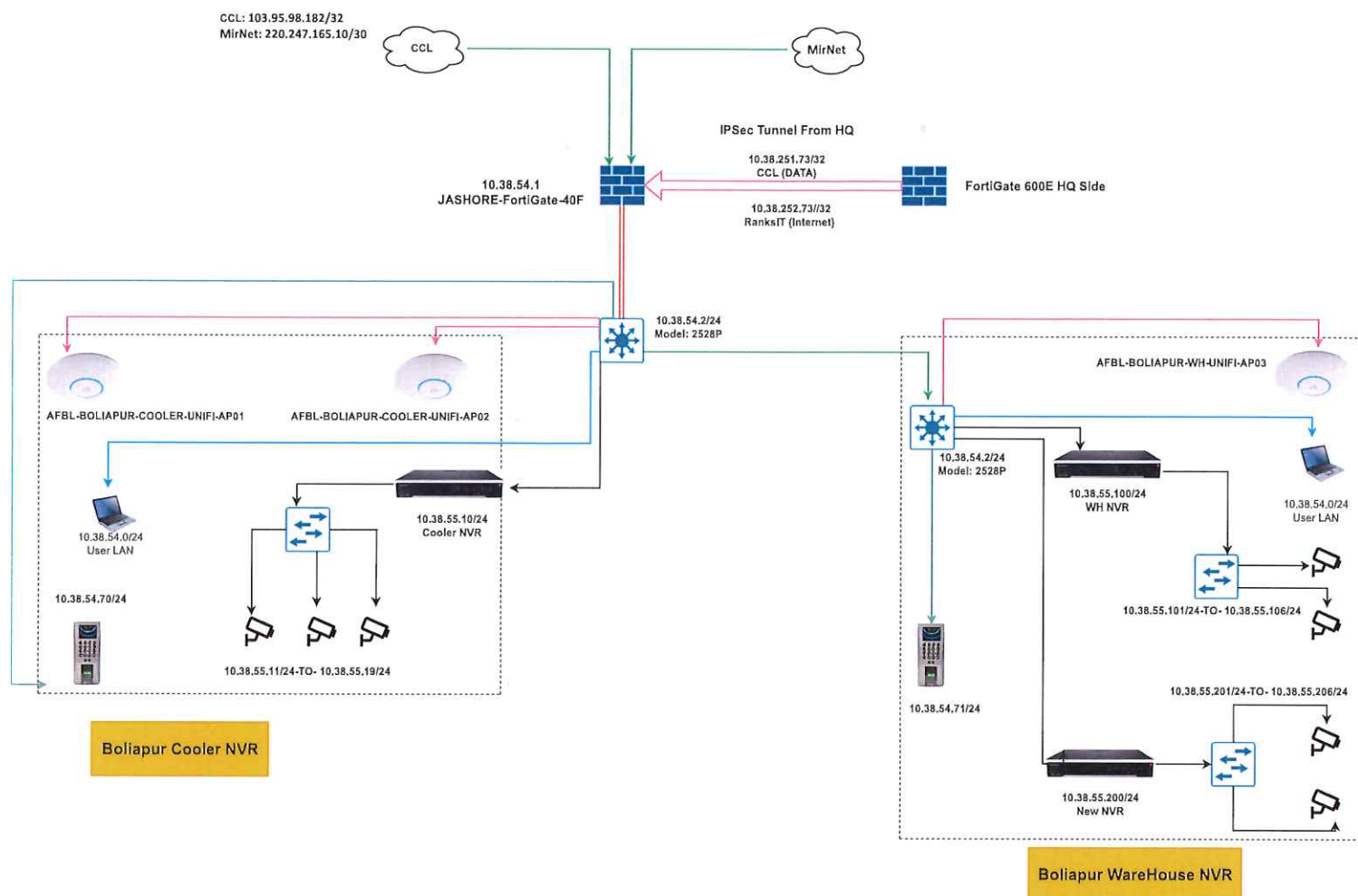
MD House Networking Diagram



Prepared By, Kanak Kumar Sanyal
Date: 23/02/2025

Red= AP
Green= Core Switch
brilliant azure= CCTV

Boliapur Cooler Management and WareHouse



Total Summary

NVR: 03 Pec
CCTV : 22 Pec
User : 30 Approximately

Prepared By, kanak Kumar Sanyal

Date: 24-02-2025

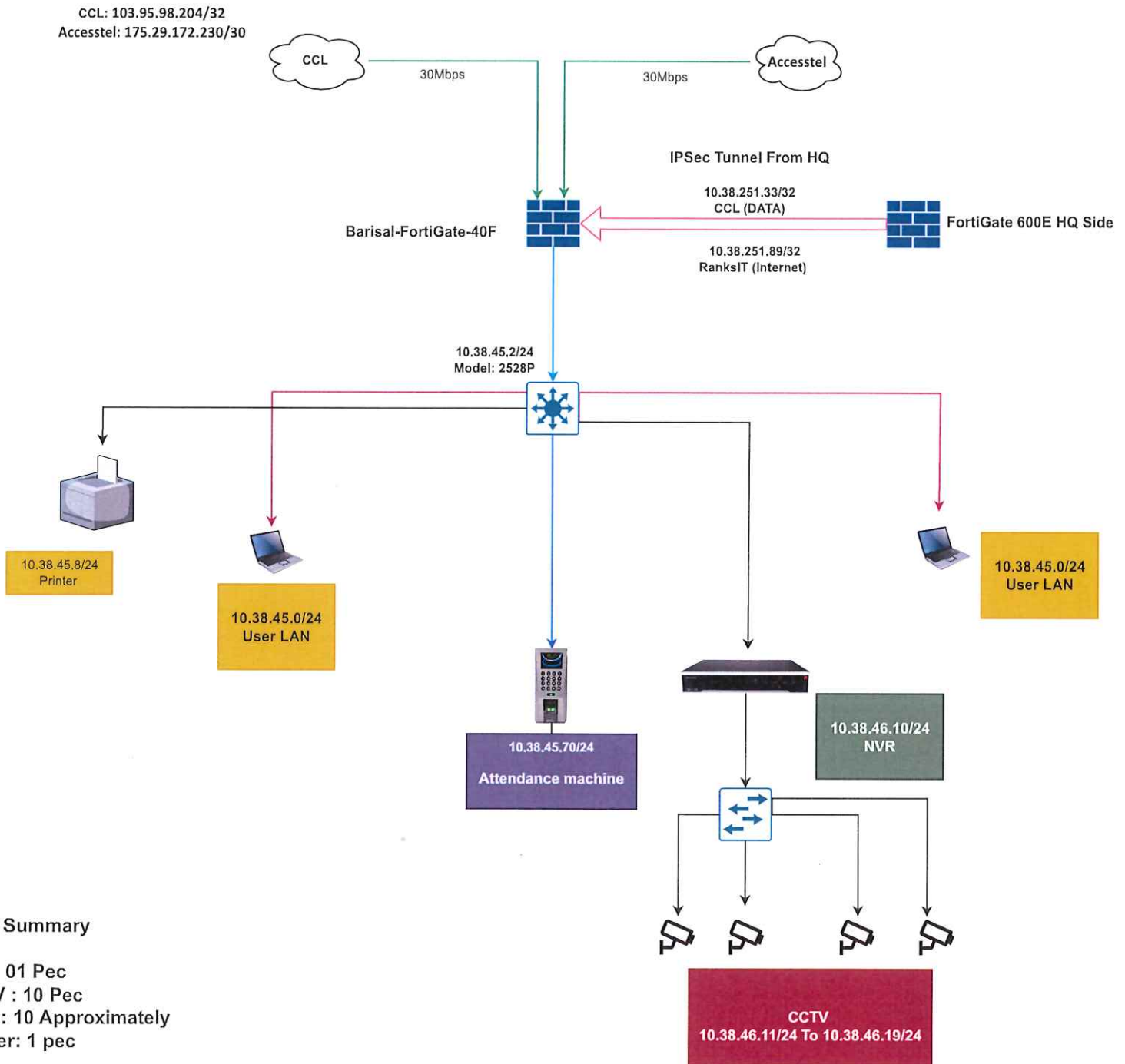
Green: ISP & Core Switch Uplink

Black: Camera Uplink

TRondo Of Blood: User LAN

#ea6b66 hex color: AP

Barisal WareHouse Network Diagram



Total Summary

NVR: 01 Pec
CCTV : 10 Pec
User : 10 Approximately
Printer: 1 pec

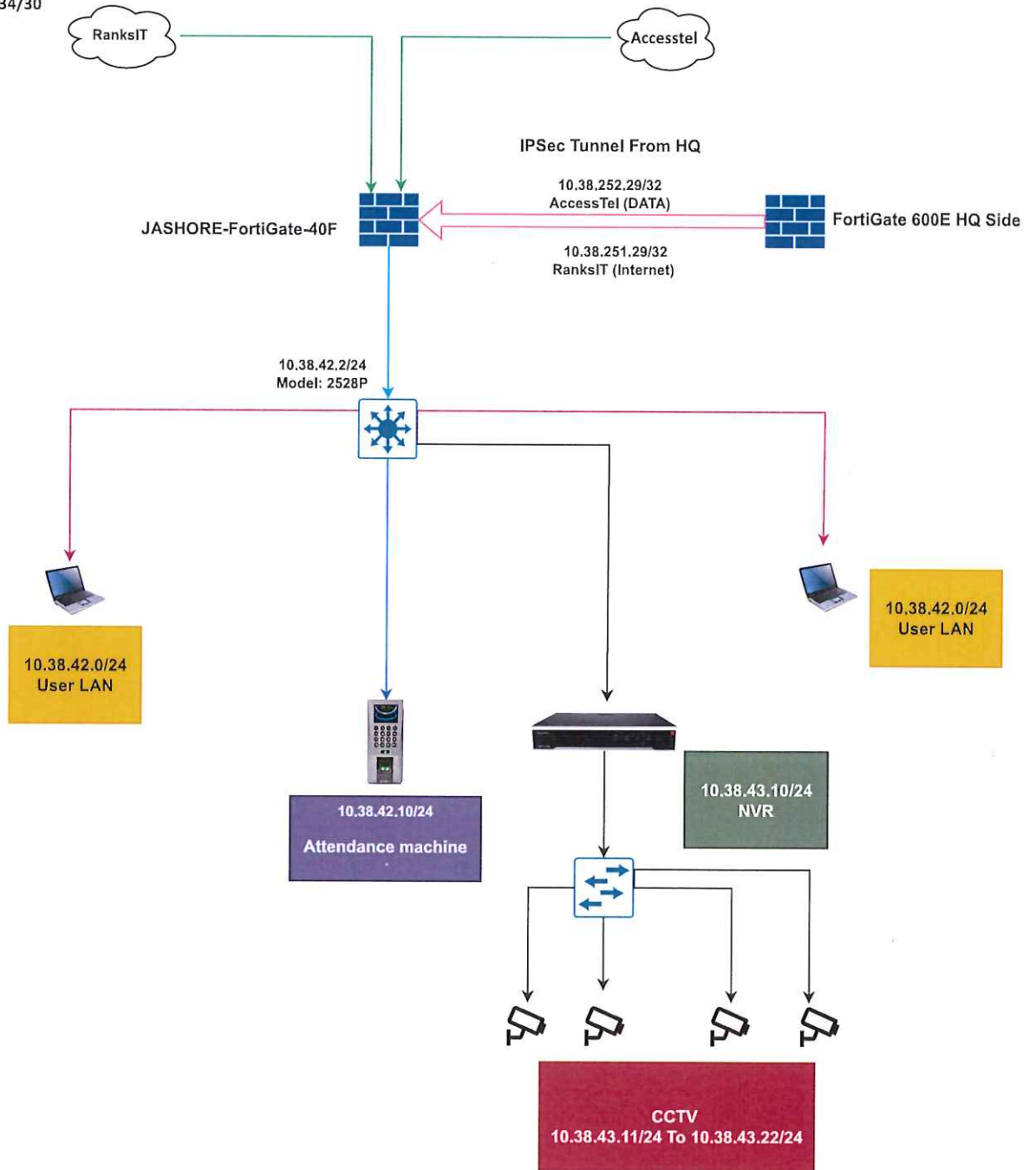
Prepared By, Kanak Kumar Sanyal

Date: 24-02-2025

Green: ISP Link
Brilliant Azure: Core Switch Uplink
Black: Camera Uplink
Rondo Of Blood: User LAN

Jashore Depo Network Diagram

RanksITT : 202.40.186.90/30
AccessTel: 175.29.172.234/30



Total Summary

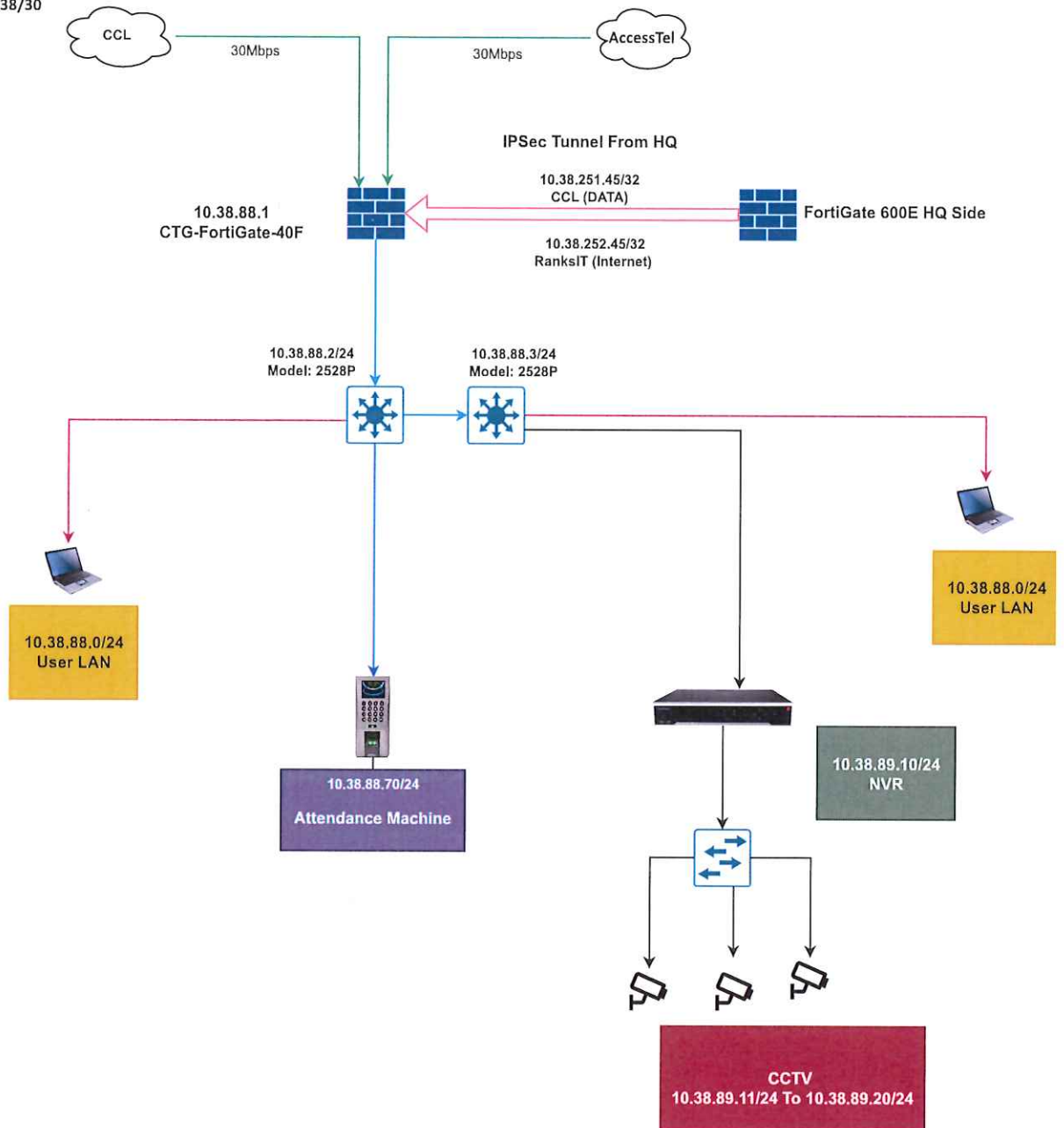
NVR: 01 Pec
CCTV : 11 Pec
User : 10 Approximately

Prepared By, kanak Kumar Sanyal

Green: ISP Link
Brilliant Azure: Core Switch Uplink
Black: Camera Uplink
Rondo Of Blood: User LAN
Date: 24-02-2025

Bogra WareHouse Network Diagram

CCL: 103.95.98.181/32
AccessTel: 175.29.172.238/30



Total Summary

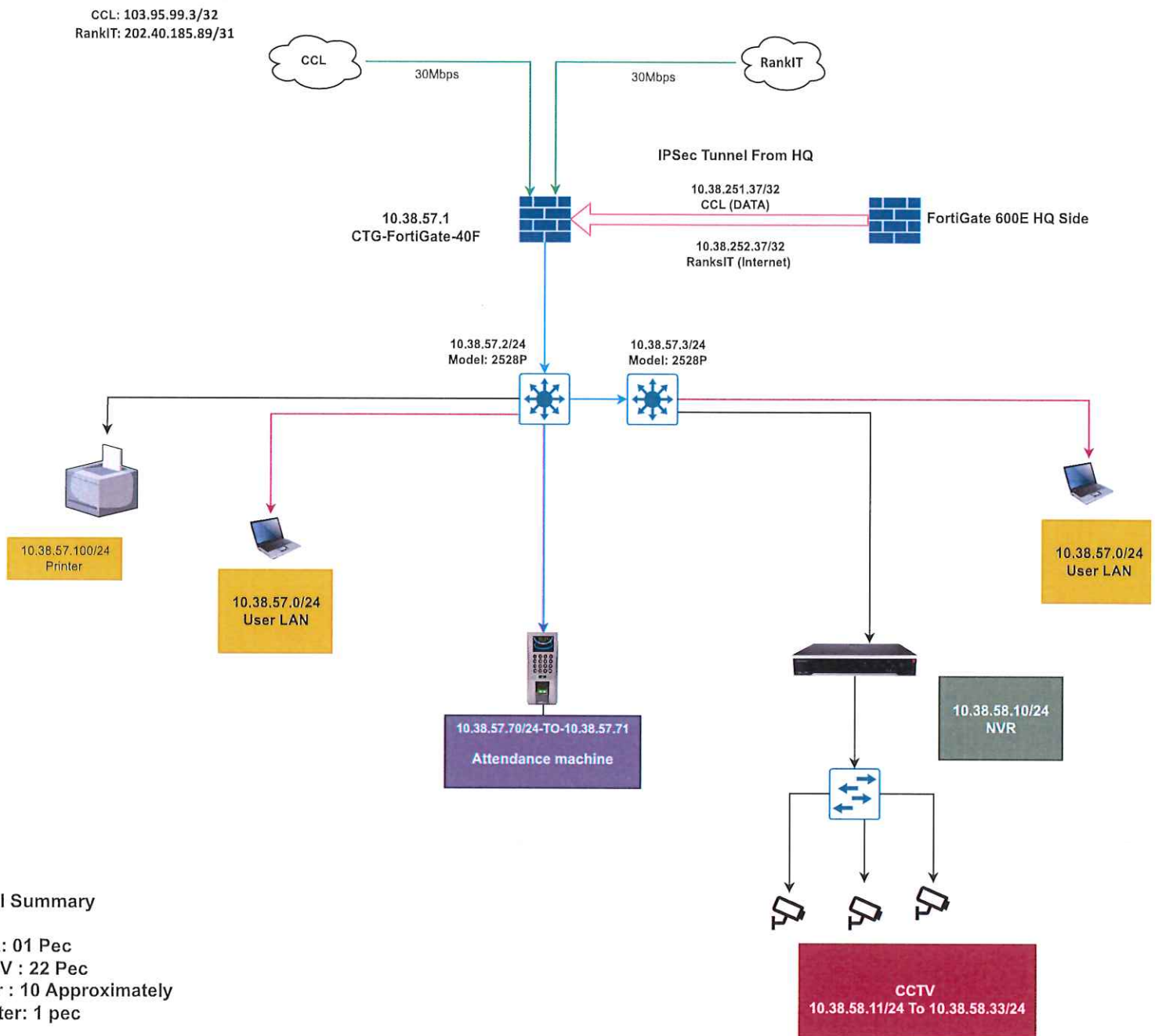
NVR: 01 Pec
CCTV : 10 Pec
User : 10 Approximately
Printer: 1 pec

Prepared By, Kanak Kumar Sanyal

Date: 24-02-2025

Green: ISP Link
Brilliant Azure: Core Switch Uplink
Black: Camera Uplink
Rondo Of Blood: User LAN

Chittagong WareHouse Network Diagram



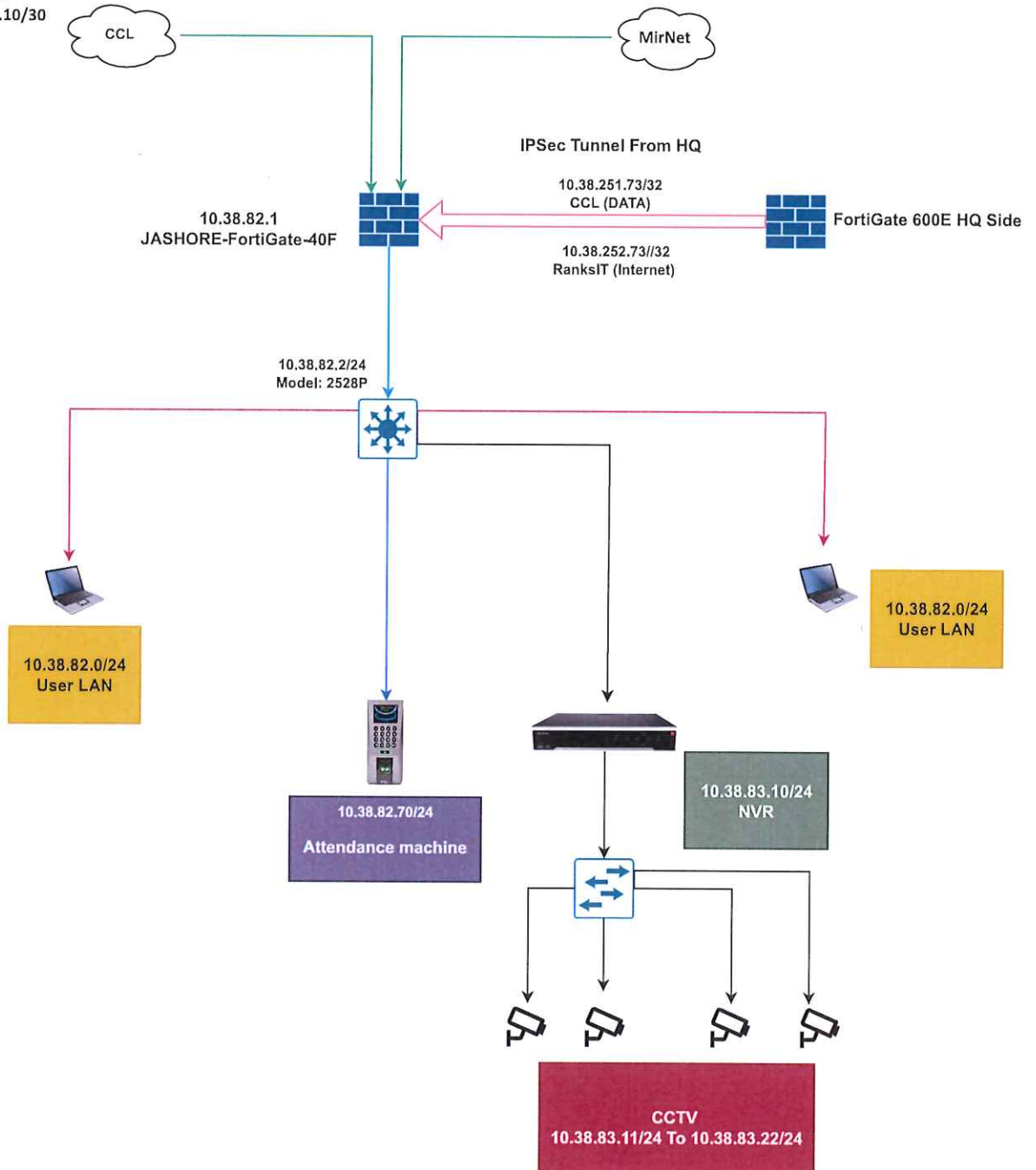
Prepared By, Kanak Kumar Sanyal

Date: 24-02-2025

Green: ISP Link
Brilliant Azure: Core Switch Uplink
Black: Camera Uplink
Rondo Of Blood: User LAN

Rangpur Depo Network Diagram

CCL: 103.95.98.182/32
MirNet: 220.247.165.10/30



Total Summary

NVR: 01 Pec
CCTV : 10 Pec
User : 10 Approximately

Prepared By, kanak Kumar Sanyal

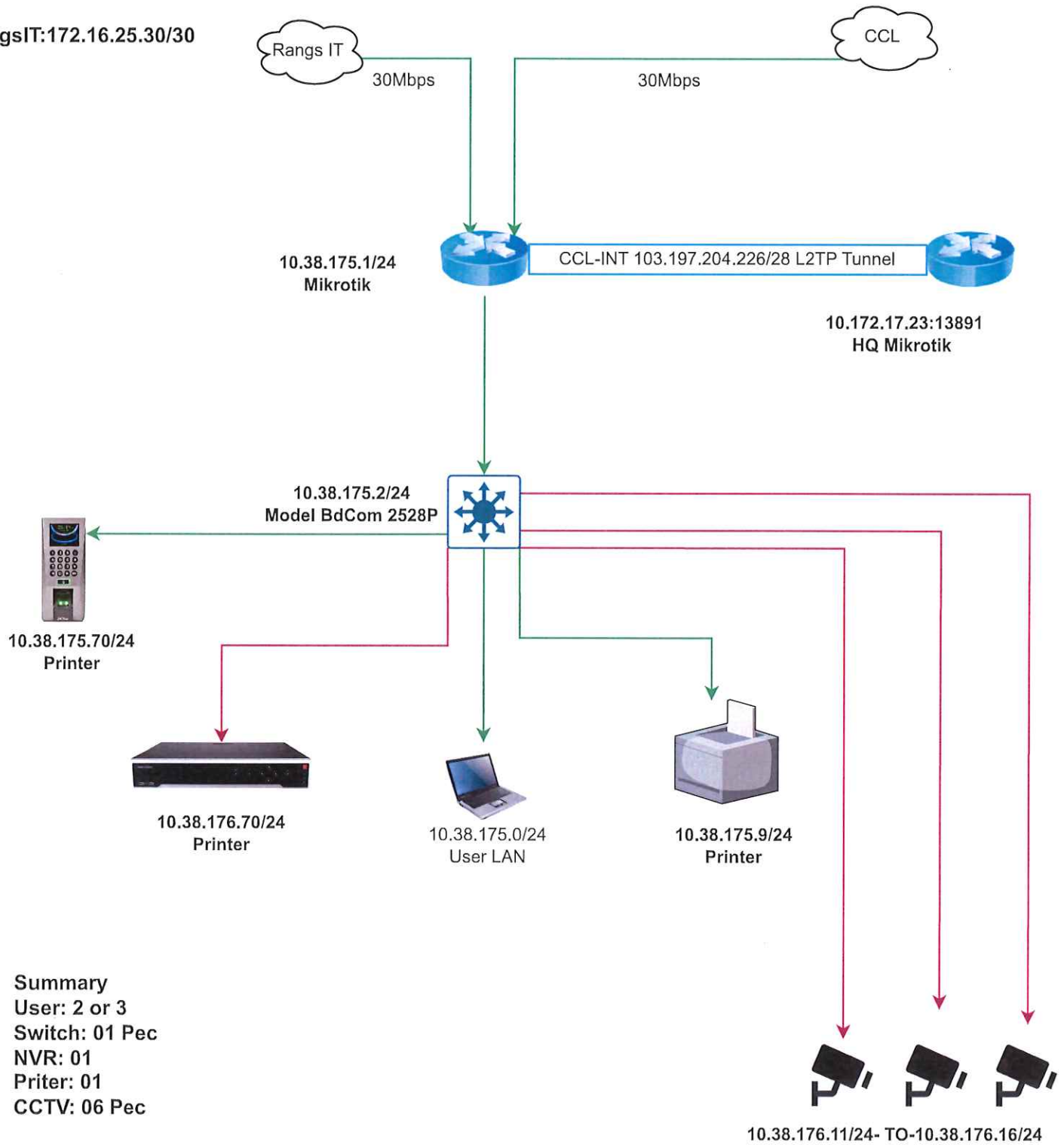
Date: 24-02-2025

Green: ISP Link
Brilliant Azure: Core Switch Uplink
Black: Camera Uplink
Rondo Of Blood: User LAN

Mymensing Warehouse

CCL: 172.28.63.126/30

RangsIT:172.16.25.30/30



Summary

User: 2 or 3

Switch: 01 Pec

NVR: 01

Printer: 01

CCTV: 06 Pec

Prepared By Kanak Kumar Sanyal

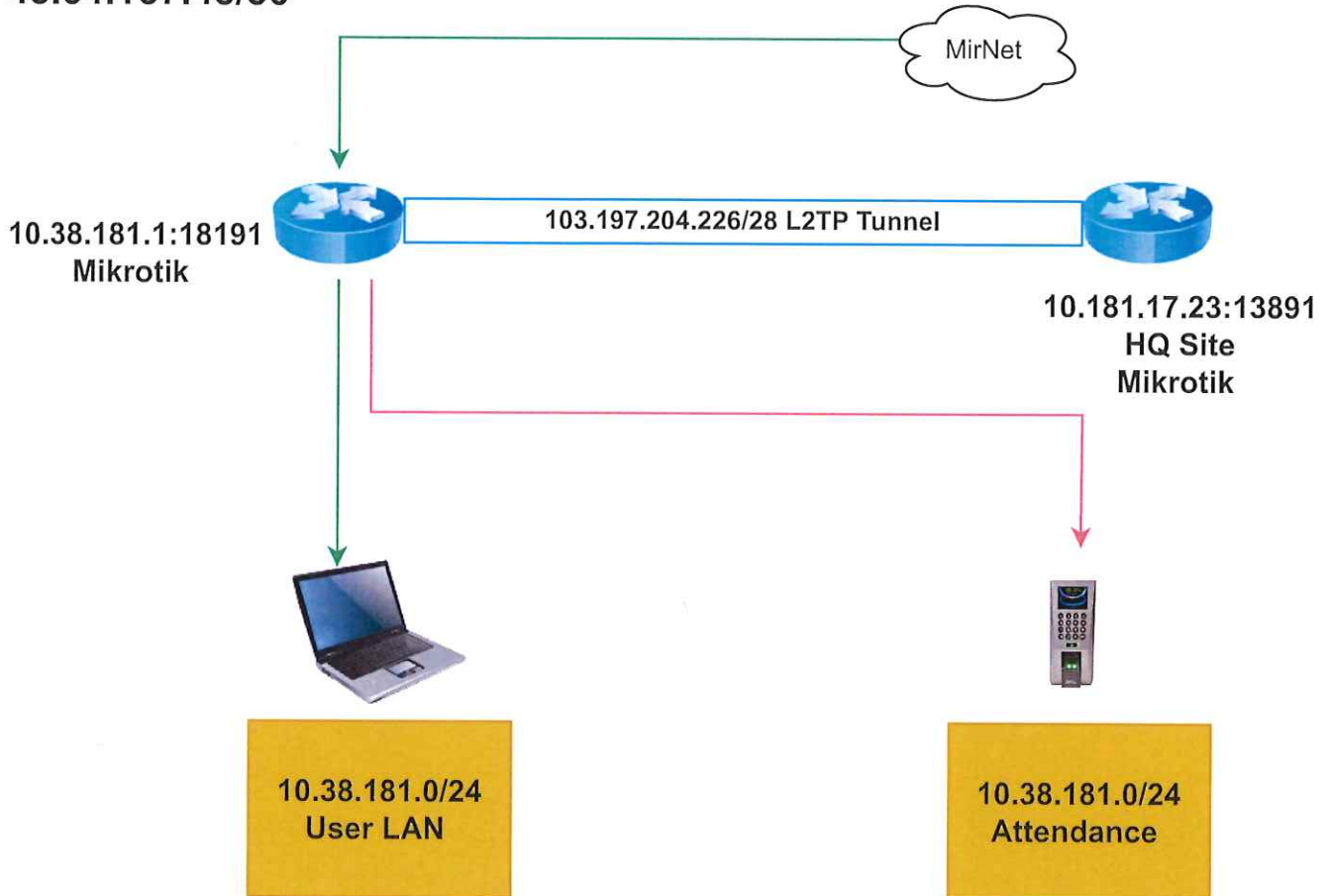
Date: 26-02-2025

Green: UP link Switch & User LAN

ea6b66 color: CCTV & NVR

Cox's Bazar Depo

Mirnet: 45.64.167.48/30



Summary

Router : 01

Attendance Machine: 01

User : 01

Prepared By , Kanak Kumar Sanyal

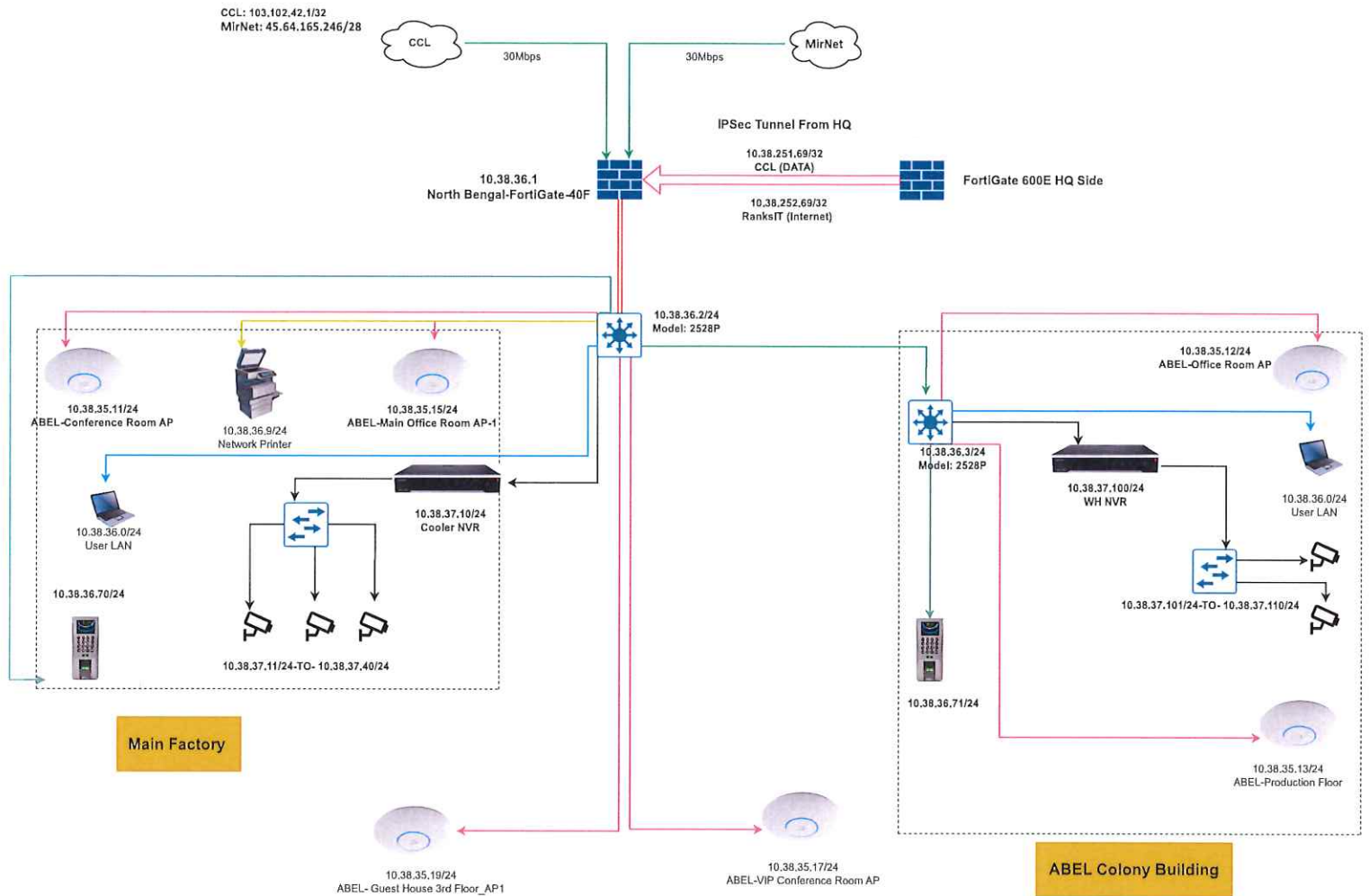
Date: 26-02-2025

Green: UP link User LAN & ISP

ea6b66 color: Attendance Machine

North Bengal Cycle Factory

CCL: 103.102.42.1/32
MirNet: 45.64.165.246/28



Total Summary

NVR: 03 Pec
CCTV : 22 Pec
User : 20 Approximately

Prepared By, kanak Kumar Sanyal

Date: 24-02-2025

Green: ISP Link & Core Swic Uplink

#ea6b66 hex color: AP

Tangerine Yellow: Printer

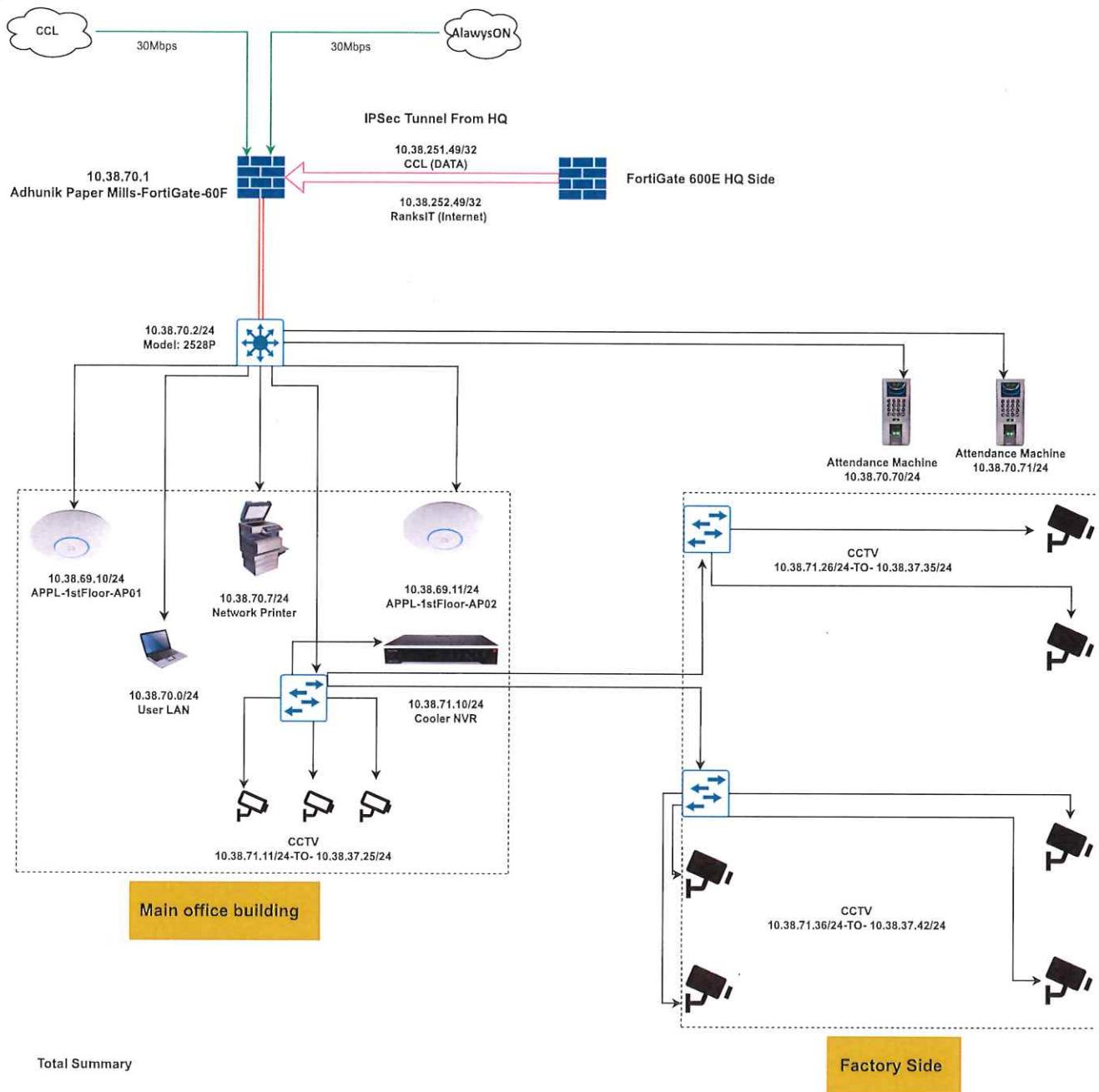
Black: Camera Uplink

Rondo Of Blood: User LAN

#67ab9f Color Hex: Attendance Mechine

Adhunik Paper Mills

CCL: 103.197.206.10/32
AlwaysON: 49.0.44.90/30



Total Summary

NVR: 03 Pec
CCTV : 22 Pec
User : 20 Approximately

Prepared By, kanak Kumar Sanyal

Date: 24-02-2025

Green: ISP Link & Core Switc UPLink

#ea6b66 hex color: AP

Tangerine Yellow: Printer

Black: Camera Uplink

Rondo Of Blood: User LAN

#67ab9f Color Hex: Attendance Machine