

## Trip Report – Prague Warehouse Visit

Date: July 18, 2025

Trip Duration: July 15–18, 2025

Location: Prague Warehouse

### Objective

The purpose of this trip was to assess the readiness of the Prague Warehouse for network deployment, verify hardware inventory, perform infrastructure configurations, and provide on-site support for outstanding IT issues.

### Day 1: Tuesday, 15 July 2025

#### Activities Conducted:

- Site Tour: Inspected existing and new facilities to understand layout and infrastructure, visited the sales office and the old warehouse.
- Wireless Site Survey:
  - Performed a full wireless network site survey using for access points in the old warehouse via NetSpot network survey tool.
  - Crated a site map for the eight access points
  - survey results showed good coverage in most areas.
- Structured Cabling Review in New Warehouse:
  - All first floor Cat6 cables (for APs, CCTV, phones, printers, and TVs) for the new warehouse were found to be routed to the server room.
  - 12 boxes of phase plates with pre-installed Cat6 cables are present and ready for termination in the first-floor office complex.
  - Office complex and phone booth areas await termination of phase plates.
  - Conference room cabling installed but pending terminations.
- Hardware Inventory:

Inventory was checked against the purchase order. The following items were received:

  - 2× Xerox printers (for Lukas and Zuzana)
  - 1× TV base
  - 5× Yealink MP56 E2 phones

- 18× Yealink headsets
- 2× Juniper EX4100 48-port switches
- 8× Juniper AP43E-WW access points
- 2× Juniper AP34-WW access points
- 1× Dell OptiPlex
- 1× Yealink conference pager
- 15× Yealink MP54 E2 phones (only 1 unit delivered, 14 units pending – expected by end of July)
- 1× Dell P2724DEB monitor (for phone booth)
- 2× FSP Champ 3000 UPS
- 1× 55” Samsung TV
- 1× Smart board – Pending delivery
- IT Support Provided:
  - Provided support for Lotus Notes issues for Adam.
- Keyence Scanner Issue:
  - The device began working without intervention, performed functionality tests using shipment that came in from United Kingdom and test Purchasing order created by Lynda, all tests passed successfully.

## **Day 2: Wednesday, 16 July 2025**

### **Activities Conducted:**

- Juniper Switch Configuration:
  - Commissioned and onboarded 2 Juniper EX4100 switches to Mist Juniper Cloud,
  - Assigned them to Prague warehouse site and gave them the naming format recommended by Paul
  - configured them from unassigned status to disconnected and connected status,
  - Verified ping 8.8.8.8 and ping manage.mist.com
  - One of the switches succeeded and was able to reach Mist cloud. The second switch failed, and the uplink was not giving IP and DNS which it was supposed to pick up via DHCP.
  - Troubleshooting the switch via Putty Console showed that the switch was stuck in a loop, failing Zero Touch Provisioning and restarting DHCP failed.

(ZTP is a Juniper feature that allows a switch to automatically get its IP address via DHCP, pull a configuration file or script, Contact the Mist cloud and get onboarded).

- I used the command request system zeroize to factory reset the switch back to default and clear the loop where it was getting stuck from getting to Mist and reclaimed the switch back to Mist Cloud and it got onboarded successfully.
- tested the two switches using my personal laptop and the newly commission juniper access points, to test for connectivity and it was successful
- Access Point Deployment:
  - Commissioned, Onboarded and configured 10 Juniper APs (8× AP43E-WW, 2× AP34-WW).
  - Successfully upgraded firmware of all APs to the latest version.
- IT Support:
  - performed functionality tests using shipment that came in from Canada and another test Purchasing order created by Lynda, all tests passed successfully.

#### Activities Conducted

Day 3: Thursday, 17 July 2025

- Teams Telephony Deployment:
  - Installed, Configured and deployed 3 Teams handsets to Lenka, Zuzana and Adam.
  - Other devices not yet delivered as the complete phones were not available and the sales team who need these phones were having their quarterly sales meeting. Deployment will continue once they arrive.
  - Tested the teams call and local calls on the three phone and all tests were successful
- General IT Support:
  - Provided on-site assistance to resolve Epson Scanner issue for Lenka and Adam's Laptop,

#### Conclusion and Next Steps

##### Overall Outcome:

The trip objectives were largely met, with substantial progress on infrastructure setup,

network hardware inventory, and device configurations. Wireless infrastructure and switching backbone are functional pending cable terminations and final delivery of hardware of remaining phone but all infrastructure are ready for deployment.

Pending Actions:

- Termination of Cat6 patch plates across all office and utility spaces.
- Delivery and deployment of the remaining 14 Yealink MP54 phones.
- Delivery of the smart board.
- Continued Teams phone configuration as additional units arrive.
- Final wireless signal verification after APs are mounted.