



Deployment Best-Practices Checklist

General Project Management for Deployments

It is always a good idea to involve your key IT stakeholders during the requirements gathering phases to help them better understand the business impact of this implementation. Here are a few checks to be mindful of:

- Identify key stakeholders.
- Gather security requirements.
- Verify deployment type: Server on premise, VM on premise, Cloud deployment.
- Verify Skylight server deployment configuration: Single server or distributed server.
- Design how Skylight lives on the customer's network.
- Understand and document key use case(s) and develop key metrics as milestones.
- Plan and identify phases of the rollout (POC, Pilot, Production).
- Align rollout phases above with timeline for UAT.
- Confirm preliminary pilot schedule.

Network Evaluation

Have your customer IT evaluate their current network and plan for capacity needs. To achieve the best results during testing, use the following methodology:

- Inventory of internal backend systems that will connect to Skylight.
- Test TCP/UDP reliability from all locations to the Skylight server, to ensure that clients accessing the server within your network or through cellular can reliably establish and maintain a connection to the server.
- Test ICMP connectivity from all network locations to the Skylight server, to ensure that clients in your network can reach the server.

Network Configuration

The following recommendations describe network configurations that will help provide the customers users with the best experience with Skylight. These recommendations increase network availability and performance:

- Review Security Overview Document for Skylight.
- Open the ports in your firewalls required by Skylight services.
- Design architecture with latency and bandwidth issues in mind.

Server, Device, Client Readiness Evaluation

Review Skylight Technical requirements for your developers, your customers' users and any external dependencies necessary. These recommendations assist in server/client level readiness:

- Verify device security requirements with your customer's business/security leads.
- Determine if external users or Active Directory integration is required for this implementation. Inventory full list of end users requiring access both at the add-in or client application level.
- Review authentication requirements and flow with your developers. For more information, see the Security Overview Guide for Skylight.
- Configure Windows server with administrative permissions necessary to execute offline installs.
- Acquire Wearable devices, with the latest Skylight client software.
- Configure and deliver smart glasses with Skylight pre-configured. Note the additional steps for TURN server implementation.
- Test your Smart Glasses on your provisioned network. Ensure that the client is able to pull data from the network.
- Currently, the supported browser for Skylight is Google Chrome.

Network Monitoring

Use monitoring tools to maintain and administer an existing network that is already working with Skylight:

- Consider network packet capture tools to assist in identifying possible performance issues during troubleshooting. Your Solutions Lead can provide suggestions of appropriate tools for this type of evaluation.