



NSO Delivery Process

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If you are unsure about NSO and NSO design, initiate by contacting an NSO Subject Matter Expert (SME) in the BU. They can help you identify best practices and well-known approaches to that particular design. A short interaction can save a lot of time later.

Once the design is in "final draft" stage. **Ensure you conduct a peer review from an NSO SME.** Small changes here can result in massive effects later. Also, inform the customer that this is a freeze point (divide project into multiple segments to allow for input after each segment).

In a perfect world, we would do all tests on hardware. However, software tests are cheaper and faster. When doing software tests, make sure you do these throughout the build and that you build based on pre set test cases. Ensure that commits are made to CI/CD system and feedback is noted.



The design stage is, in many ways, the most critical stage. Ensure you have a clear requirements list and that you are aware of the different choices that do exist for NSO. Also, clearly document key aspects of your design and verify with the customer. This includes taking a physical topology inventory of HW available for testing and identifying gaps early on. Many later challenges we have identified actually came into existence as dormant challenges from the design stage!

Test cases should be created early as they provide a clear red thread through your build and later testing. Also, this helps identify "rainy day" scenarios early. In addition, start communicating requirements for NED interaction to the BU dev team.

Finally, At this point, the customer should be involved in code reviews alongside your development process. Involvement is key.

Make sure you test on physical hardware as this is the only way to find some defects prior to the go-live stage. Also, test early by dividing your project into multiple segments



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TOMORROW starts here.