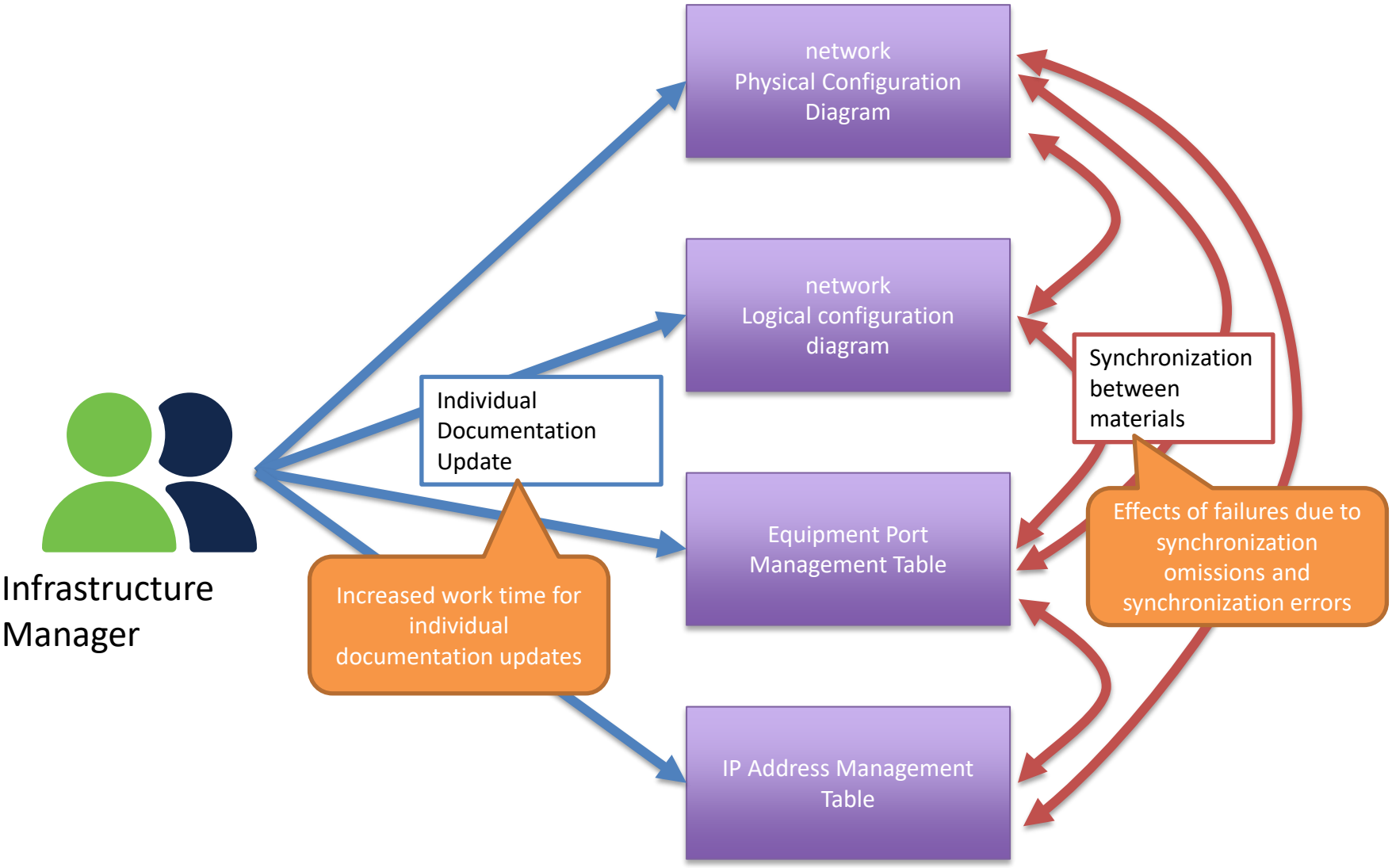
Network Sketcher

This platform that helps make network design and configuration management faster, more accurate, and easier.

Overview

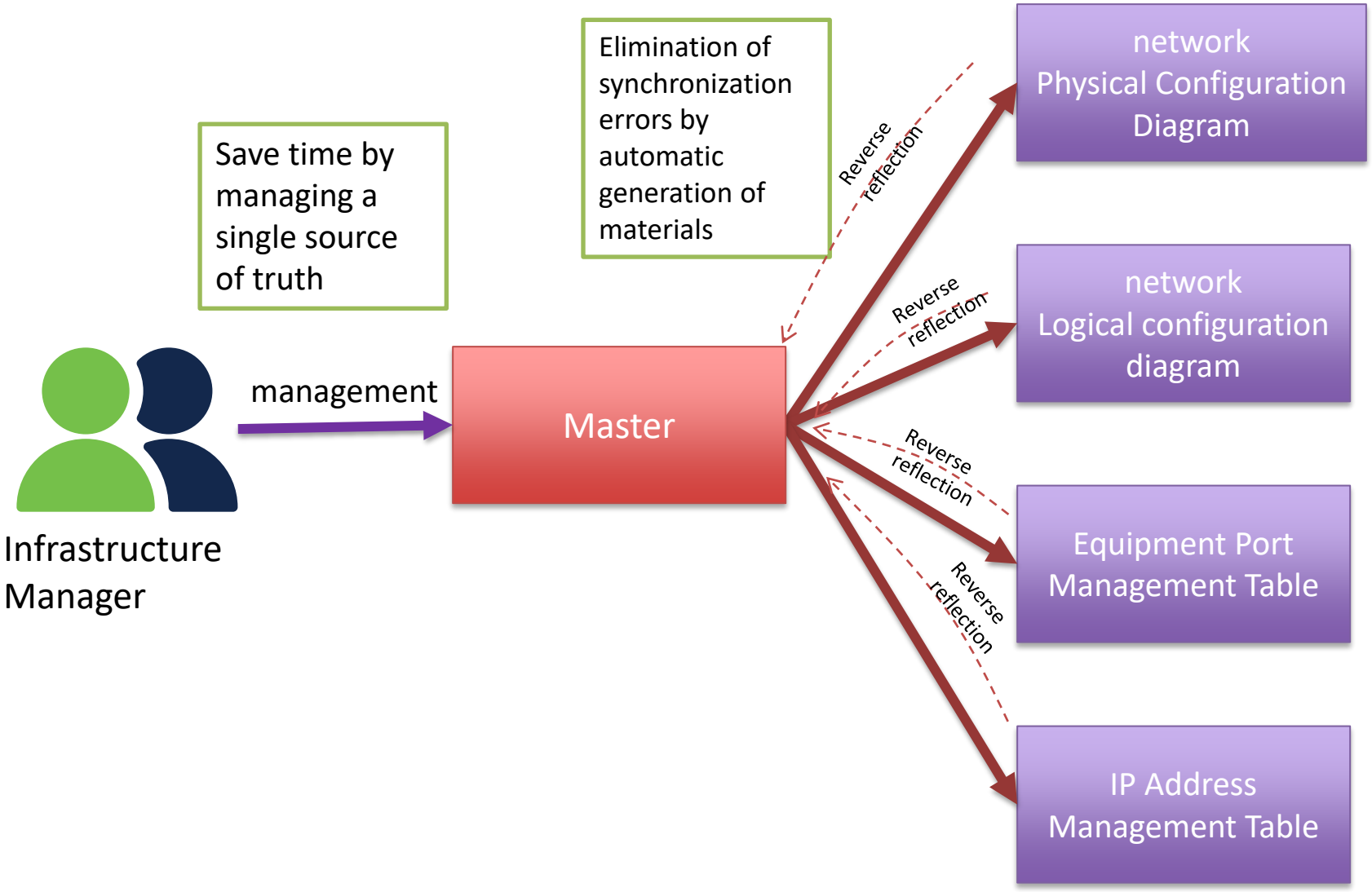
Challenge: Asynchronously decentralizing network configuration management materials

Network configuration management requires a large physical and logical configuration diagram, a port management table, and an IP address management sheet. Currently, the effects of increased work time due to individual maintenance and failures due to synchronization errors between materials are becoming constant.



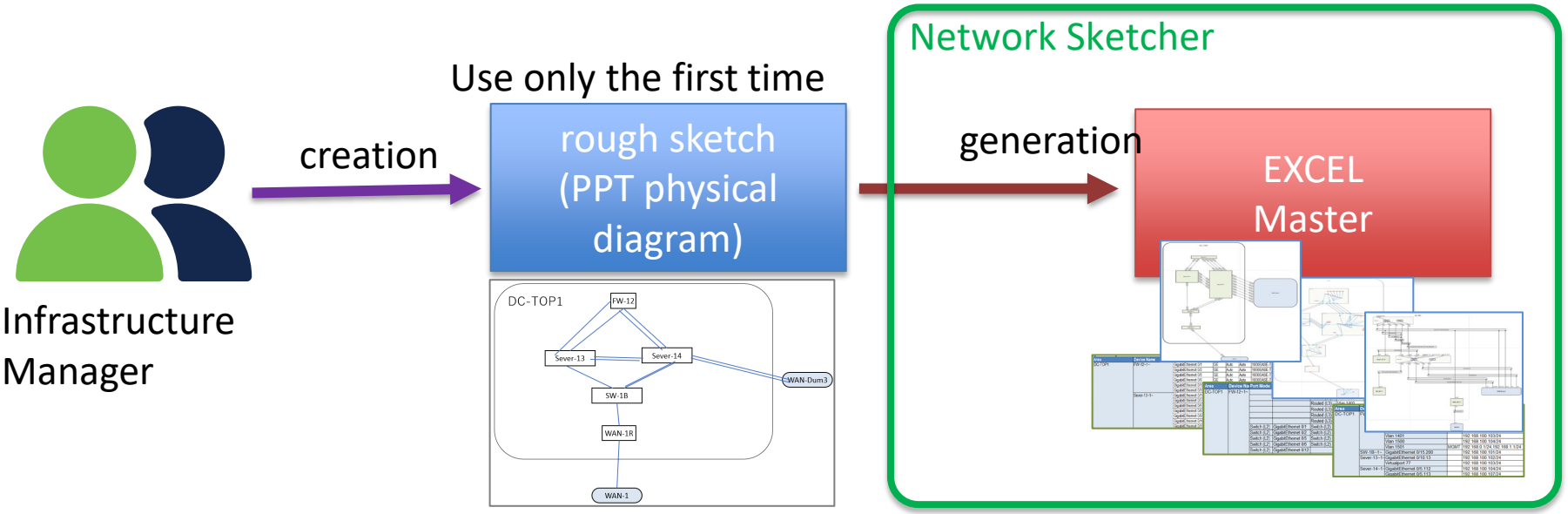
Solution 1: Aggregating network configuration information

As a solution strategy, by preparing a master table constituting the network and changing the policy to generate each management document from the master table, you can aim to reduce work time and eliminate synchronization errors between documents.



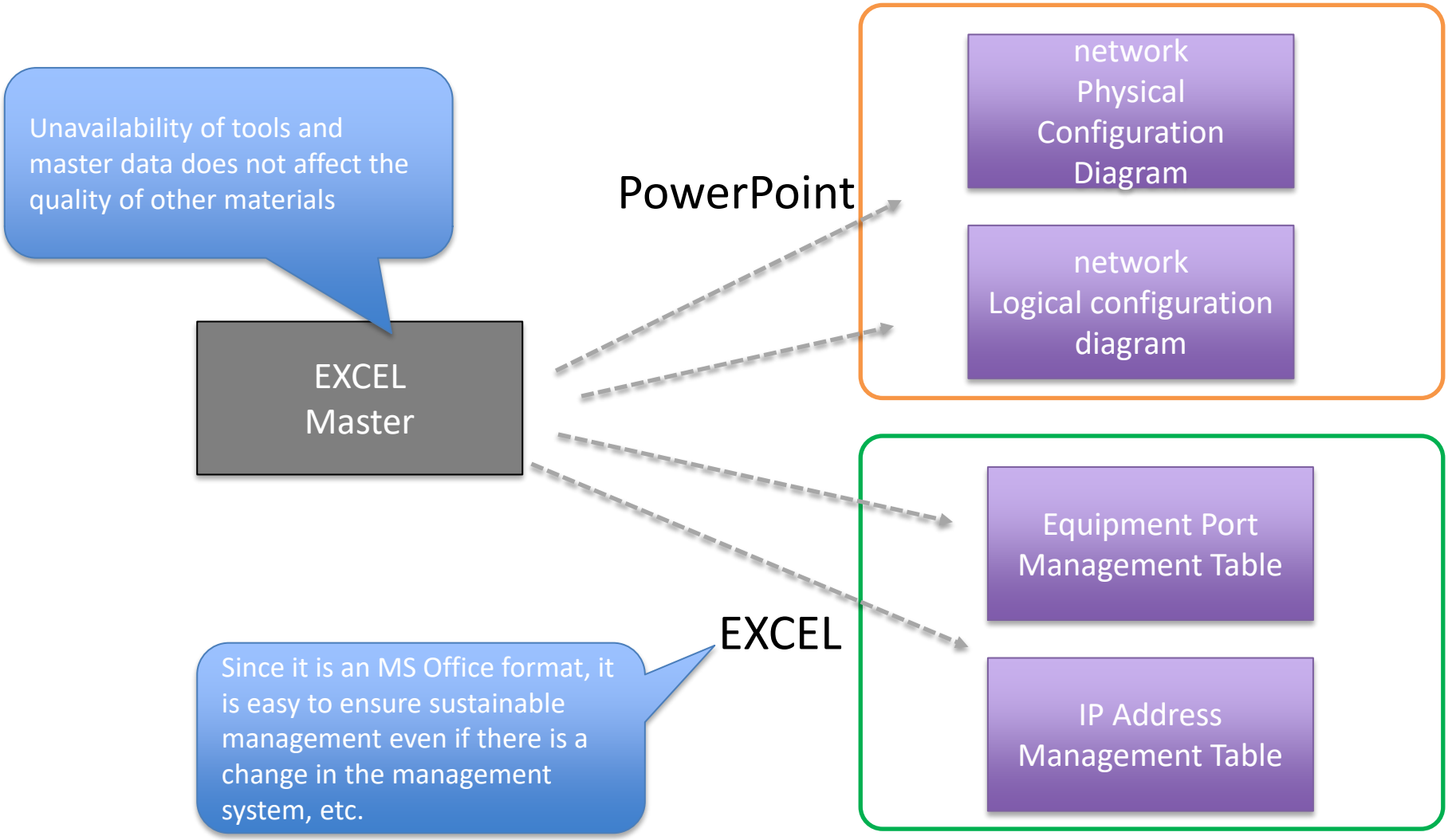
Solution 2: Creating master data from rough sketches

The first step in handling NS DX is to create master data, which is the biggest hurdle. To dramatically improve the efficiency of this process, we provide a function that automatically generates EXCEL master data from PPT rough sketches.



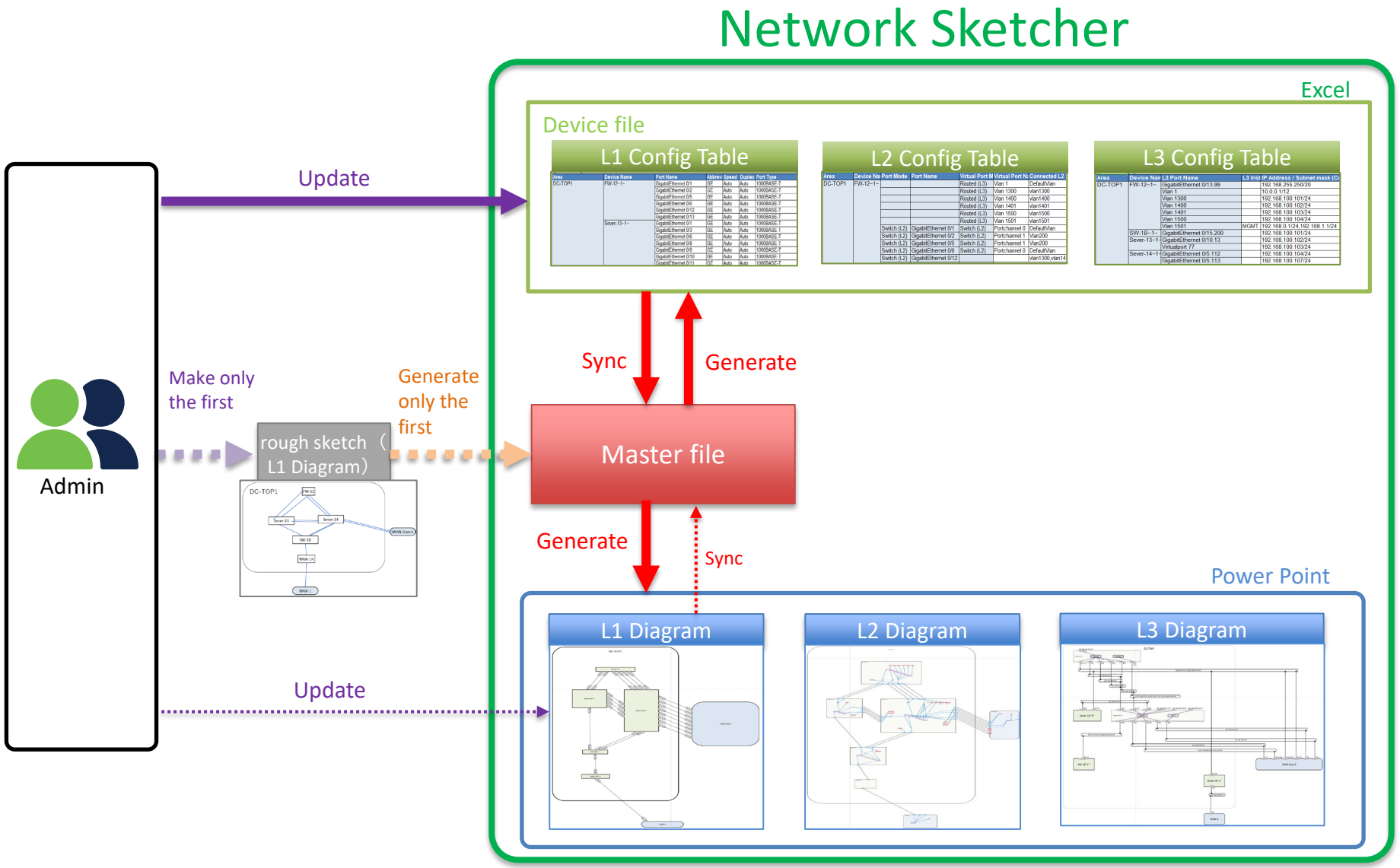
Solution 3: Durable MS Office format configuration material

Since all the configuration materials are in MS Office format, even if the tool becomes unavailable for some reason, subsequent maintenance is possible. This minimizes the hurdles and risks of starting to use the tool from a sustainability perspective.



Network Sketcher realizes these concepts

Network Sketcher is a new-age network design platform that integrates network configuration aggregation and automatic network diagram generation.

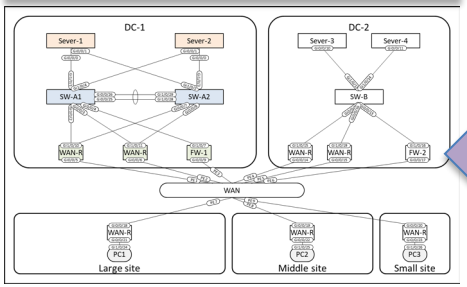
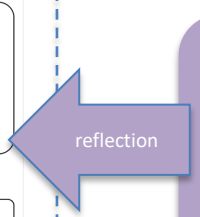
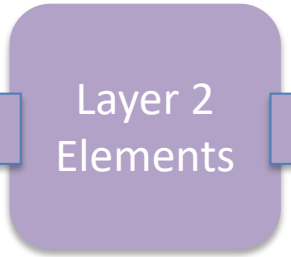
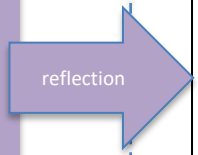
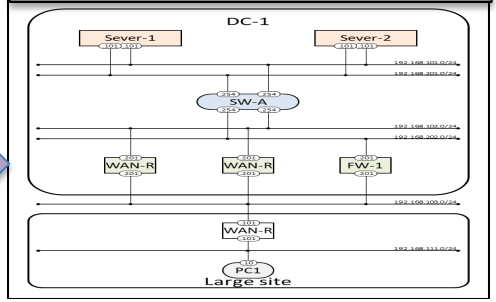
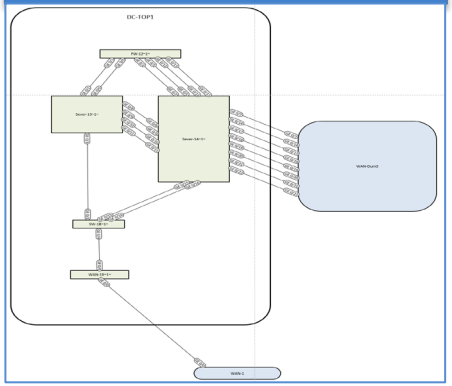
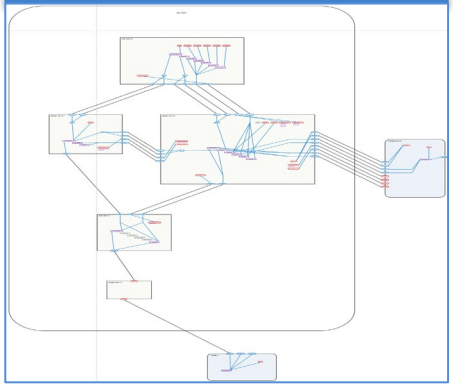
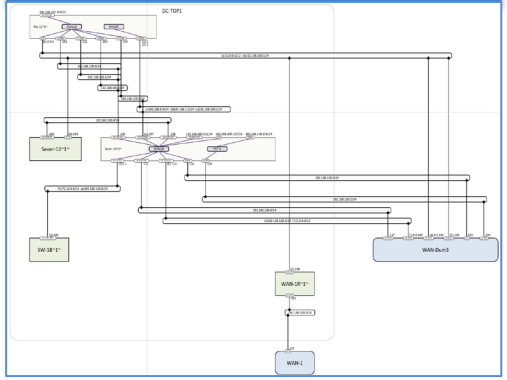


feature

1. Standardization of Layer 2 configuration diagrams
2. Synchronizing updates between layers
3. Delivered in a secure, stand-alone format
4. Easy-to-operate GUI (quick panel method)

Feature 1: Standardization of Layer 2 configuration diagrams

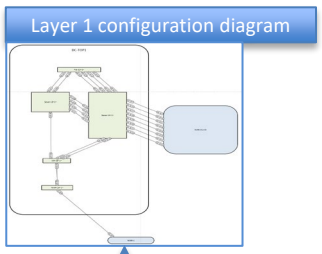
So far, two types of diagrams have been created: a physical diagram and a logical diagram. NS is divided into three parts: Layer 1 configuration diagram, Layer 2 configuration diagram, and Layer 3 configuration diagram.
This allows you to more accurately illustrate the network configuration information.

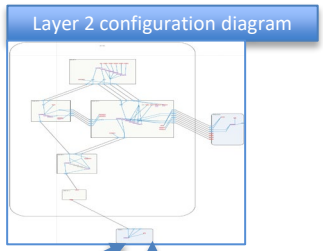
	Layer 1 Elements	Layer 2 elements	Layer 3 elements
so far	Physical Configuration Diagram 	reflection  Layer 2 Elements  reflection 	Logical configuration diagram 
NS	Layer 1 configuration diagram 	Layer 2 configuration diagram 	Layer 3 configuration diagram 

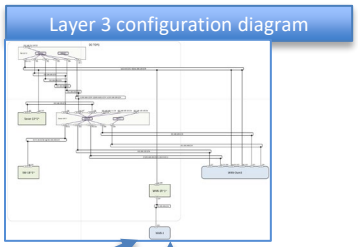
Feature 2: Synchronization of updates between layers

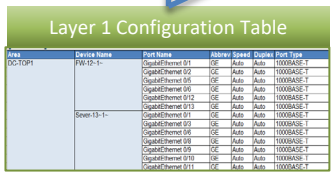
Updates made between the Port Management Table (L1 Configuration Table), L2 Segment Management Table (L2 Configuration Table), and IP Address Management Table (L3 Configuration Table) are automatically reflected in other management tables and configuration diagrams. Since the configuration diagram is generated based on the information in the management table, the notation of the configuration diagram can also be reflected.

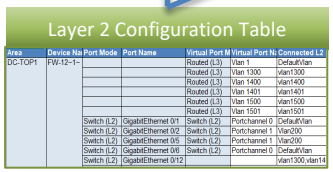
Updates to management tables are reflected in each configuration diagram.

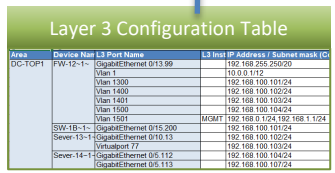












You don't have to make the same changes to other layer diagrams

Physical IF, Host, Area, Wire connection changes

Auto-propagation

Auto-propagation

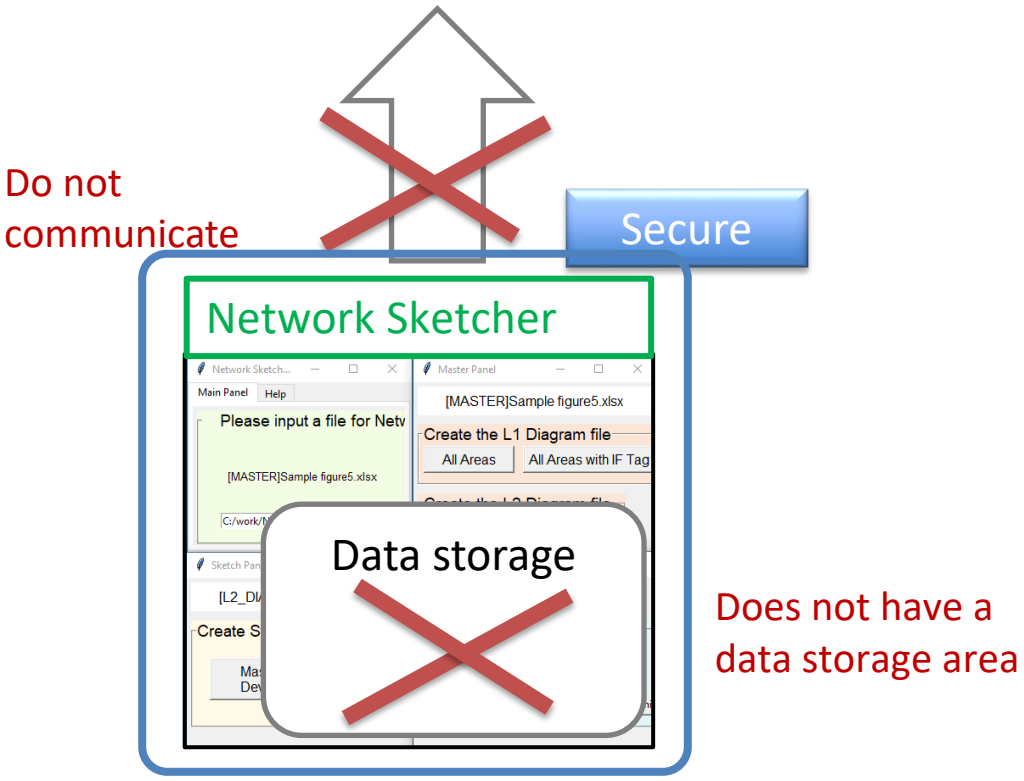
* Physical connection, host name, and area name are changed in the L1 configuration diagram.

Virtual IF Changing the

Auto-propagation

Feature 3: Secure stand-alone format

NS is a stand-alone format that does not require external communication. Therefore, the risk of information leakage due to handling highly confidential information is minimized.



* Temporary data files are created and deleted by NS processing.

Feature 4: Easy-to-operate GUI (quick panel method)

NS uses a unique GUI (Quick Panel Method). In this method, the input file is displayed with an actionable panel, and the action displays a panel in which further actions are possible. This allows you to perform the intended operation efficiently.

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