



WHITE PAPER

# Migrating from NetMRI to LogicVein

*A Practical Migration Path Using the NetMRI Import Module*

## Executive Summary

LogicVein's Net LineDancer and ThirdEye Suite are purpose-built drop-in replacements for NetMRI, and LogicVein's new NetMRI Import Module automates the migration of device inventory, credentials, and group definitions in under a minute. This paper explains the case for migrating, the risks of a manual cutover, and how the Import Module removes the friction from the transition.

## Why Customers are Looking to Migrate

Network management teams are searching for credible alternatives for their existing NCCM tools like NetMRI, OpenText Network Automation, SolarWinds, Tivoli, Spectrum NCM, and other classic offerings. Reasons include:

- Questionable support for venerable product lines
- Dramatically increased subscription and support costs for the same features
- Uncertain direction of product's future

For current NetMRI customers, adopting the LogicVein platform is quick and simple.

## Why LogicVein Is the Natural NetMRI Replacement

LogicVein's Net LineDancer and ThirdEye Suite were designed from the start to cover the same operational ground as NetMRI and other NCCM tools: multi-vendor configuration backup and change management, compliance policy enforcement, network discovery, and inventory management. Customers migrating from NetMRI find that the core workflows map cleanly onto LogicVein's products, which is why LogicVein has become a common destination for teams leaving the platform.

## Feature Parity Where It Matters

- **Configuration management.** Scheduled and event-driven configuration backups across more than 100 device vendors, with change tracking, diffs, and rollback.
- **Compliance and policy enforcement.** Rule-based compliance checks that flag deviations from security baselines and internal standards.

- **Discovery and inventory.** Range-based discovery with SNMP and CLI credential handling, producing a unified device inventory.
- **Modern deployment.** Actively developed, regularly patched, and supported by a vendor whose primary focus is network management.

## The Cost of a Manual Migration

Without a migration tool, moving from NetMRI to any new platform is a slow, error-prone process. A network engineer performing this work by hand would need to:

1. Export device inventory from NetMRI – navigating the web interface to extract device lists and associated metadata into a format the new platform can consume.
2. Re-enter every device in the new system, either manually or by constructing and testing import scripts against the target platform's API. Or forgo the import and start with a blank canvas.
3. Rebuild credential sets – recreating every SNMP community, SNMPv3 credential, and CLI login, then associating them with the correct address ranges.
4. Reconstruct device groups, translating NetMRI's grouping logic into the target system's equivalent and verifying membership matches.
5. Recreate discovery ranges and schedules so ongoing discovery continues without gaps.
6. Validate the migration, spot-checking devices, credentials, and group membership against the original NetMRI configuration.

For a typical mid-sized network this is a multi-day exercise. Industry research consistently places the manual data-entry error rate at roughly one percent<sup>1</sup>, which means on an inventory of several hundred or several *thousand* devices a manual migration will almost certainly introduce credential mismatches or missing devices that only surface later – often during an outage when someone reaches for a tool that doesn't yet know about the failing device.

### The Alternative

Without the NetMRI Import Module, a typical migration may take a network engineer several days of focused work and carries a meaningful risk of transcription or copy/paste errors. With the tool, the same migration completes in minutes or even seconds with no manual data entry.

<sup>1</sup> <https://www.qualitymag.com/articles/96853-manual-data-entry-and-its-effects-on-quality>

## The NetMRI Import Module

To remove the friction from this transition, LogicVein has built the NetMRI Import Module: a lightweight, containerized tool that connects directly to both the source NetMRI system and the destination LogicVein system and performs the migration automatically.

### What the Module Migrates

- **Device inventory** – all devices managed by NetMRI are imported into the LogicVein inventory with their addresses and network assignments preserved.
- **SNMP and CLI credentials** – global SNMPv2c community strings, SNMPv3 credentials, and CLI login credentials are transferred and saved as a credential configuration in LogicVein.
- **Device groups** – group definitions from NetMRI are recreated as equivalent groups in LogicVein. Empty groups are skipped to keep the new inventory clean.
- **Discovery ranges** – planned for a forthcoming release, the module will also export NetMRI's discovery ranges and create equivalent discovery jobs in LogicVein.

### Scope and Limitations

The Import Module focuses on the inventory and credential data that is most painful to recreate by hand. It does not migrate historical configuration backups, compliance policy definitions, custom scripts, user accounts, or role-based access control settings – these are generally rebuilt as part of adopting the new platform's best practices. After the initial import, a single discovery run in LogicVein associates each device with the appropriate adapter and captures its current configuration.

### Security Model

The Import Module runs as a Docker container on a host of the customer's choosing, inside the customer's own network. Credentials for both NetMRI and LogicVein are supplied through a local environment file and are never transmitted to LogicVein or any third party. The container is ephemeral: it runs once, performs the migration, and exits. LogicVein recommends deleting the environment file after the migration is complete.

## Migration in Three Steps

The entire migration workflow comes down to three actions on the part of the operator.

### Easy as 1-2-3

1. Pull the Import Module container image from Docker Hub.
2. Create a short .env file with the addresses and credentials for your NetMRI and LogicVein systems.
3. Run the container. The migration completes in seconds.

## Step 1: Pull the Image

Ensure Docker Desktop is installed on the host where you will run the migration, then open a terminal and pull the image from Docker Hub:

```
docker pull logicvein/netmri-import:latest
```

You can confirm the image is present with:

```
docker image ls
```

## Step 2: Set Environment Variables

Create a file named `.env` in the directory where you opened your terminal. This file holds the addresses and credentials the container will use to connect to both systems. Populate it with the following entries, substituting your actual values:

```
NETMRI_HOST=<your-netmri-ip>
NETMRI_USERNAME=<your-netmri-user>
NETMRI_PASSWORD=<your-netmri-password>
NETLD_HOST=<your-logicvein-host>
NETLD_USERNAME=<your-logicvein-user>
NETLD_PASSWORD=<your-logicvein-password>
```

Save the file and, for security, plan to delete it once the migration is complete.

## Step 3: Run the Container

From the same directory, run:

```
docker run --rm --env-file .env logicvein/netmri-import:latest
```

The `--rm` flag ensures the container is removed automatically after the run. The tool will connect to NetMRI, validate the LogicVein connection, fetch credentials and inventory, and write everything into LogicVein. A typical run on a small-to-midsize inventory completes in well under a minute.

After the import completes, the next step is to run discovery in LogicVein so that each device is associated with the correct adapter and its current configuration is backed up. This step will become an automatic part of the import tool in a forthcoming release.

## Conclusion and Next Steps

LogicVein's Net LineDancer and ThirdEye Suite are built to cover the same operational ground NetMRI customers depend on every day, and the NetMRI Import Module removes the most tedious and error-prone part of the transition. What would otherwise be a multi-day manual project becomes a quick automated run, with no manual copy errors and no lost credentials.

If you are evaluating options for life after NetMRI, or if you have already decided to migrate and want to see the Import Module in action, LogicVein offers free demonstrations and proof-of-concept deployments. To request a demo, discuss your migration timeline, or obtain the current release of the Import Module, contact:

**Email:** [sales@logicvein.com](mailto:sales@logicvein.com)

**Web:** [logicvein.com/contact-us](http://logicvein.com/contact-us)

---

*© LogicVein, Inc. All rights reserved. Net LineDancer and ThirdEye Suite are products of LogicVein, Inc. NetMRI is a product of Infoblox, Inc. All other trademarks are the property of their respective owners.*