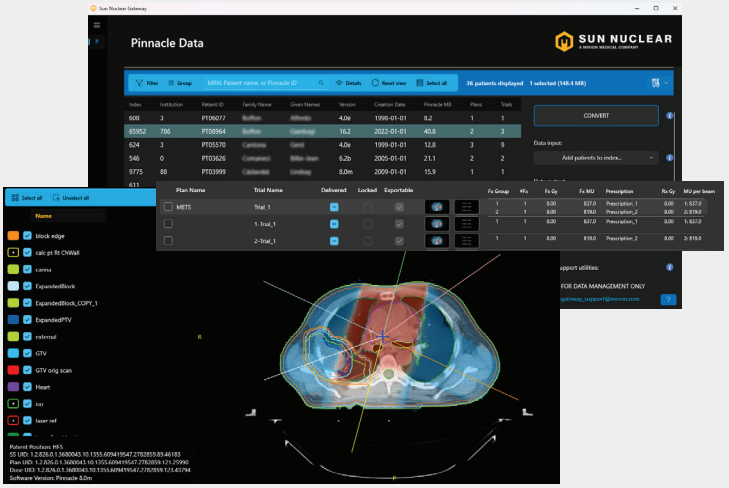
SUN NUCLEAR
A MIRION MEDICAL COMPANY

POWERED BY ONCOSPACE

Gateway

Patient Data Conversion for Pinnacle™

A robust solution to migrate legacy Philips Pinnacle patient data to DICOM format and modernize patient archives to support improved patient care



Gateway enables Pinnacle administrators to:

- **Mitigate information and network security risk** by eliminating unsupported Pinnacle hardware and software.
- **Ensure consistent standard of practice and quality of care** for re-treatments by making legacy Pinnacle patient data accessible in DICOM format.
- **Further centralize critical data** for future use in analytics or AI/ML model building

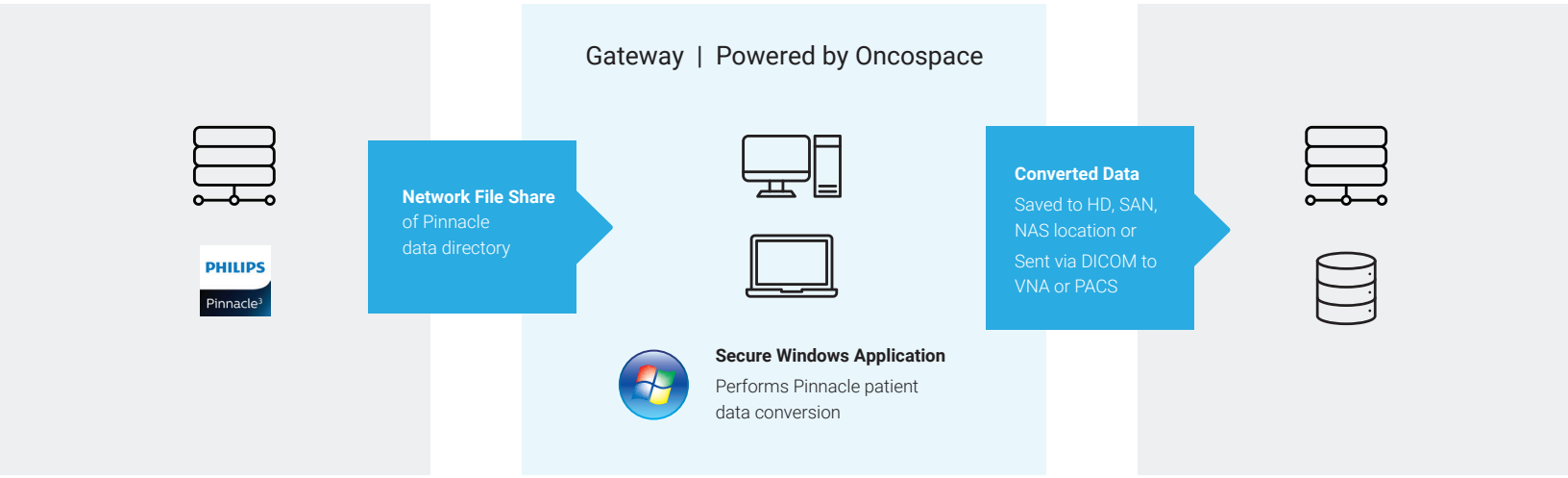
Our solution supports:

- **Pinnacle patient data from 4.x to 18.x**
- **Pinnacle HW and SW independence**
- **3D, IMRT, VMAT and electron plan types**
- **Saving to HD/SAN/NAS or DICOM application**
- **On-demand conversion or entire archive at once**
- **Native and 'tar' file formats**

Oncospace is now part of Sun Nuclear and the Mirion Medical family.

To learn more about Gateway and the integration of Oncospace solutions into the Sun Nuclear portfolio, please consult your Sun Nuclear representative. See back for more details and Frequently Asked Questions.

Gateway at a Glance



Frequently Asked Questions

What Pinnacle hardware or software is required?

The Gateway Patient Data Conversion for Pinnacle software is independent of any available Pinnacle hardware or Software on site. It only requires the Pinnacle archive (native or tar) to be accessible from Windows OS via network file sharing.

What Pinnacle patient data versions are supported?

4.x to 18.x in native or in compressed (*.gz) or uncompressed tar formats.

What plan types are supported?

3D, IMRT, VMAT, and electron treatment plans.

What is the Pinnacle patient data converted to?

All trials for each patient are converted to DICOM CT Image, RT Structure Set, RT Plan, and RT Dose instances.

How is the application used?

Gateway is a self-contained Windows application, with signed installer for enhanced security control with modest RAM and minimal hard drive requirements.

It is installed on a facility IT asset (such as a workstation, server, or VM) as a service application that may coexist with other applications (including but not limited to 3rd party malware and backup systems).

The application is used directly by the clinical or technical staff on a patient by patient basis, as needed, or via an entire archive at once operation.

How long does it take to convert a patient data set?

Conversion of a single patient's Pinnacle data depends on the number of trials and may take between 30-120 seconds to complete. Conversion time does not include network latency or bandwidth to read in or write out data.

How is converted patient data stored?

Data is saved to a facility-provided file system on local hard drive, NAS, SAN, or sent to a DICOM location (VNA, TPS, PACS, or other archive solution).

What are the requirements for the Gateway application?

Operating System	• Windows 10, 64-bit version: 10.0.18362.0 (v 1903) or later • Windows 11, 64-bit version: 21H2 (v 22000) or later • Windows Server 2022, 21H2 (v 22000) or later
Memory (RAM)	8 GB Minimum, 16 GB or greater recommended
Disk storage	As required to support volumes of patient data being converted
Network	LAN: Gigabit, 100 MBit/sec minimum between Oncospace Conversion App, Pinnacle file location and desired file output location