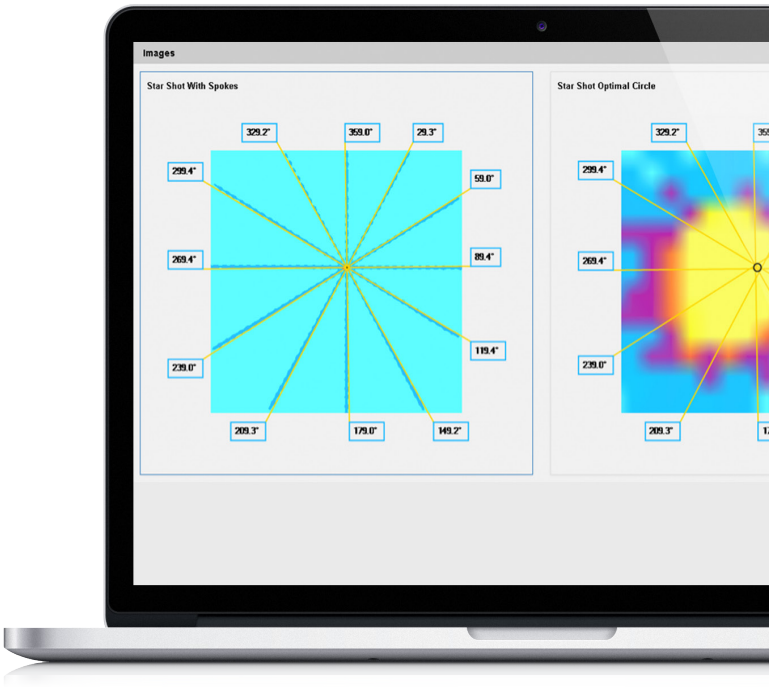
Frequently Asked Questions

SNC Machine™ listens for and captures your QA files, processes and analyzes the files, and saves the results to the database. Simply log in to SNC Machine and immediately view a dashboard of results. Accept results that pass, and drill down into the analysis details for results that fail. Trend any piece of data against any other piece of data. It is that simple, and that powerful.



Q: How does SNC Machine automatically locate and process QA files?

A: SNC Machine offers two convenient options for automated file retrieval and analysis. Option one allows automation to the fullest extent possible — simply deliver a QA beam, and SNC Machine does the rest. A more budget friendly simplified automation option is offered as well — once the images are acquired, simply push the images to a designated network folder and SNC Machine will process the images. If you need help picking the option that is right for you, more detailed information is available upon request.

Q: Just how automated is SNC Machine?

A: SNC Machine listens for and captures your QA files, processes and analyzes the files, and saves the results to the database.

Simply log in to SNC Machine and immediately view a dashboard of results. Accept results that pass, drill down into the analysis details for results that fail. It is that simple.

Q: Is SNC Machine only for TG-142 testing?

A: No. SNC Machine also includes a suite of convenient and automated VMAT tests recommended by Varian.

Q: I have Elekta machines. What VMAT tests does SNC Machine offer me?

A: The same tests recommended by Varian can also be used on Elekta machines. If and when Elekta recommends specific VMAT tests, these tests will be included in SNC Machine.

Q: Does SNC Machine trend my data?

A: Yes. Any test, and any test sub-parameter, can be analyzed over time and compared to any other parameter trend, for any machine on the clinic's network.

Q: Which phantoms does SNC Machine support?

A: SNC Machine supports most of the common commercial phantoms used for imaging and mechanical QA. These include Sun Nuclear [MV-QA, Kv-QA, FS-QA, WL-QA], Gammex 464, Standard Imaging [QC-3, QC-kV, FC-2], Phantom Laboratory [CatPhan 503, 504, 600, 604], Leeds TOR 18FG, PTW EPID phantom, and the Varian Las Vegas Phantom.

SUN NUCLEAR corporation

sunnuclear.com // +1 321 259 6862

Corporate Headquarters: 3275 Suntree Boulevard, Melbourne, FL 32940 USA

Q: Why did Sun Nuclear select a web application architecture for SNC Machine, PerFRACTION and DoseCHECK?

A: A web application architecture was selected for the following reasons:

- Accessibility from any networked computer, with no external Internet connection needed, if used within the network
- Easier maintenance because you no longer need to download updates on multiple workstations
- Streamlined implementation on a dedicated server, with better system performance and more robust security

Q: Can I install SNC Machine on my own computer?

A: Yes. SNC Machine can be installed on an identified server. We have documentation available upon request to help ensure the server meets the required specifications. Once the installation is complete, SNC Machine can be accessible from any networked computer.

Q: I am a consulting medical physicist, how will I use these applications at my client sites?

A: For optimal performance, SNC Machine, PerFRACTION and DoseCHECK are designed to run on a local network. This is also required for the automation architecture to work correctly. Consulting physicists may use these applications by connecting to the network hosting them.

Q: Is SNC Machine a Cloud application?

A: SNC Machine, PerFRACTION and DoseCHECK are cloud-enabled because they are web applications accessed through a browser. These applications are installed on an identified server which is accessible anywhere on your clinical network via the browser. By running locally, these applications provide more automation and faster processing performance than a Cloud application. A remote Cloud data storage service will likely be available in the future.