



Nordion®

A Sotera Health company



Is Your
Gamma System
Providing Optimum
Performance?

Throughput. Performance. Reliability.

nordion.com



Upgrades for Optimum Performance

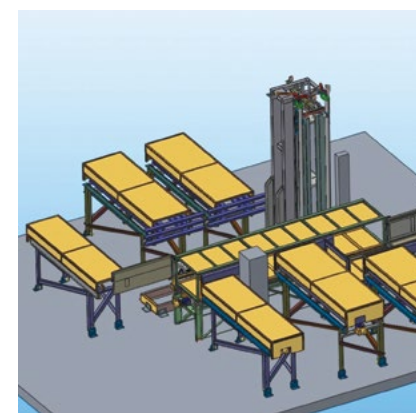
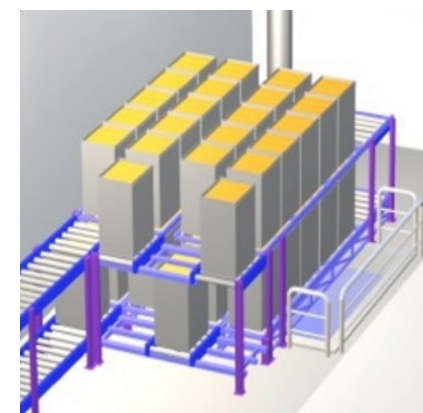
Gamma Systems can operate reliably for decades. Older systems may reach their capacity to process products efficiently before they need to be replaced.

Your Gamma System may need an upgrade in order to provide your operations with optimum throughput and dose delivery.

Not sure if you need an upgrade?

- Is your System unable to support the processing requirements of your business?
- Are you returning cobalt sources before the end of their useful life due to source rack capacity?

If you answered “yes” to either question, your facility may not be operating at optimum performance which may impede growth opportunities or cost efficiency. Nordion has provided many of our customers with unique and cost-effective upgrade solutions for their Gamma Systems’ operational needs.



Product Conveyance Upgrade

Today, modern product conveyance systems provide both increased speed and lower maintenance costs.

Whether it is through changing the conveyor drive systems to deliver product more quickly or modifying the product loading and unloading area for speed and ergonomics, many cost-effective solutions have been executed by Nordion on existing Gamma Systems.

Source Rack System Upgrade

Over time, many Gamma System source racks can become full and run out of capacity to install new Cobalt-60 sources.

This can result in reduced system processing ability. Nordion has designed and installed many new source systems to give extended capacity to older gamma facilities.

Customized Solutions. Cost-effective Approach.

Benefits of Upgrading

Upgrading provides economic and operational benefits.

Upgrades can:

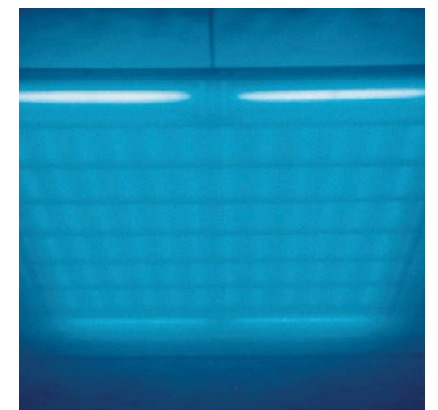
- Improve operational costs through reductions in downtime, labor requirements and maintenance
- Improve operator safety and ergonomics
- Resolve product processing challenges through improvements in:
 - Dose uniformity
 - Product turnaround
 - Conveyance speed
- Increase system supportability

Nordion's Approach to Throughput and Capacity Upgrades

Nordion provides Gamma System Upgrades to optimize your facility's gamma processing needs. We offer these upgrades to you, as a valued customer, to help maintain the highest level of economic benefit at your gamma facility.

Nordion will:

- Provide an engineering assessment of your current system
- Develop a comprehensive understanding of your needs and capabilities
- Design a solution that offers a cost-effective approach to upgrading your systems
- Work with you to update your equipment to an optimal solution





Nordion's products and services are used throughout the world to prevent, diagnose and treat disease. Our applied research and innovation play an integral part in improving global healthcare.

Nordion is guided by a core purpose of making a distinctive contribution to the health and wellbeing of people. We are a leader in protecting the health and safety of our employees, our neighbours and the environment. We have a sound environmental management system and certified operating practices that meet stringent international standards for environmental sustainability. Nordion and our employees take an active role in building healthy, strong, happy communities, both at home and abroad.

About Nordion

Nordion, a Sotera Health company, is a leading provider of medical isotopes and gamma technologies used for the prevention, diagnosis and treatment of disease and infection. Nordion's products are used daily by pharmaceutical and biotechnology companies, medical-device manufacturers, hospitals, clinics and research laboratories. Nordion supplies products to more than 40 countries around the world, and is committed to their mission, Safeguarding Global Health™ with every critical isotope they supply.

About Sotera Health LLC

Sotera Health LLC—parent company of Nordion, Nelson Labs, Sterigenics—is the world's leading, fully integrated protector of global health. With over 500 combined years of industry-recognized scientific and technological expertise, Sotera Health ensures the safety of global health by providing mission-critical services to the medical, pharmaceutical, tissue and food industries.



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