

A photograph of a modern, multi-story building with a white facade and large glass windows. The building is surrounded by greenery, including trees and bushes. The sky is clear and blue. The building has a red brick section on the right side with the 'PETNET Solutions' logo in blue and black.

SIEMENS

Solutions for Life Science

PETNET Solutions relies on integrated life science solutions

Siemens ensures regulatory compliance and maximum protection for people, assets and processes at PETNET Solutions in Lisses, France.

PETNET Solutions in Lisses, France, profits from integrated life science solutions as well as from pretested and preconfigured environmental monitoring technology from Siemens.

PETNET Solutions – a leader in PET radiopharmacy

Founded in 1996 with 12 radiopharmacies, PETNET Solutions envisioned growing its network of radiopharmacies to promote global PET utilization. Today, PETNET Solutions operates the world's largest PET radiopharmacy network with over 44 radiopharmacies and distribution centers at multiple locations. The company produces and distributes PET radiopharmaceuticals to hospitals, clinics and research facilities for PET imaging.

As a global leader in PET radiopharmaceutical services, PETNET Solutions is the only company worldwide with a complete imaging biomarker value chain that encompasses discovery, clinical trials, manufacturing and nuclear pharmacy services capabilities.

The challenge of a safe, energy-efficient and compliant campus

The competition in the pharmaceutical industry is fierce. Therefore, businesses require optimized processes, the highest availability of production and maximum protection of people, assets and processes.

PET radiopharmacies in particular require special fire safety and security measures to keep personnel and assets safe from radioactivity. In addition, it is vital to have an overview of all processes to remain efficient and keep processes secured. Furthermore, it is a must to be absolute compliant with strict international regulations to keep business running.

[siemens.com/lifescience](https://www.siemens.com/lifescience)



Integrated life science solutions for increased efficiency and safety

PETNET Solutions required a building automation system which allows supervision of all technical and security equipment from any touchscreen PC throughout the building.

Siemens installed the user-friendly Desigo™ Insight management station to control, monitor, evaluate and optimize all integrated systems and processes. With the combination of life science solutions and Total Building Solutions, it is possible to manage the whole building. As a result, PETNET Solutions has the opportunity to view CCTV footage, unlock doors and monitor fire alarms, air quality and radioactivity levels from one panel. Any problem or alarm can be verified from any touch-panel, without needing to leave the room or stop the current process. The touch-panels are installed directly on site in various rooms, including critical environments.

Close relationship between science and technology

PETNET Solutions benefits from the integrated life science solution from Siemens because it offers the highest system availability for technical specialists who know they are protected and can rely on the system at all times. As a result it is now possible to run the production plant from 12 pm to 6 am without any technical intervention.

The success of the partnership can also be attributed to the excellent cooperation, local Siemens experts and the reliable solutions that ensure fire safety, security and efficiency throughout the site in Lisses. Therefore, PETNET Solutions benefits from everything Siemens has to offer as a technology partner: extensive knowledge, years of engineering expertise and a comprehensive portfolio of products, systems and solutions designed especially for the life science industry.

Highlights

- Desigo Insight management station
- HVAC and terminal unit control (BACnet, Modbus, LON)
- Sinteso™ fire detection
- SiPass™ integrated access control
- Intrunet SI series for intrusion detection
- SISTORE™ CX video viewer
- Compact Monitoring Technology (CMT)
- Radioactivity meters
- Surveillance of medicine production