

# Strengthen on-site inventory and material approval processes

with chemical information management software and services.

## OVERVIEW

The cross-functional product stewardship team at Siemens Healthineers has a two-fold mandate to tackle both operational site-specific EHS issues as well as product-oriented EHS concerns.

- 1.) Access to markets and compliance with global regulations
- 2.) Strengthen product-related environmental performance via Environmental Product Declarations

These objectives were complicated by high quantity and low volume orders ranging from 1 gram to over 4 liters. The R&D facility handles over 1,000 chemical safety data sheets (SDS), of which roughly 200 per year are unique. Siemens Healthineers' wanted to simplify chemical management so scientists could focus on experimenting and developing new products that strengthen healthcare outcomes.



Founded in: 2017



Medical technology firm



Norwood, MA (R&D Facility)  
Erlangen, DE (HQ)

**48,000+**  
Employees

**\$14.5 billion EUR**  
Revenue

**120+**  
Years of experience

**18,500**  
Patents globally

## CHALLENGES



### Inconsistent tracking behavior

and limited access to chemical data across the facilities



### Limited visibility

through email-based system



### Costly and manual processes

to manage 1,400 SDS documents and over 200 new chemicals brought on site throughout the year



### Improve environmental performance

to strengthen product differentiation and brand loyalty

## SOLUTION

### SPHERA'S CHEMICAL MANAGEMENT

Siemens Healthineers turned to Sphera as a key partner in digitizing Product Stewardship at its R&D facilities. The medical technology firm began using our Chemical Management solution to enhance its approach to on-site chemical inventory management and material approval processes.

Sphera's Chemical Management solution helps organizations manage global chemical data within a single SaaS system providing consistent, contextualized and centralized information to:

- Gain product insight through fast and accurate documentation
- Know what is on site to mitigate risk
- Increase worker safety and compliance to align workflows and mandates
- Easily report anything anytime to keep everyone informed
- Maximize enterprise system investments



## RESULTS

With Sphera's Chemical Management solution, Siemens Healthineers was able to

- Establish a centralized, transparent process for chemical approvals
- Strengthen accuracy and effectiveness of chemical inventory tracking and analysis capabilities
- Prioritize hazardous chemical labeling and substances of concern



#### Implement a bar code system

to centralize, register and track all chemicals and associated SDS information



#### Cross-referencing automation

has saved the firm over five hours weekly (240 hours annually) of additional work



#### \$20,000 in annual savings

as a result of scientists having better visibility into accurate chemical inventory levels at other laboratory sites



#### Waste disposal costs have fallen by roughly 50%

Is your organization ready to improve the reliability of data as well as the safety and productivity of its assets? Contact us to learn more about Sphera's Chemical Management solutions.

[sphera.com/contact-us](https://sphera.com/contact-us)