



CASE STUDY

PHILIPS

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Philips Increase Workwear Hygiene to Meet Industry Cleanliness Standards

THE CHALLENGE

Philips Medical R&D Center, developing advanced image processing and analysis with a specialization in 3D CT scanners, is required to meet FDA/TUV regulation for hygiene workwear.

Faced with the strict regulatory challenges, the center was in pursuit for an efficient solution to assist in the management of the workwear for their 1,000 employees in accordance with good manufacturing process (GMP) as required by FDA/TUV.

Philips works under cleanroom classification – level ISO 7. Cleanrooms are classified from ISO 1 - ISO 9 according to the cleanliness level of the air inside them. The cleanroom classification is the level of cleanliness the room complies with, according to the quantity and size of particles per volume of air. According to the Philips cleanroom classification, they are required to achieve high hygiene levels for the workwear.

Moreover, employees must wear ESD (electrostatic discharge) lab coats, to shield the insulative clothing and minimize the electric fields generated from their clothing. These lab coats must be laundered in a distinct way to fulfil these requirements.

At least twice a year, all lab coats undergo an ESD test, to ensure that they are safe to use. Successful ESD testing is mandatory for the company to be certified for continued operation.

Before adopting Polytex's solution, employees had personal workwear in their possession for which they were fully responsible for.





THE RESULTS:

Efficient Monitoring and Management: All workwear is laundered and ESD tested on a weekly basis as opposed to twice a year. Via the 'Total Care Manager' app, Philips management is able to easily track and analyze the company's workwear inventory. Reports are automatically generated and are submitted to FDA/TUV as evidence for meeting regulatory standards.

Highest Hygiene & Regulatory Compliance: The automated workwear dispensing solution standardized Philip's hygiene levels taking full ownership of the process and ensuring compliant laundering methods.

Efficient Inventory management: By switching from personal workwear to non-personal workwear, Philips was able to significantly improve management processes and reduce inventory volumes.

THE BENEFITS:

Accessibility: With 24/7 availability, all Philips' employees can easily routinely exchange their workwear at any time, as needed. Frequent changes ensure that workwear consistently meets clean room standards.

Uniform Visibility: Workwear is available and organized via Polytex's distribution system. The systems are perfectly sealed and eliminate the need to browse or touch the workwear. Workwear is constantly maintained in good condition as it is managed on a weekly basis.

Increased Productivity: Polytex enables a more efficient workflow. Dispensing and returning an item takes only seconds, achieving more in less time.

Full Cycle Solution: With the help of Polytex, Philips has gained control over the entire workwear process, from loading the system to handling the laundering of all workwear "in house", achieving maximal efficiency.

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Polytex's solution helps us meet high regulatory standards of the FDA and TUV. With the Polytex's 'Total Care Manager' app, we are able to easily track and analyze Philips' workwear status and generate reports to comply with the regulatory standards. Polytex supported us all along the way with extremely high responsiveness and professional service.

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Itzik Ben-Shushan,
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Contact Us

For more information about Polytex products and services, visit our website at: www.polytex-technologies.com

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