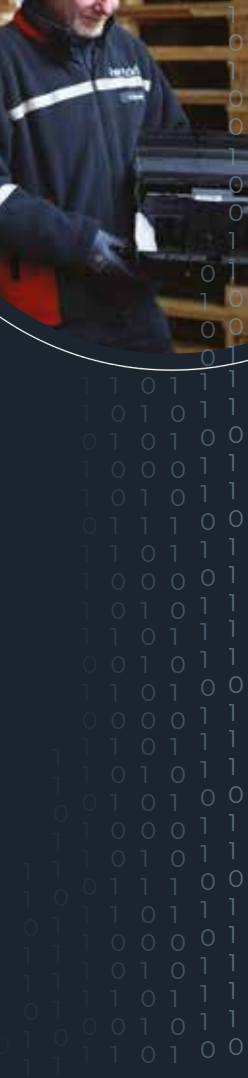




PEST MANAGEMENT

for the Food Processing
Industry

Rentokil



The future of pest control

Pests have always posed a significant risk to food manufacturing and processing companies. They damage raw materials and finished products, disrupt operations, and pose serious threats to health, safety, and hygiene compliance.

Food safety must be guaranteed at all stages of the supply chain, from farm to fork, but managing pests on such a large scale is becoming increasingly complex and challenging.

How do you protect your facilities, buildings, and production plants from rapidly evolving pest threats 24 hours a day, 7 days a week?

Impact of a pest infestation:

- Loss of trust and reputational damage
- Loss of customers and turnover
- Financial cost of contaminated products
- Inability to fulfil contracts
- Consumer compensation lawsuits
- Legal disputes for failure to comply with applicable regulations





Changing legislation: making sure you stay compliant

Europe's **2019 Green Deal** aims to make Europe the first climate-neutral continent by forcing legislators and private standards to prioritise sustainability.

The Farm to Fork (F2F) strategy, launched in 2020 as a centrepiece of the Green Deal, is a ten-year roadmap for accelerating the EU's transition to a sustainable food system.

The Biocidal Products Regulation (BPR), which sets strict guidelines on the use of biocides, and the 2009 Sustainable Use of Pesticides Directive (SUD), together form the mandatory legal foundation for pesticide usage on European premises.

Farm to Fork took the 2009 Directive and set a new, aggressive target of 50% reduction in the use of chemical pesticides by 2030.

While IPM has been a legal requirement under the SUD since 2014, the Farm to Fork strategy seeks to enforce it.

Article 14 of the SUD specifically states that any business that uses professional pest control services - from a small local bakery to an international manufacturing plant - must have pest control services that follow IPM principles.

IPM relies on non-chemical strategies such as physical exclusion, habitat modification, and monitoring as the first line of defence, with pesticide usage as a last resort and only after stringent criteria have been met.

For food manufacturers, compliance with the above legislative framework is verified through global commercial standards: BRCGS Global Standard for Food Safety (Issue 9), IFS Food V8, and FSSC 22000.

These standards have been updated in line with the Green Deal to demand rigorous proof of non-toxic control measures, real-time digital monitoring, trend analysis, documented Root Cause Analysis (RCA) and corrective actions to stay ahead of the law.

Integrated pest management

Rentokil offer customised, integrated pest management programs tailored to your individual food processing site. Our approach ensures the highest levels of food safety and satisfies EU regulatory requirements.

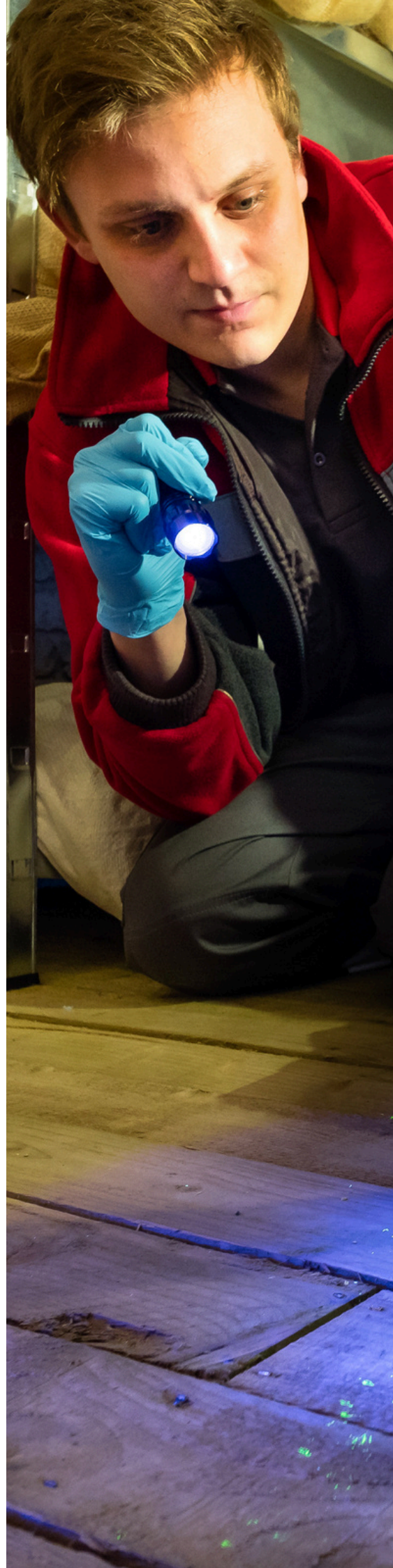
Our years of experience in the food manufacturing sector mean that our technicians have the skills to proactively prevent risks and improve operations across your entire business.

Our IPM programs are rooted in ERDM (Exclusion, Restriction, Destruction, and Monitoring), an integrated and highly effective approach that combines four fundamental principles:

- **Exclusion:** Exclude and eliminate any opportunity for pest entry. (Block any openings and cracks, keep windows closed, and monitor open areas.)
- **Restriction:** Raise staff awareness of the potential presence of pests so they can help detect any signs of activity or entry as soon as possible.
- **Destruction:** Use the most innovative and effective solutions to efficiently and sustainably eradicate infestations.
- **Monitoring:** Use monitoring devices for early warning of any pest activity.

Whatever type of pest is threatening your production line, we work according to these principles to develop an Integrated Pest Management (IPM) plan tailored to your requirements.

These plans combine decades of experience supporting food manufacturers and cutting-edge data insights to ensure the highest levels of food safety and regulatory compliance.





myRentokil

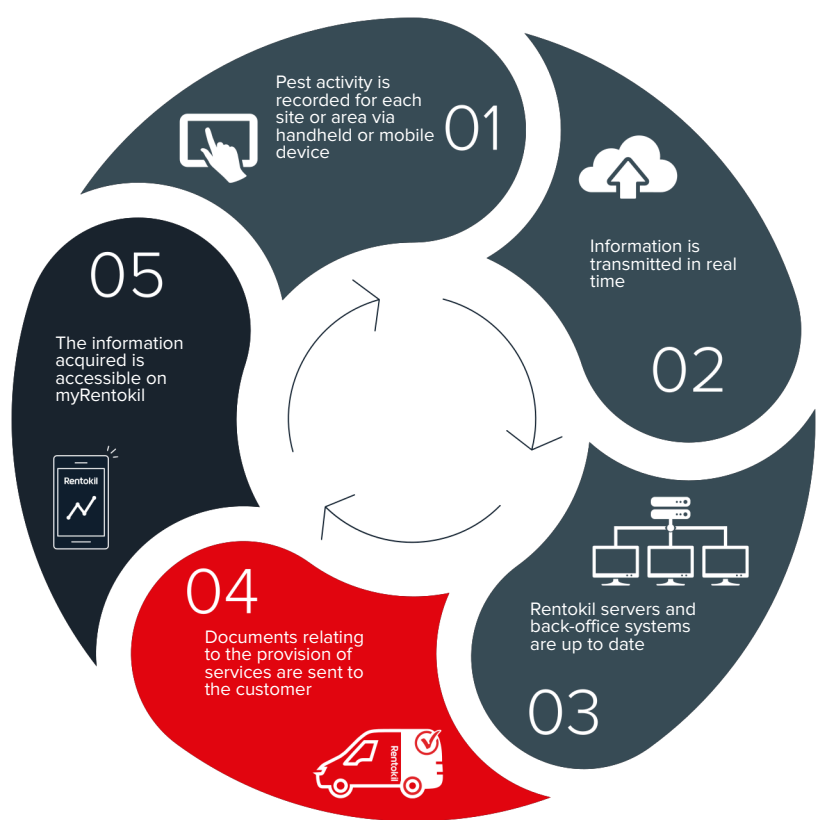
Online reporting system

myRentokil is an online reporting portal that allows our customers to take a proactive approach to pest prevention and control.

The portal provides customers with instant access to information on pest activity, recommendations, interactive plans, and documentary evidence of the services provided, so they can stay constantly updated.

With myRentokil, you're always audit-ready:

- View detailed multi-site floor plans and record visit minutes in a single portal.
- Instantly access a complete audit trail across all food facilities, in compliance with rigorous internal and external audit requirements
- Demonstrate responsiveness and improved pest control results through detailed trend analysis and reporting.
- Access real-time data online 24/7, or send scheduled pest reports directly to your inbox.



Using Big Data in pest management

Big Data aggregated from over 240,000 connected devices and cross-referenced with external sources provides massive amounts of data that we analyse to understand pest problems and trends, and to improve our services.

The information collected on your site is analysed to identify any critical issues in real time and to recognise infestation trends. To further strengthen our offering, we have also consolidated partnerships with organisations such as Google, PA Consulting, and Qlik.

Thanks to these collaborations, we are able to develop integrated platforms with cutting-edge technologies to provide the best possible pest control solutions.

Our digital platform's architecture allows us to cross-reference multiple data sources and perform predictive analysis.

This allows for better visibility of all issues related to pests, to identify risks and anticipate the best possible solution for each production plant.

It is a continuous learning model that allows us to propose the best current solution for modern businesses, whilst at the same time developing a future perspective on emerging pest challenges.

Pest management for the food industry

- CEPA-certified pest control services delivered by highly trained technicians
- Services delivered in compliance with European and local regulations and audit standards
- Industry-leading experts and specialists working in entomology, biology and chemistry
- 24/7* real-time online reporting, analysis and compliance management through a single customer portal, myRentokil
- Professional training on audit requirements

**at the same time as the technician's visit.*

PestConnect

An advanced digital pest management system that operates 24/7

PestConnect offers a revolutionary approach to IPM by integrating advanced infrared and wireless technologies into a seamless system that detects, captures, and eliminates rodent pests, offering businesses a proactive, sustainable*, and efficient pest control solution.

Designed especially for businesses that adhere to stringent regulations, PestConnect provides 24/7 remote monitoring and autonomous operation, allowing businesses to maintain pest-free environments without disrupting their daily operations.

PestConnect's efficiency is tested and proven, resolving rodent activity* twice as fast as traditional systems and reducing the need for rodenticide bait by up to 60%*.

Additionally, with ISO 27001 certification, PestConnect ensures the highest standards of data security, making it a trusted and sustainable solution for modern pest management.

PestConnect works autonomously and discreetly, without interfering with the corporate network or production machinery, thanks to the use of integrated sensor technology.

PestConnect doesn't just detect pests; it proactively prevents infestations. Our expert technicians use insightful data to make quick interventions, enhancing rodent control efficacy and minimising disruption to your business.

**PestConnect can be more sustainable by reducing rodenticide bait use by up to 60%. Based on a comparison of bait use at customer sites transitioning from non-connected to connected pest control. All data on file.





HEAT TREATMENTS

Eradicates all stages of insect development



BIRD CONTROL

Specialised, customised solutions for pest birds.

Protecting your business

Food and textile insect control

Stored product insects (SPI) are the most expensive food pests for businesses. They can enter the food chain at any point from the farm, in storage, transport, processing and distribution, to retail stores, food service businesses and the home. Each stage can provide ideal environments for them to thrive all year round.

Our SPI pest management process focuses on 3 principal aspects to ensure the most effective solution: prevention, inspection, and control.

Preventing product contamination is our number one priority. If SPI activity is found, then control methods will involve either small isolated treatments or, if the infestation is extensive and throughout the premises, it may be necessary to treat the entire premises using space treatments such as heat.

The method of control will be determined by the level of infestation, the species of SPI and various other factors, determined by our experts upon inspection.

Pest bird control

Birds, especially swallows and pigeons, enter the loading and unloading areas of manufacturing businesses in search of food, thus contaminating raw materials and finished products.

This is a serious problem. Birds transmit bacterial infections such as salmonella and psittacosis, viruses such as Newcastle disease, and various parasites such as ticks and mites.

Depending on the area to be protected, we use various netting and electrified wire systems, as well as stainless steel spikes and sound deterrents.

All Rentokil solutions comply with animal welfare laws and are designed to prevent birds from approaching, settling, and nesting—all of which can be detrimental to businesses. We also offer specialised, customised solutions to address situations where birds have already entered buildings.

Flying insect control

The risk of product contamination by flying insects is high. Flies alone carry up to 200 pathogens, including bacteria that cause ailments such as dysentery, gastroenteritis, and salmonella.

Lumnia, a cutting-edge LED Insect Light Trap (ILT), was designed to meet the unique demands of the food processing and manufacturing industry.

Lumnia not only boasts an impressive 80% extended reach and delivers up to 79% energy savings, but its LED lamps are also completely mercury-free, aligning with the highest environmental standards.

What sets Lumnia apart is the enhanced longevity of its robust LED lamps, which outshine the competition by lasting 33% longer than any other LED solutions available, assuring efficacy for an impressive four years and minimising the necessity for frequent replacements.

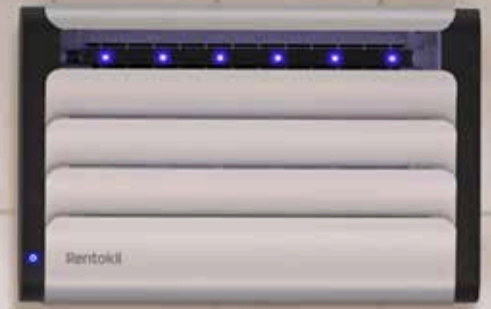
This commitment to durability, coupled with a 62% reduction in carbon emissions, makes Lumnia an environmentally conscious choice for effective flying insect control.

Crawling insect control

Food processing and manufacturing facilities cannot afford an infestation of cockroaches or other crawling insects. To ensure adequate control, our technicians receive on-site training to understand the processes, operations, and practices of the specific site, in compliance with Good Manufacturing Practices (GMP).

Following the inspection, a safety and pest risk assessment will be prepared, and a program will be initiated to monitor and assess the severity of the infestation. Under Rentokil's expert guidance, each site will utilise a range of solutions, such as glue traps, insect lures, and gel bait, as well as the latest innovations, such as non-toxic targeted heat treatments.

Rentokil aims to not only reduce the risk of serious infestation but to be proactive in preventing infestations through the use of monitoring and trend data, providing corrective action to help increase cost savings and minimise business disruption.



LUMNIA

LED lamps for the sustainable control of flying insects.



INSECT DETECTOR

Effective monitoring with a pheromone-based attractant.

Rentokil

Why Rentokil?

Rentokil is a world leader in pest control, offering expert, reliable, and professional services to individuals and businesses in over 60 countries worldwide.

As the pest control experts, we employ over 12,000 qualified technicians worldwide, offering extensive experience across a wide range of industries.

Our experts proactively collaborate with businesses to minimise the threat of infestations. We adopt a two-pronged approach that includes both preventative and reactive strategies as part of a consistent and ongoing pest management program.

rentokil.com/country

