

Business case Aebi Schmidt, industrial area with bird nuisance

Location:	Holten, the Netherlands
Application context:	Storage & shipping areas (<i>industrial & utility buildings</i>)
Problem definition:	- Financial losses caused by bird activity - Soiled storage units and damaged vehicles
Pest bird species:	Crows (<i>Corvidae</i>), pigeons (<i>Columbidae</i>)
Time of year bird presence:	All year round
Time of day bird presence:	From dusk to dawn
No. of birds before installation:	200
No. of birds after installation:	0
Birds reduction after the Autonomic has been installed:	100%
Laser projection area:	4 ha
In use since:	December 2016
No. of systems:	1 x Autonomic 100
Bird behavior:	Nesting and perching
Consequences:	Damage to facility and products, and increased maintenance costs due to bird droppings
Annual loss:	- There are a lot of containers in the outside storage area. Every container needs to be cleaned before it goes in production. Daily 5-10 containers are cleaned which takes 15 minutes per container. - Rooftop air conditioners repairs
Yearly probability of bird nuisance happening without Autonomic:	(between 0-100%) - 100%
Yearly probability of bird nuisance happening with Autonomic:	(between 0-100%) - 0%

Situation before:

Bird activity at Aebi Schmidt's Holten, the Netherlands facility caused significant damage. The company dedicated additional labor hours to remove bird droppings from container spreaders and repair air conditioning on the rooftop. Every container spreader was cleaned daily at the cost of one labor hour per spreader.

Situation after:

Madien Smeenck, Facility Employee, at Aebi Schmidt, noted that once the Autonomic was installed "all birds were gone quite fast and they didn't come back." The damage to the facility and products from bird activity was completely eliminated.

Contact

North American office

Headquarters



Bird repellent results of Aebi Schmidt: reduced maintenance costs, improved sanitation and completely eliminated bird nuisance

Aebi Schmidt, the global leader of smart product systems and services for the treatment of mission-critical infrastructural and agricultural areas, achieved a 100% reduction in bird activity in their storage and shipping areas with the installation of the laser bird repellent.

Benefits for Aebi Schmidt:

- Eliminated financial loss caused by bird activity
- Completely reduced bird activity (100% reduction)
- Enhanced sanitation

Aebi Schmidt develops and manufactures equipments for road surface maintenance. The company has a leading position in the European market. Aebi Schmidt Nederland is a part of the international Aebi Schmidt Group located in Holten, the Netherlands. The products on site at this facility include de-icing vehicles and devices. The outdoor storage area proved to be very attractive to crows and pigeons, and the birds' nesting activity soon became difficult to control. Facilities staff were continuously cleaning storage units and making repairs to rooftop air conditioning units and wiring. "It takes about one hour to clean each container spreader. Imagine how much time and money we could have saved!" stated Madien.

With their unique problem and facility design in mind, Madien and her colleagues searched on the Internet for a permanent, efficient way of bird repellent. They watched numerous videos and read multiple articles on the topic, and concluded that Bird Control Group products might suit their requirements. The team discussed their needs with Bird Control Group; ordered the Autonomic; and had it installed in a short timeframe. The facilities staff is convinced

the bird repellent laser is a success! Madien also emphasized the easiness of installation: "We were positively surprised that it didn't require any extra efforts to install the device." The team was even able to program the laser for bird repellent in the evenings to protect the client vehicles they store outdoors.

"It is a very effective device for bird repellent! We have used Autonomic over six months, and we have achieved great results! We are absolutely happy with our purchase!"

Madien Smeenk, Facility Employee of Aebi Schmidt

Based on the results Aebi Schmidt achieved, Madien Smeenk has expressed a strong belief in the potential for Bird Control Group's products in the market. The technology offers benefits to small farmers as well as large agricultural and industrial operations, all of which can attain a long-term, sustainable solution for their bird problems.