

Fintraffic's Vessel Traffic Services prevented all work-related infections with maximum air cleanliness



Fintraffic's Vessel Traffic Services handles maritime traffic control, information, navigation assistance and traffic management from three different VTS centres in Finland. Part of the staff decides within their team where they work from, but the operational staff is needed in the control room 24/7, 365 days of the year.

Why does air cleanliness have an important role in VTS centres?

Long quarantines would have been a nightmare for shift planning. Not only because of long sick leaves, but also corona exposures could have led to a situation where a large number of vessel traffic controllers would have been quarantined and dozens of shifts would have had to be rearranged.

How did the organization choose Genano?

The organization was already considering air purification or antimicrobial coating of surfaces as additional protection options against covid. After reading the research data, they became convinced that corona is an airborne disease and therefore infections are best prevented by air purification.

Another decisive factors were Genano's references from similar sites and official research report that proves Genano's electronic air purification technology eliminated 99.999% of indoor air microbes. In spring 2020, the customer decided to purchase a total of 10 air purifiers from Genano,

initially on a one-year trial basis, followed by a three-year lease agreement.

"We are pleased with the fast service during the quotation and ordering phase. The cooperation was seamless and the installation did not require any special measures. The yearly maintenance has also been seamless and proactive," says Security Manager of Fintraffic's Vessel Traffic Services Jorma Timonen.

Genano's energy efficiency

Genano being a local and ecological company also weighed in the decision making. Sustainability is an important value for Fintraffic's Vessel Traffic Services, which aims to protect the Baltic Sea. The staff can help vessels reduce waiting times and guide them to save fuel.

Genano air purifiers are ecological and very energy efficient compared to conventional air purifiers. The innovative Genano air purifiers use electric filtration instead of clogging fibre filters. Traditional fiber filters cause an increase in energy consumption the dirtier the filters become during use. Genano air purifiers combine energy efficiency, consistent air cleanliness 24/7/365 and unbeatable cleaning efficiency in terms of particle size, volume and clean air delivery rate.

Because the work requires concentration, the quietness of the air purifiers is also a positive feature for the control room staff.

Results - no work related infections

Since the installation of Genano air purifiers, zero work related infections have been identified (until November 2022). Together with other complementary safety measures, the results have been excellent.

"Although there have been cases where an employee has unknowingly been at work while having covid, there haven't been any work-related infections."

"In addition, one of the employees said that during the street dust and pollen season, the air quality has now been clearly better. Normally she suffers from allergies, but the symptoms have decreased considerably compared to previous years," says Jorma Timonen.

More information on Genano air decontamination units: www.genano.com

