



WAINS | Whitepaper

Digital pest control in times of corona crisis

How digital solutions enable safe and reliable pest monitoring even in difficult times.

Content

Preface	03
Challenges	04
Solution approach	05
Conclusion	06
About WAINS GmbH	07

Preface

Exceptional times require exceptional actions.

What was unthinkable a few months ago is now a harsh reality in some parts of the world. People are no longer allowed to leave their homes, productions are closed down and the health system is pushed to its limits.

According to experts, the current global situation will not be resolved in the coming weeks. Many companies are therefore preparing for less turnover and production or inventing new business ideas in order to survive the time of this crisis. It is now important to learn from this situation and to prepare the company, as well as its products and business models, for future exceptional situations.

Challenges



Many companies that provide pest control and monitoring services are currently facing major challenges. How should traps at customers' premises be checked when their production is closed and no one is allowed to enter the building? How can customers be fully advised and monitored in this situation? Who can detect a critical infestation if all employees have to remain in home office or quarantine?

These or similar tasks confront many pest controllers today. One challenge that needs to be overcome is the regular inspection and access to the traps on site. Solving this problem can make the work of pest controllers a lot easier in the future.

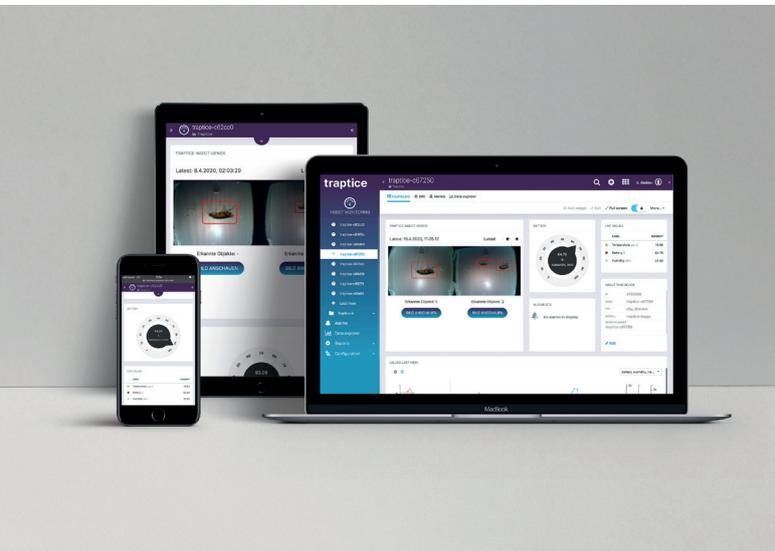
In large production facilities, for example in the food industry or, like the current situation in the automotive industry, individual factories or even entire companies will be closed until further notice. However, in order to be able to comply with statutory or contractual controls of insect monitors, pest controllers must check on site whether or not infestation is present in the trap. If productions are closed, this control cannot take place and a possible infestation is discovered too late.

Nor can the monitors be checked if employees are in quarantine or have to work remotely from home. Nevertheless, it must be ensured that the situation at the customer's premises can be inspected on site.

Solution approach

To detect an infestation in an insect monitor at the customer's premises and ensure that measures are taken in time, digital solutions can be used. These solutions support the pest controller by recording environmental variables as well as the status in the monitoring box and sending them to a cloud platform. Some similar solutions are already used for rodent monitoring.

In addition to the digital monitoring of the traps and the ability to continue the service offering, the pest controller also requires fewer people on site, saving costs and working time. Using the digital solution, the pest controllers are able to view each case at any client's premises from home or on the road without having to spend additional travel time. Furthermore, the inspection cycles can now be drastically shortened. Instead of 3-6 week cycles, it is now possible to receive a daily update of the traps. This saves the pest controller valuable time, which he can use to give full advice to customers or to improve actions when cases occur.



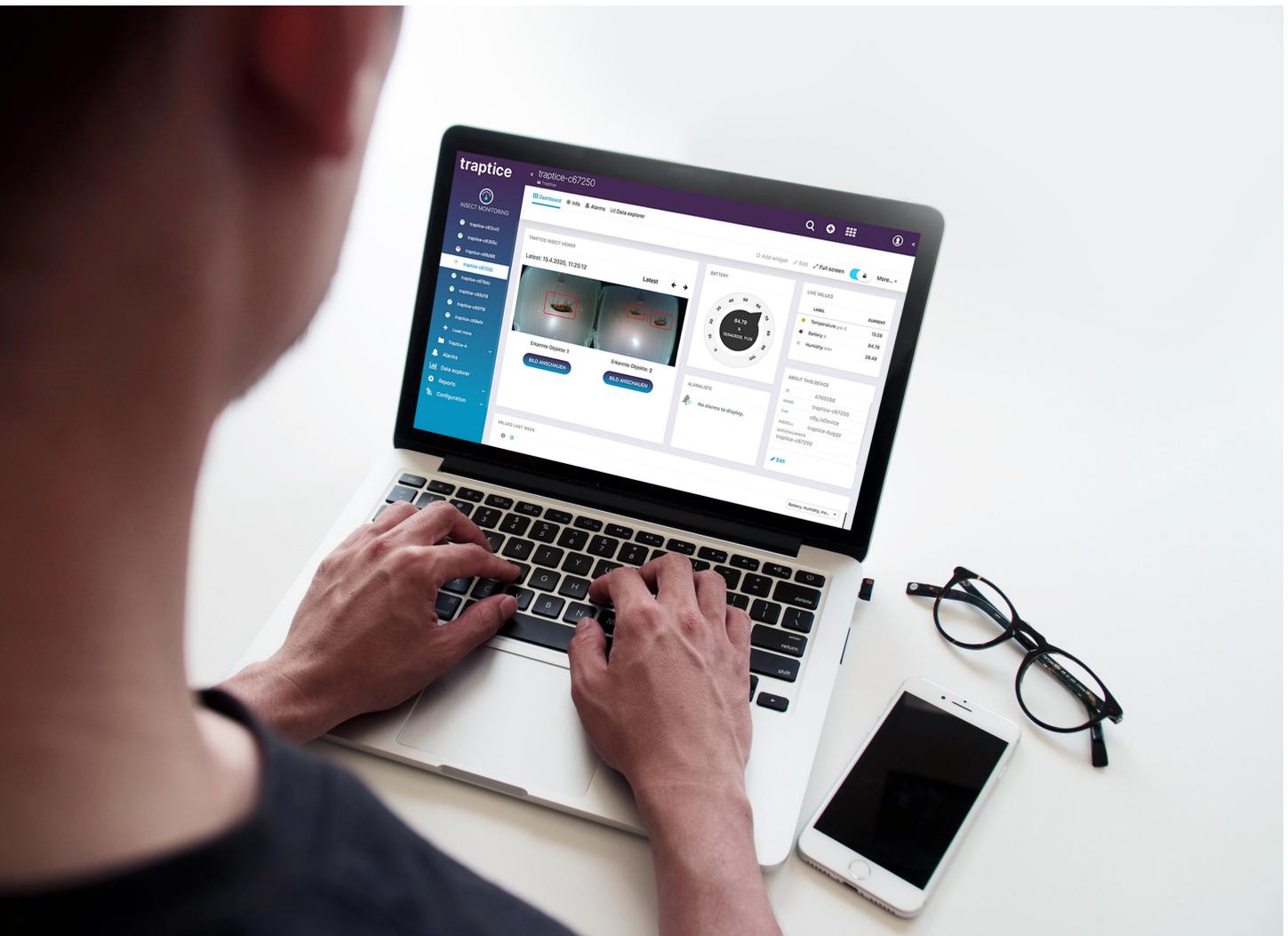
The solution for pest insects is based on a monitor window box (Frowein808) and a digital unit that records parameters such as temperature and humidity via sensors. In addition, images are taken from the adhesive foil inside the box and are then sent to the cloud platform via WLAN.

Using an individual login, pest controllers can check their traps in the system at any time and are notified directly if critical values are exceeded. This enables pest controllers to check the traps on a daily basis without the need for an employee to be personally on site. In addition, an infestation can be detected early and appropriate measures can be triggered directly.



Conclusion

Through the use of digital solutions, pest controllers are able to offer and reliably perform their professional services, even during periods of home office and closed productions. Especially in times of uncertainty it is important to offer customers and employees a secure perspective for this situation. With the help of online monitoring solutions, employees can carry out most of their work from home and customers can be sure of reliable monitoring of their premises.



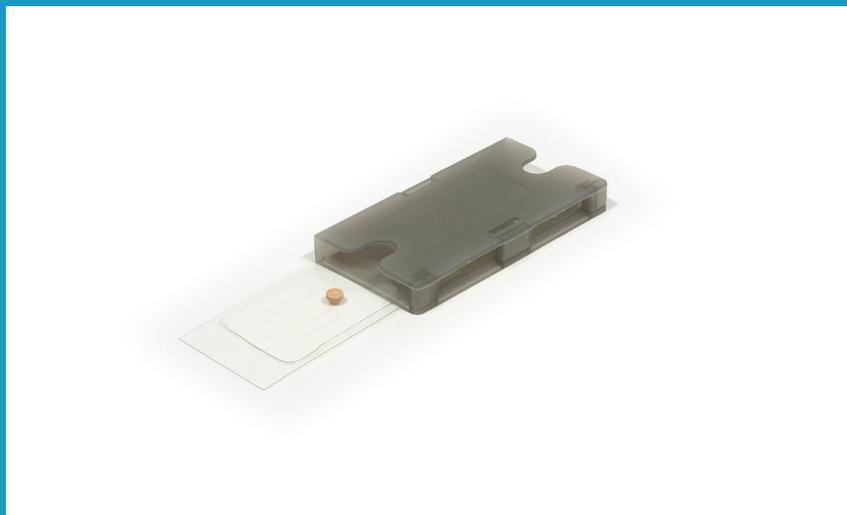
About WAINS GmbH

WAINS GmbH is fully dedicated to the topic of digital monitoring of pest insects. Founded by experts in pest control and IT, WAINS combines knowledge from all relevant areas with the aim of revolutionizing the monitoring and control of pest insects.

With its product **traptice**, WAINS GmbH is launching a new concept for digital condition monitoring of insect monitors for pest controllers and their customers in industry, pharmaceuticals, hotels and restaurants.

traptice is based on a robust and stable monitor window box (Frowein/808), which attracts insects via specific attractant tablets or pheromones and fixes them by an adhesive surface. A digital unit is installed on the window box, which uses sensors to detect environmental variables and sends these together with a live image of the adhesive film to a specially designed cloud platform.

Thanks to the ready-to-use concept, you can integrate the solution directly into an existing concept. Inspire your customers and make your company ready for the future!



Do you have any questions
or would you like to learn
more about our solution?

Please contact us!

WAINS GmbH – Your expert for modern pest monitoring

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