

Presenting the new eMitter Cloud based pest control solution

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Being well known as a producer of connected rodent traps since 2006 and in delivering these to leading pest control operators worldwide, Futura is opening its doors to other manufacturers and technology suppliers. In 2017 a pest control manager should not have to choose between 50 different systems for rodent and insect control. Currently all manufacturers have their own computer Apps and all of them are different in terms of usage and in quality. Instead of building another island solution, Futura is opening up to be a business pest control gateway for several smart products. With this, we can offer a unique application with endless potential.

Manufacturers should focus on what they are best at: making great products and we can connect them to the internet. Similarly, pest controllers should focus on pest control and not on keeping up with the different systems they are using.

Instead they open their eMitter App and find all solutions at hand, combined in one easy app. With this solution, users have full flexibility and are not bound to one manufacturer.

Futura currently offers several in-house products, like rat and mouse sensor solutions for snap-traps, live traps and bait station surveillance. Furthermore, the company is offering a rodent and bird control camera, the PestCam. The company has already launched partnerships with leading fly killer manufacturer Alcochem and three Danish companies Camro, Tec-Solutionz and Ratel (Sewer Traps). There are many more partnerships to come.

Nowadays you must dig deep into technical features, certifications and standards as things are in the process of changing quicker than ever. This is something that gets too technical for most pest control operators, but it is important to highlight that Futura

can offer many different Internet of Things (IoT) standards with products: EnOcean, LongRange, SigFox, NB IoT, Bluetooth, WIFI, GSM. Additionally, as batteries begin to be everywhere and people realize that they can pose a hazard, also available are robust battery-less sensors, patented and already in use for over 10 years now. All battery-powered solutions by the manufacturer can send daily reports and last many years.

All products are designed as modular, so whether the user is based in the UAE, Denmark or Switzerland, the eMitter approach can deliver a solution that is best for each country's network infrastructure.

The eMitter Outdoor (a waterproof rat trap sensor with long range technology) has just been updated with a new technology so it does not need any gateways, but sends signals directly to the cloud. This brings costs of hardware and installation down to a minimum. Another great feature of the update is that the sensor now has motion detection. A clever icon of the trap in the App shows that the trap has recorded activity. This was realized without battery-eating PIR sensors, but solely with mechanical sensors and without false-alerts.

A pest controller can now proceed and set the trap after motion has been recorded and wait until it catches a rodent. After a catch-alert on the phone,

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the trap knows if there is a rodent in the trap or not and if not, it can still be used for movement monitoring. The trap can also be adjusted mechanically so that it has a much more sensitive activation and can also catch mice. This sounds like the modular solution pest controllers have been waiting for.

For a pest controller, smart monitoring is definitely becoming more in demand, by higher food and pharmaceutical standards and through further restriction of rodenticides by law. The decision as to which system to purchase is a tough one though, as operators have thousands of traps in the fields which need to be equipped with technology - this means a lot of money to invest. What if the technology of the manufacturer will be outdated in a few years and just stop working, or what if the products worked well in a board meeting on the table, but not in the field, when placed inside rodent boxes? Futura's goal is to provide a solution that allows

pest control companies to be flexible and to be able to use whichever solution they wish to, all on one open platform. This gives business flexibility and security of invested money.

Many more solutions are to come and the company has ongoing discussions with more manufacturers about integrating their sensors in their modern Apps and website management portal. If you are a manufacturer feel free to get in touch and if you are a pest controller feel free to contact the company for direct consultation.

Futura also produces the non-toxic, allergen free NARA long-time monitoring tools (NARA Spray as the newest product in line) and has a wide expertise not only technically but also in easy and innovative pest control products. If all the above is too much for you the company also offers a smoke detector for a mouse trap, which is their eMitter BEEP - a sensor that



beeps repeatedly when a rodent is in the trap; probably the easiest way to use technology in traps.

■ For more information visit www.emitter.info.