



nopixgo SUCCESS STORY: Iftest partners with Nopix Global, a breakthrough technology start-up to bring to market a revolution- ary mosquito repellent wearable Nopixgo®

It's a continual plague: cozy summer evenings and family trips to the river ending with multiple itchy mosquito bites. Traditional insect repellents tend to be sticky, only offer limited protection and aren't always kind to skin. A new, Swiss designed product utilizing breakthrough technology from Iftest offers an innovative solution: by harnessing the natural behavior of mosquitos when sensing an approaching thunderstorm Nopixgo® provides lasting protection and looks stylish.

The Nopixgo® wearable can easily be taken through airport security and is a holiday life saver in the most mosquito infested destinations. In fact, the wearable was specifically designed for tropical areas where mosquitoes transmit dangerous diseases such as malaria, dengue fever or the Zika virus.

How Nopixgo® works: portable thunderstorms

When a mosquito notices a thunderstorm approaching, to ensure its survival, its primary focus is self-protection, and therefore it will avoid biting, and will behave in an overly passive way. These thunderstorms are sensed from afar because of the changes in electromagnetic fields and atmospheric discharges and an instinct rooted in the mosquito DNA then triggers this natural protective reaction. High-tech electronics within Nopixgo® mimic these stimuli, reducing the risk of mosquito bites without the use of chemicals, up to a radius of two meters. Unlike traditional repellents, mosquitos will not acclimatize to the Nopixgo®, and the emitted waves and signals are proven to be harmless to humans and animals. In fact, the signal is 100 times lower than that of a smartphone.



less to humans and animals. In fact, the signal is 100 times lower than that of a smartphone.

Developed to successfully fight malaria

Traditional insecticides and prophylactic medication that are used to repel mosquitos and prevent the diseases they transmit, have failed to contain these diseases effectively. Diseases continually develop new resistances to drugs, the medication often has considerable side-effects and the insecticides pollute the environment, leaving a negative impact on the eco-system.

Inventor and physicist Kurt Stoll witnessed the effect of malaria on children and was driven to research a new approach to mosquito prevention. It quickly became clear that instead of chemical mechanisms, he had to research the evolutionary properties of mosquitoes to find an effective yet non-toxic solution against annoying and often dangerous mosquito bites.

Positive customer experiences worldwide

Three years ago, entrepreneur Richard Karlsson discovered Kurt Stoll's patented invention, recognized its potential and founded NopixGlobal AG, which owns the exclusive worldwide product sales license. Demand for the wearable continues to grow thanks to its considerable advantages compared to other repellents. It's ease of use, lack of chemicals and high efficiency continues to impress wearers worldwide and their positive experiences have led to a rapidly growing customer base.

Ifstest know-how enables Nopixgo® product optimization

NopixGlobal AG needed an EMS service provider which could produce the wearable electronics for Nopixgo® in high volumes and with impeccable quality to meet customer demand. Ifstest not only guaranteed this but also partnered with Nopixgo® to drive product optimization and ultimately improve the wearables efficiency. Ifstest’s extensive expertise in electronics design and wearables as well as their proven track record in the industrialization and mass production of smartwatch electronics, used in many renowned Swiss watch brands, was an excellent match for the innovative company.

NopixGlobal CEO, Richard Karlsson, says: „Ifstest provides us with a single point of contact in every area, from customer service, to strategic purchasing, development and mass production – and the team responds quickly to our needs. Optimizing the design in cooperation with Ifstest enabled us to achieve a 30% increase in Nopixgo® performance. Ifstest continues to offer excellent support, especially in specific areas such as the selection of components where product cost and availability is important. All in all, Ifstest is the perfect partner for NopixGlobal. „

Optimizing costs for tropical emerging economies

Nopixgo® is currently available on its webshop, on Amazon, Jelmoli in Zurich and in selected pharmacies. Additional sales partners are continuously added and the product is expected to be sold and marketed worldwide. The company’s vision, to lower the unit cost for purchase in emerging and tropical countries, is based on continual growth. Non-governmental organizations (NGOs) and health companies have shown interest in the wearable which has huge potential when it comes to protecting people from the transmission of malaria, dengue or Zika virus

Swiss invention from Swiss production saves lives

Nopixgo® is well on the way to advancing this Swiss invention success story, which is manufactured and marketed in partnership by two innovative Swiss SMEs. Richard Karlsson says: „It is a great motivation for NopixGlobal, in close co-operation with Ifstest, to fully exploit the potential of this technology. To protect human lives in the tropics as well as to give as many Europeans as possible the chance to enjoy a more pleasant evening walk or stress-free beach holiday”.

Ifstest is delighted to have found a business partner in NopixGlobal who shares the same values in terms of social engagement and develops life changing products.



Ifstest AG

- + System partner for industrial and medical electronics
- + Services
 - Consulting
 - Hardware development
 - Embedded software development
 - PCB design
 - Fast prototyping
 - PCB Assembly: SMT and THT
 - Module and device assembly

Success Story | August 2018

Contact

Ifstest AG | Tel. +41 56 437 37 37
bernd.maisenhoelder@ifstest.ch