




Digitalisation of pest control

Detect – Send – Report

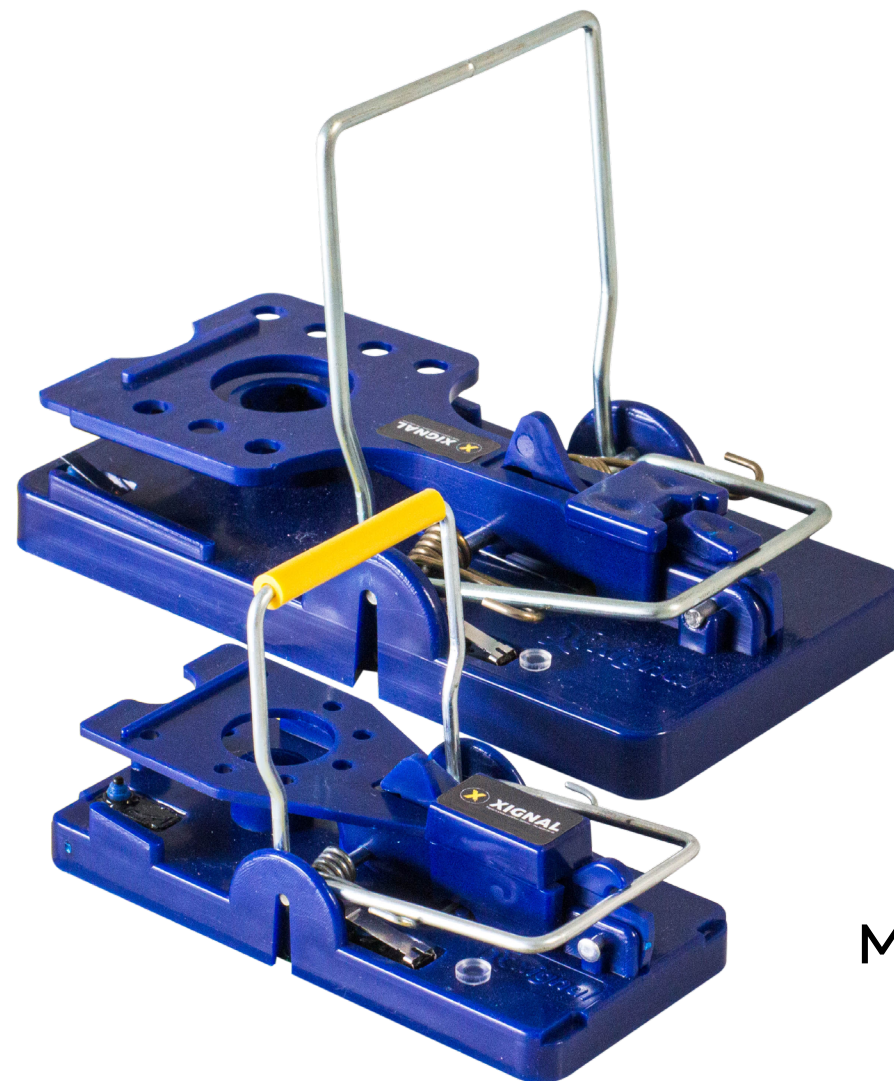




# The Xignal digital mouse and rat traps

- Trapping rodents the smart way with state of the art sensor technology
- 24/7 monitoring and recording of rodent activity
- Provides more time for detailed and productive inspections
- The non-tox digital traps fit in the integrated pest management requirements (IPM), assuring sustainable pest control practices
- The original  SIGNAL - THE ORIGINAL  
PATENTED  
DIGITAL RODENT TRAPS





Rattrap



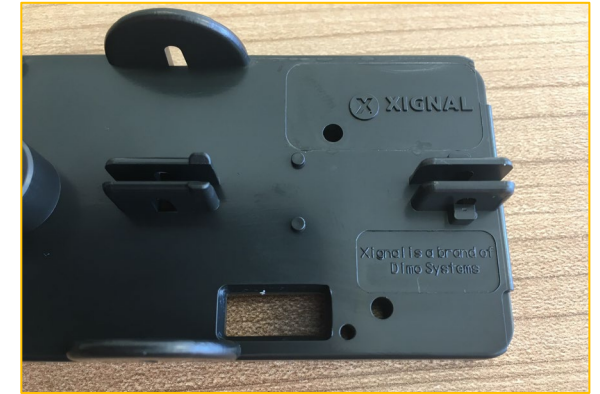
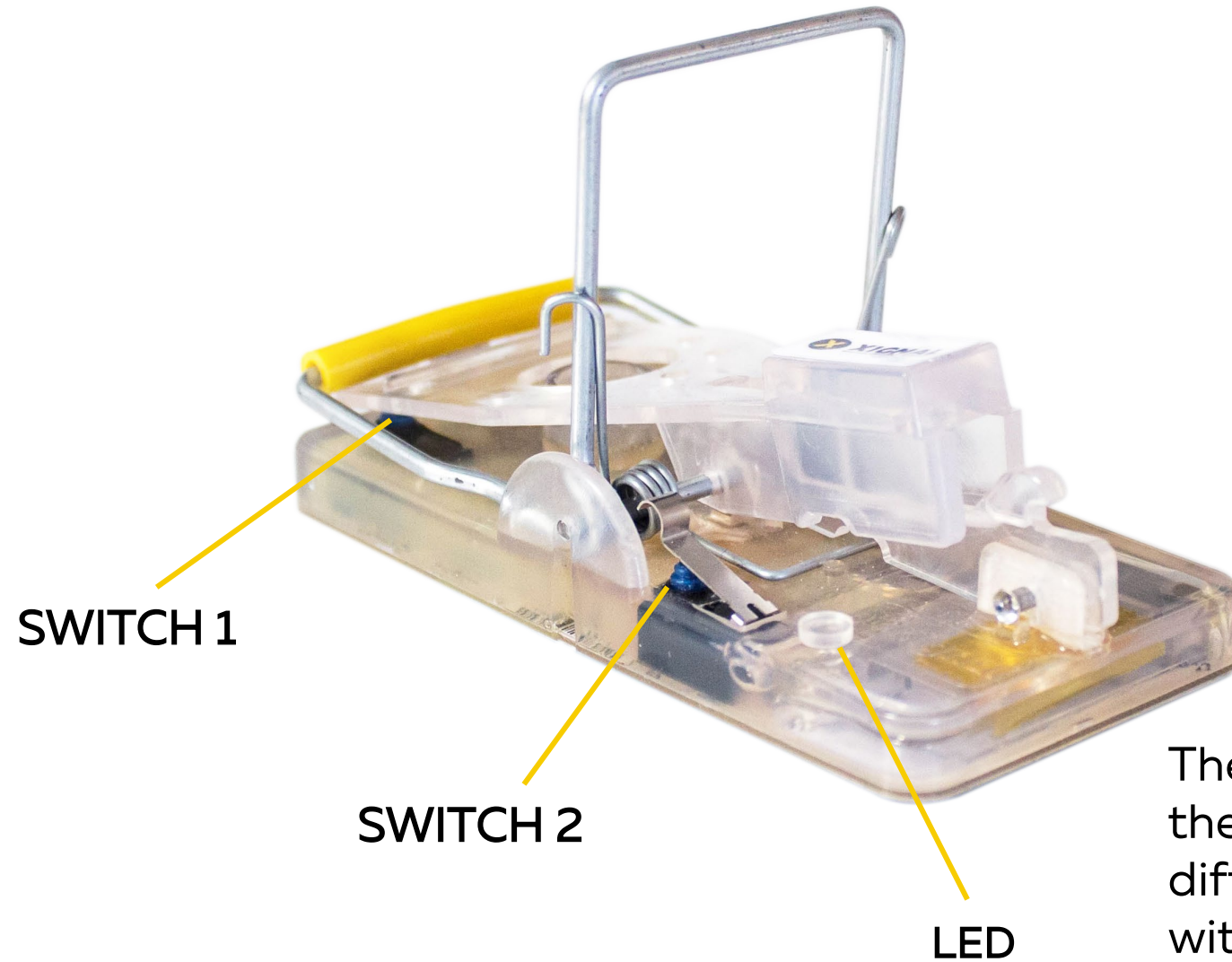
Mousetrap



Signal is a brand of Dimo Systems



[www.dimosystems.com](http://www.dimosystems.com)



The trap has 2 switches to activate the system. The trap detects 3 different statuses: armed, closed with catch, closed without catch.





# Gateway



Gateway indoor



Gateway outdoor





# The Xignal Motion sensor



Motion sensor  
42 x 42 x 14 mm



Motion sensor  
– package  
– 3 unique Lens masks







# The Xignal Motion sensor

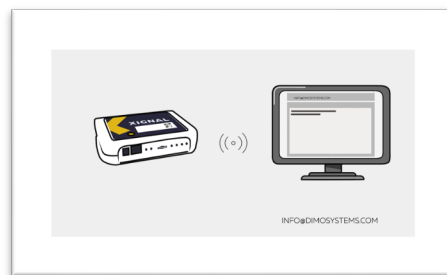
- Sensor for detecting the movement of pests in less accessible locations, such as on a suspended ceiling, in a bait box, in server rooms, in a cable tray, etcetera
- 24/7 active pest monitoring
- Provides more time for detailed and productive inspections
- Range up to 5 meters wide and 4 meters high. Thanks to the lens masks you can focus in various ways within the range



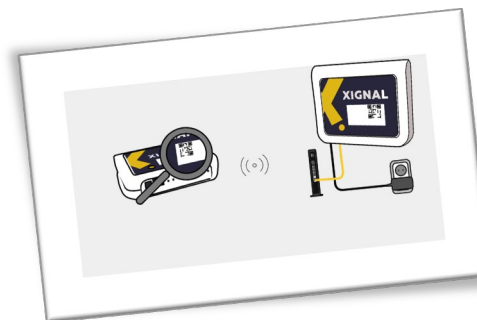
# How does it work- Connecting the gateway



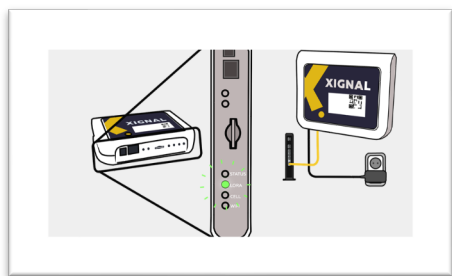
1. Create an account in the portal and/or download the Xignal app



2. Register the gateway



3. Plug in the gateway



4. Wait for the LoRa led light to turn green

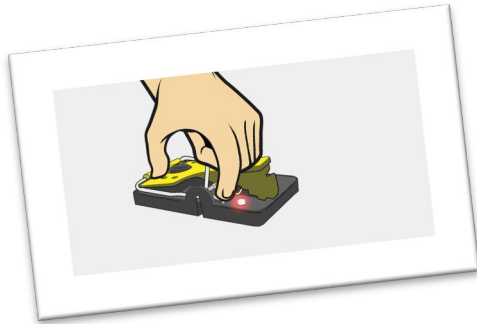


5. Register the traps by scanning them with the app or by filling in the serial number in the portal





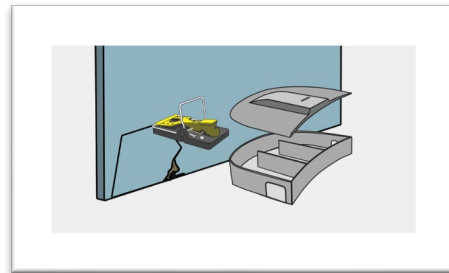
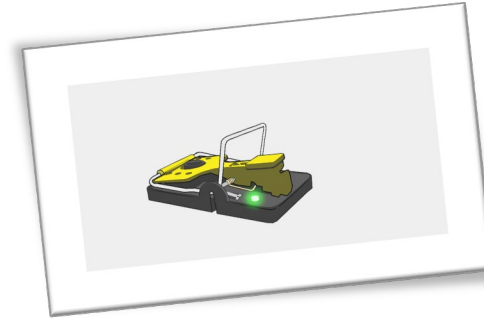
# How does it work- Setting the trap



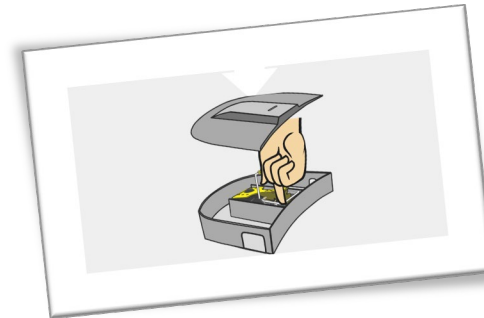
1. Wake up the trap by pushing the two switches



2. Watch the trap connecting to the gateway and wait for the green led to light up



3. Place the trap in the box



4. Arm the trap and close the box

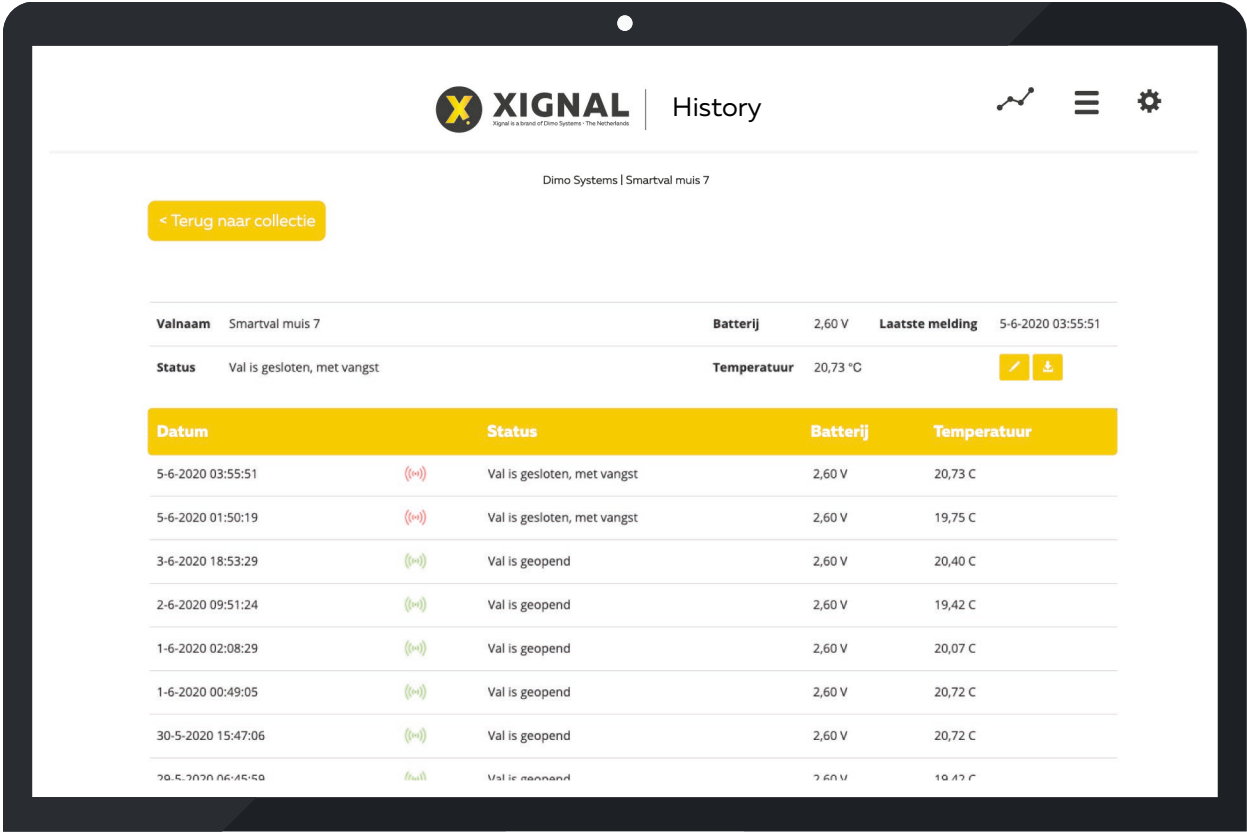




Xignal is a brand of Dimo Systems



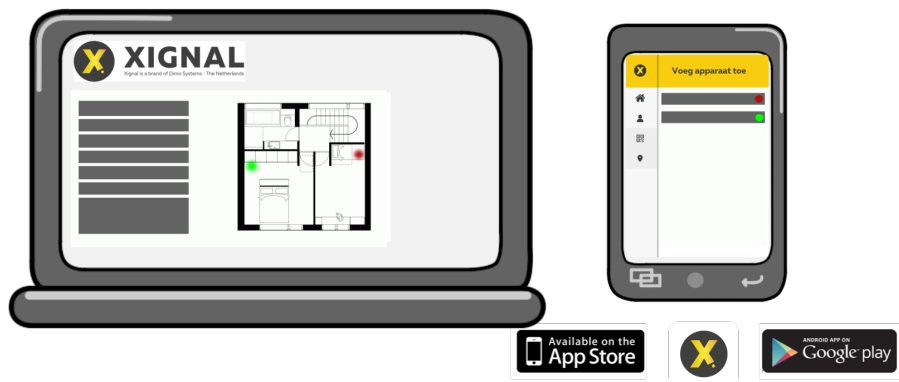
[www.dimosystems.com](http://www.dimosystems.com)



# Advantages Xignal portal

- 24/7-365 online sensor monitoring
- Alerts and notifications per e-mail/ app
- Easy trends of activity through the portal
- Data export (Excel/CSV)
- Floor plans in web portal
- Registration by scanning QR code using the Xignal app
- Multiple users
- Unlimited locations per account
- Unlimited history
- No direct need for manual control of rodent traps: more time to create a prevention plan, taking pictures, writing recommendations etcetera

my.xignal.com



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# Features Xignal traps

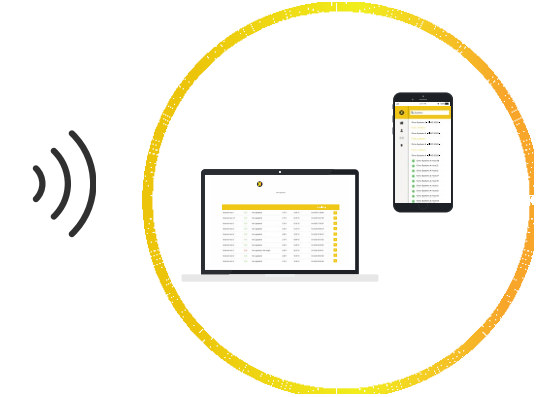


- Ability to detect false-positive “catches” by the 3 statuses of the trap
- LoRa long range and energy efficient
- Range/network indicator on the trap (LED)
- IP67
- CE, FCC, LoRa alliance certified
- Fits in most standard available bait stations on the market
- Daily reporting state including temperature, battery level and status
- Instant update (alert events)

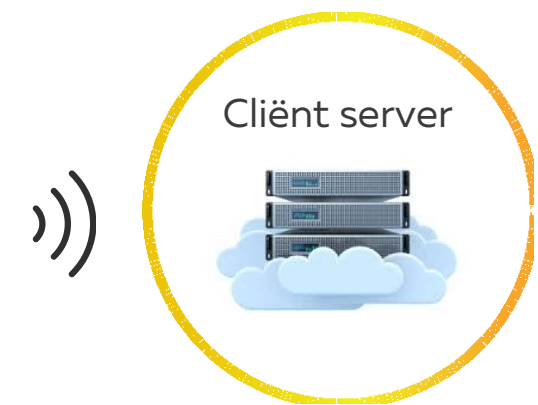




my.signal.com  
& Signal app



Broker service:  
(push data to  
client database)



Cloud



Signal indoor and  
outdoor Gateway  
& network server  
(private or public)



Internet  
LAN/or 4G  
(if private)



Signal sensors



LoRa



# Xignal products



Mouse and Rat trap



Motion sensor



Indoor Gateway

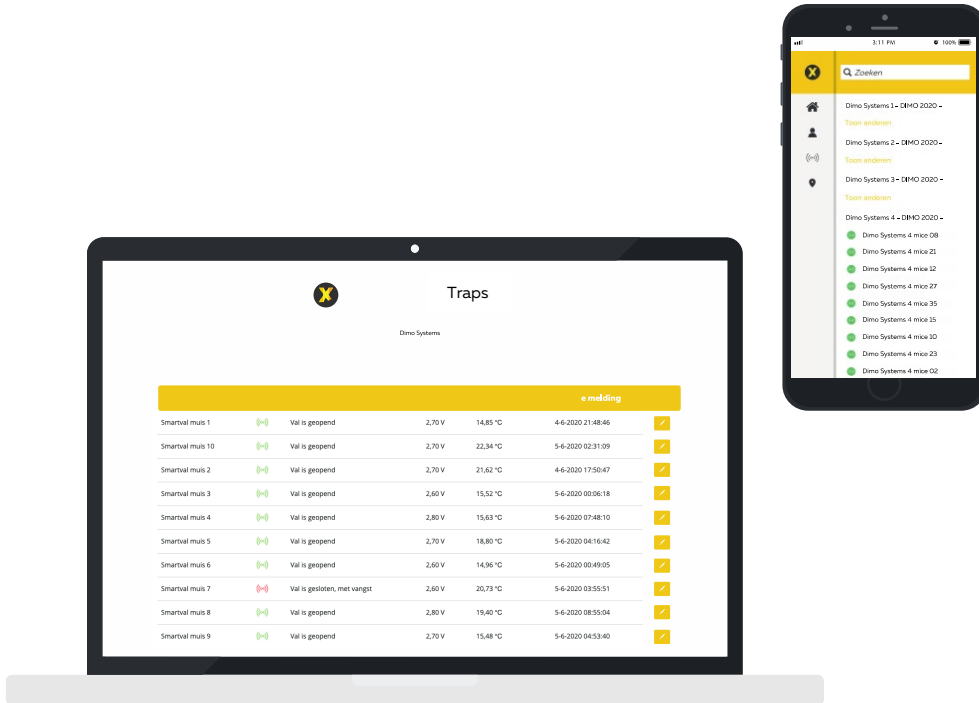


Outdoor Gateway



# Future of rodent control

## Advantages digital monitoring / Xignal Solution



- 24/7 online monitoring
- Real time reporting (and archive of catches)
- Time and money saving solution
- Immediate notification of emerging rodent infestations
- Interface ready



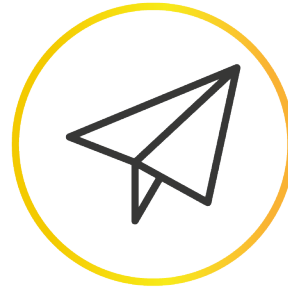
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**Detect**



**Send**



**Report**



**XIGNAL**

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