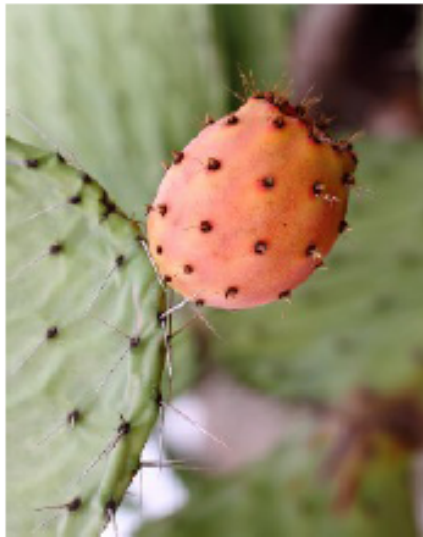




Sabra Fence



Sabra (*Tzabur*) actually refers to a cactus plant that is indigenous to the area, which is sometimes called a prickly pear cactus. The Sabra has the ability to grow in extremely adverse conditions and is known to have a comprehensive system of thorns that protect an interior that is extremely sweet and tender.

The name of the company, Sabra Fence Technologies Ltd, reflects its initial focus on the electronic perimeter fence and sensor market. Sabra Fence Technologies Ltd is a company registered in Israel. It was established in 2008.

The applications and usage segments of the technology are so vast that they span well beyond traditional perimeter fencing into new untapped markets. This potential has prompted the founders to adapt the company name in a way that it reflects such a broader potential. For the purpose of this business plan we use the name Multi Sense Technologies ("MST" or the "Company") as the new company name.

Sabra Fence

The Company's smart security systems for infrastructure and outdoor security markets are based on technology which relies on a proprietary multi-sensing capability to detect an event and to react according to pre-programmed scenarios (e.g., scent spray, flashlight, siren).

The Company is built on a solid foundation of real, existing opportunities in the infrastructure and outdoor security market, while tapping new security industry segments well beyond the intrusion detection market.



Sabra Fence

The Company's mission has multiple angles. Our mission is to provide the infrastructure and outdoor security market with a new generation of easy-to-install, reliable and affordable systems by using innovative system architecture and sophisticated sensing devices.

This is done by taking cutting-edge, expensive technology used in military and governmental high-security applications and transforming them into cost-efficient, high-tech, mass-produced products suitable for wholesale distribution.



Target markets



- Water treatment sites
- Gas storage & distribution sites
- Utility sites
- Wheelhouses, storage area
- Factories
- Cellular sites
- Agriculture areas
- Railroads
- Private houses
- More...



Technical Overview

- The company design, manufacture market innovative transducers for perimeter security solution
- Sabra's perimeter security solution enables early detection of intruder utilizing MEMS vibration sensing device
- The transducers are over-molded on a standard outdoor cable, each exchange information over RS485 with SabraHub unit



SabraFence Transducer

- Each transducer includes a micro-processor to do the local calculations to filter solid or false event
- Each transducer has unique address so the intrusion event is detected to the transducer location resolution
- Each transducer could be adjusted to fine tune the sensitivity and functionality individually
- Transducers are molded over the cable every 10 feet enables operation under extreme environmental conditions
- The transducer include multiple sensing devices & technologies to enable using same transducer for variety of applications and customer needs

SabraFence – Multi Technologies

Not Orientation Depended



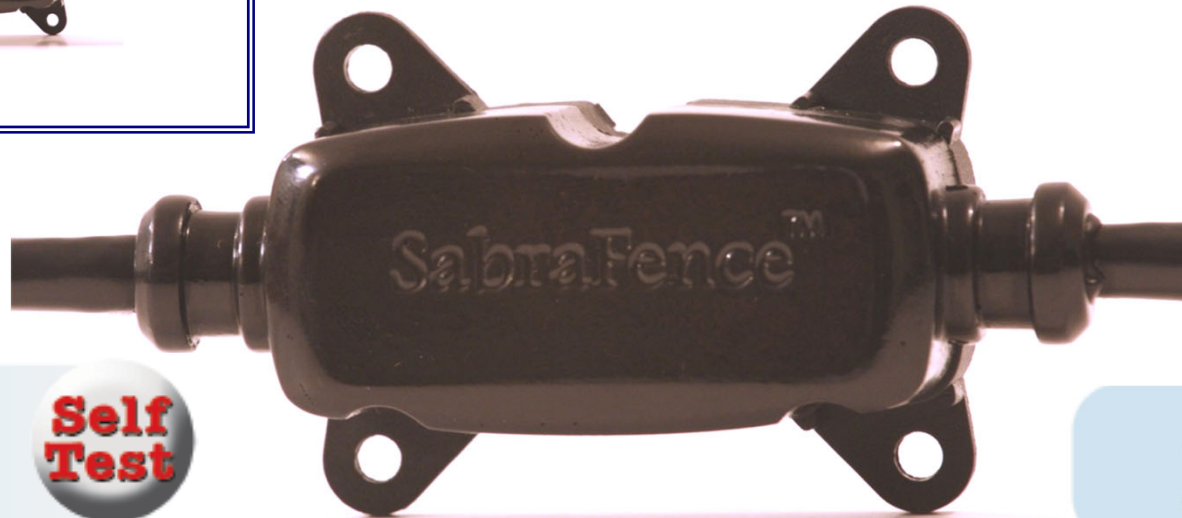
Vibration
Event



Innovative Transducer
with Multiple Detection
Technologies

Active
Self-Test

**Self
Test**



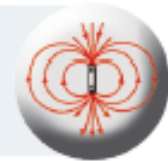
Smart
Patrol



Temperature
Event



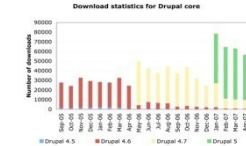
Magnetic
Event



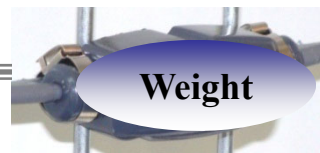
Decentralization concept

Event

- The Transducer
 - Each transducer has a built-in sophisticated algorithm
 - Each transducer can have unique algorithm parameters; different sensitivity for each one!
 - Each transducer calculates the “weight” of an event after filtering the “noise”
- SabraHub
 - Monitors entire system
 - Receives “weights” of all transducers and make up decisions



$$y = b_0 + b_1 x$$



$$y = b_0 + b_1 x$$

$$y = b_0 + b_1 x$$

$$y = b_0 + b_1 x$$

$$y = b_0 + b_1 x$$

Applications

Perimeter Protection



Smart Patrol



Solar Panel protection



Passageway Handling



Fast Deployment



Speed Bump



Temperature Sensing



Fast Deployment



Pipe Protection



Passageway Handling

- Each transducer has a built-in Magnetic sensor
- To add the magnetic capability:
 - Define transducer as magnetic (With SabraHub Software)
 - Rotate transducer by 90deg
 - Install SabraMagnet on infrastructure at opposite side



Temperature sensing

Detects temperature change and report prior to deterioration

- Built-in temperature sensor in any Transducer
- Any drastic change of temperature in a short period of time at 10 feet resolution will immediately reported



Sabra Smart Patrol

- Each transducer can be SSPU (Sabra Smart Patrol Unit)
- A Guard can use Sabra MagicStick to report is location and presence (Sensor Number and Time).



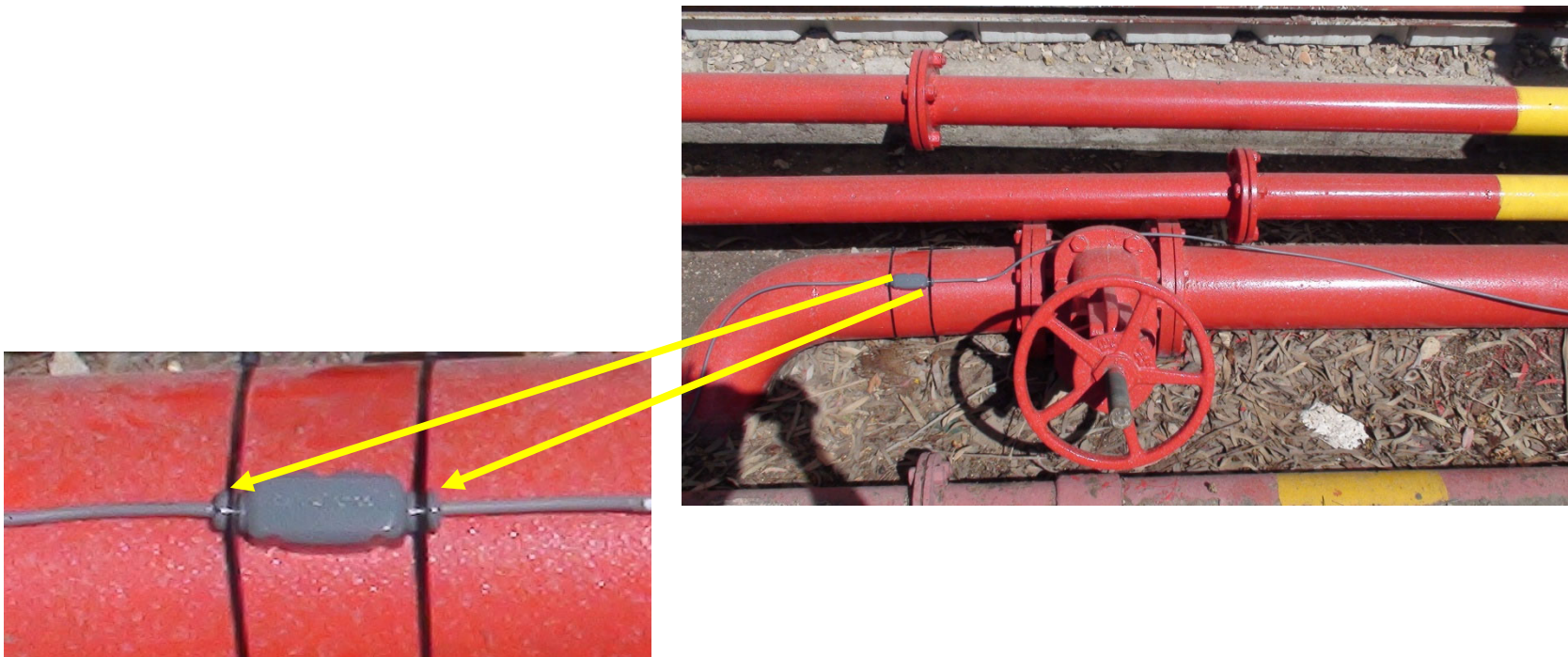
Sabra Speed Bump

- Detection of cars running over Sabra Speed Bump
 - Early detection prior to site entrance
 - Automatic gate control
 - Car counting



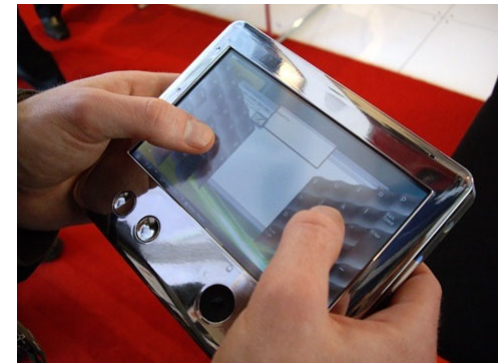
Pipe Protection

- Direct installation of Sabra Transducer over the pipe to prevent any attempt of Tamper, Drill or Hammer the pipe.
- 3m (10 feet) resolution.



Fast Deployment

- Fast deployment of Sabra Transducer over temporary fences / Police barriers
 - Magnet adaptor – Fast and easy to deploy
 - Direct connection to Laptop or UMPC

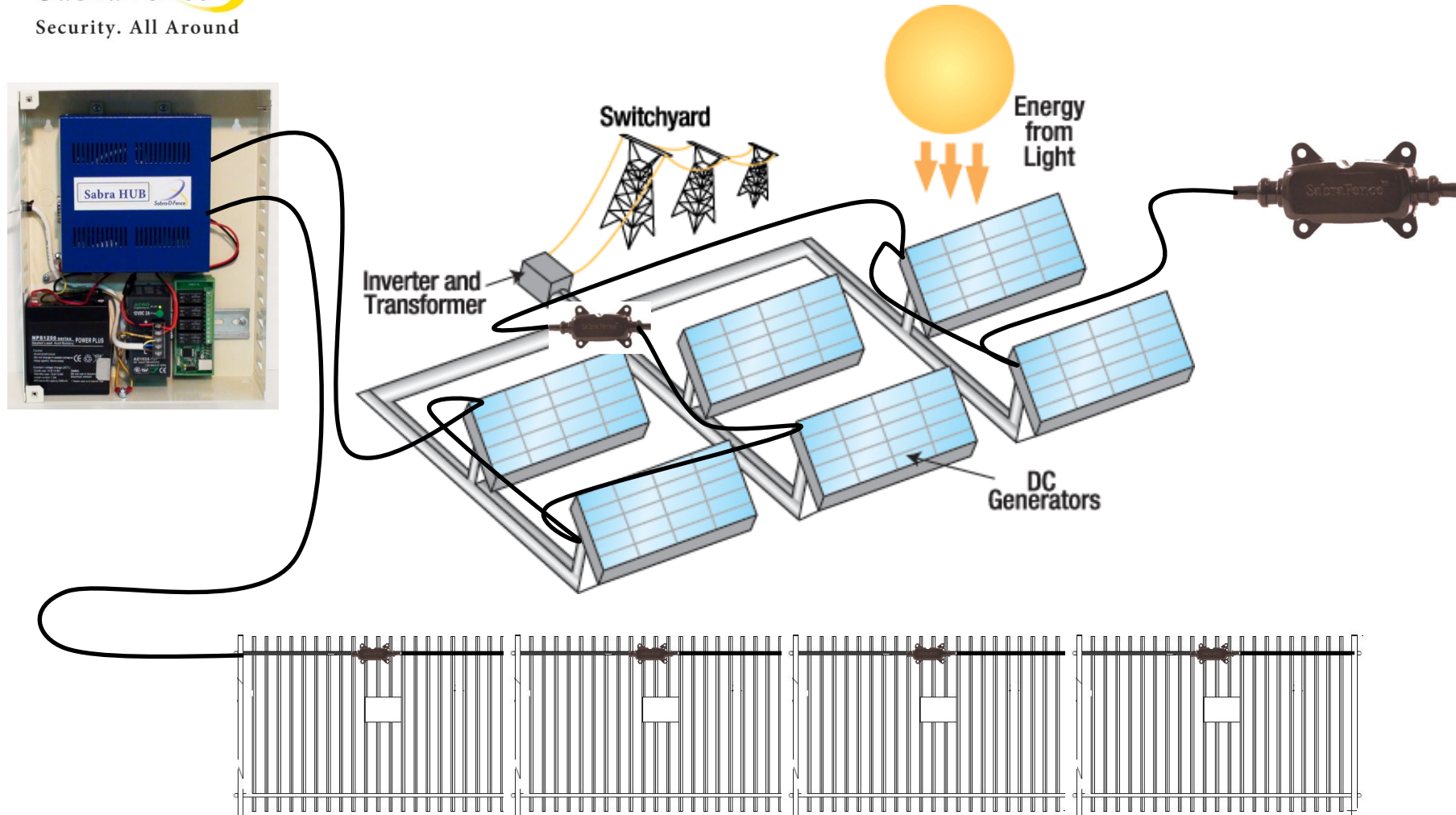


Solar Panel Protection

- Thin special Sabra cable passing through each panel
 - Easy and fast installation
 - Immediate alarm – less than 1 sec
 - Digital communication – cannot be encoded
 - Direct connection through dry contact to alarm system
 - No False Alarms!!!



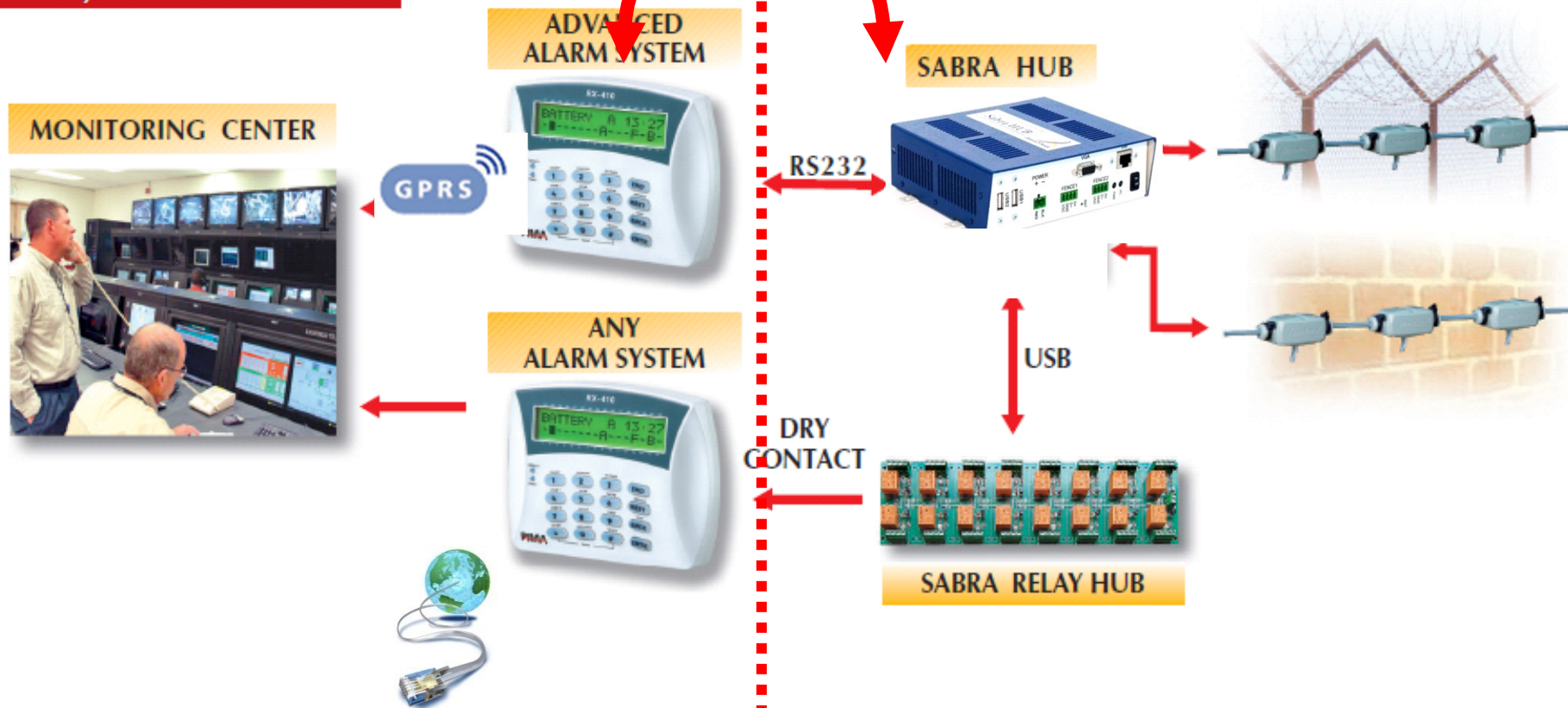
Security rings



Report through alarm system

Data exchange

System Architecture



Reporting system

SabraFence

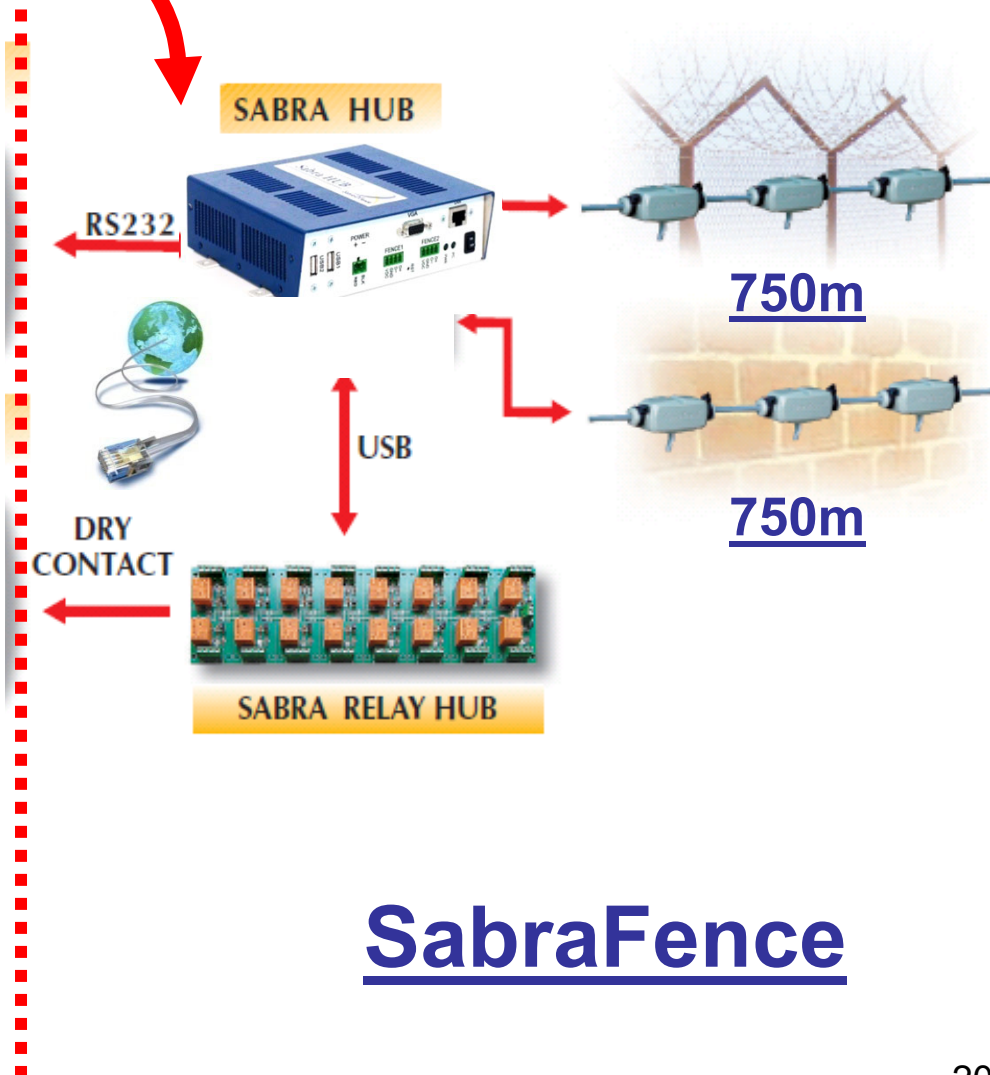
Report through alarm system

Data exchange

System Architecture



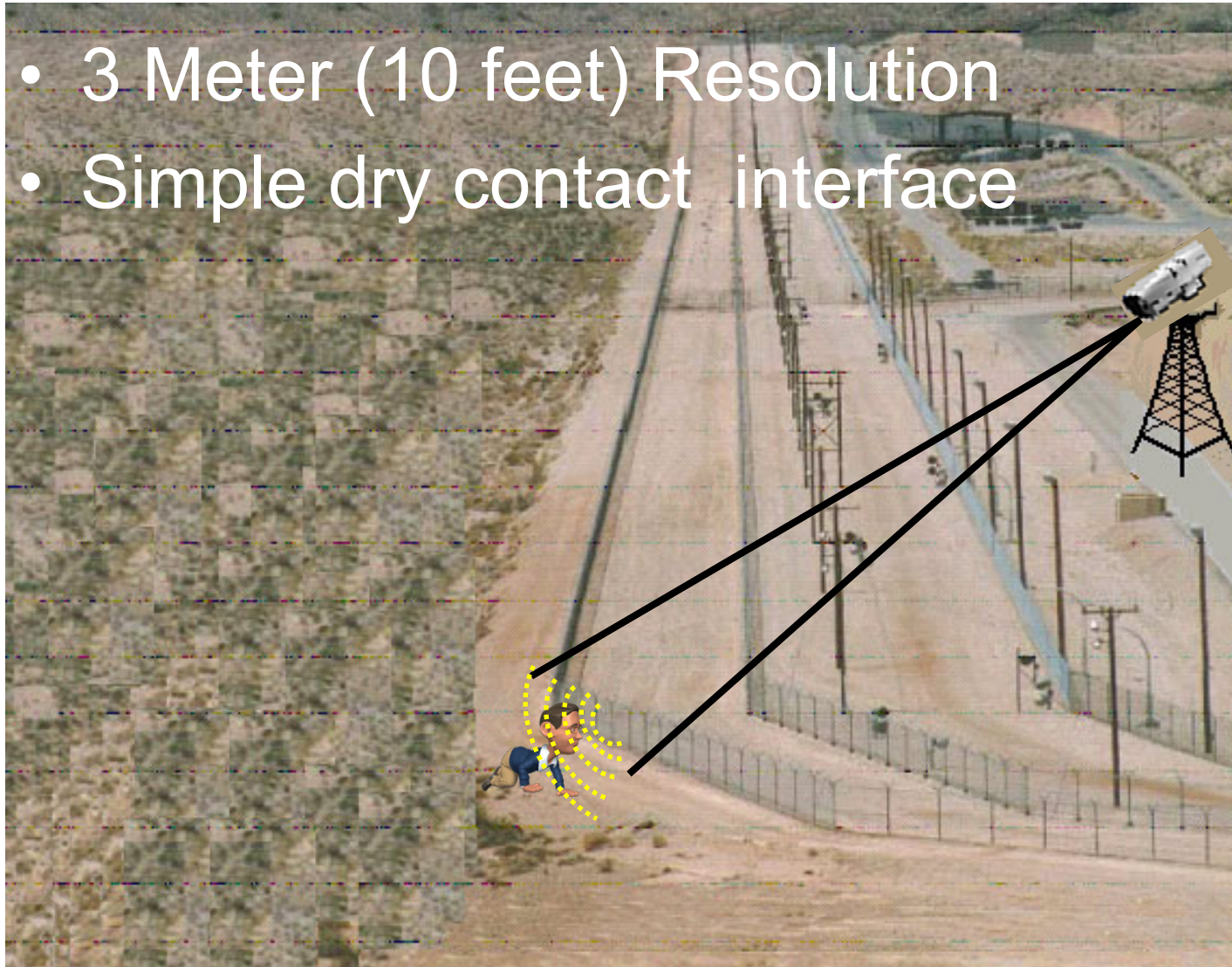
Reporting Systems &
Monitoring Centers



SabraFence

Sabra connection to Camera Presets

- 3 Meter (10 feet) Resolution
- Simple dry contact interface



Monitoring Center

Installation pictures



Water pumping site – “Ayanot”



- 58 Transducers
- 166 meters
- Bars fence
- 1 entrance gate
- 1 SabraHub
- 1 Risco Alarm-System with GSM

- Total time of installation – 4h
- Direct connection to remote monitoring-station
- Remote controlled over the internet



Chile Installation for ADT



- 40 Transducers
- Wall mount installation
- Reporting through Alarm System using Dry-Contacts

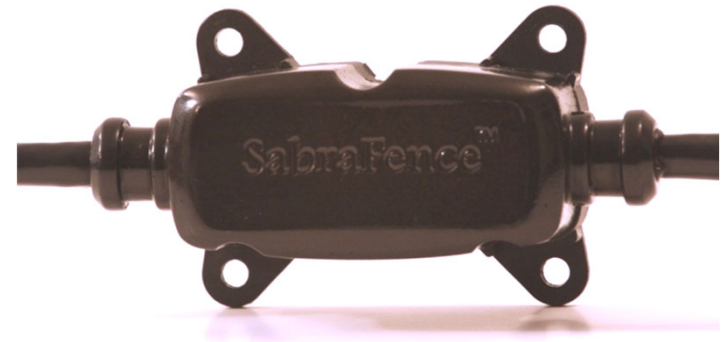


More Installations

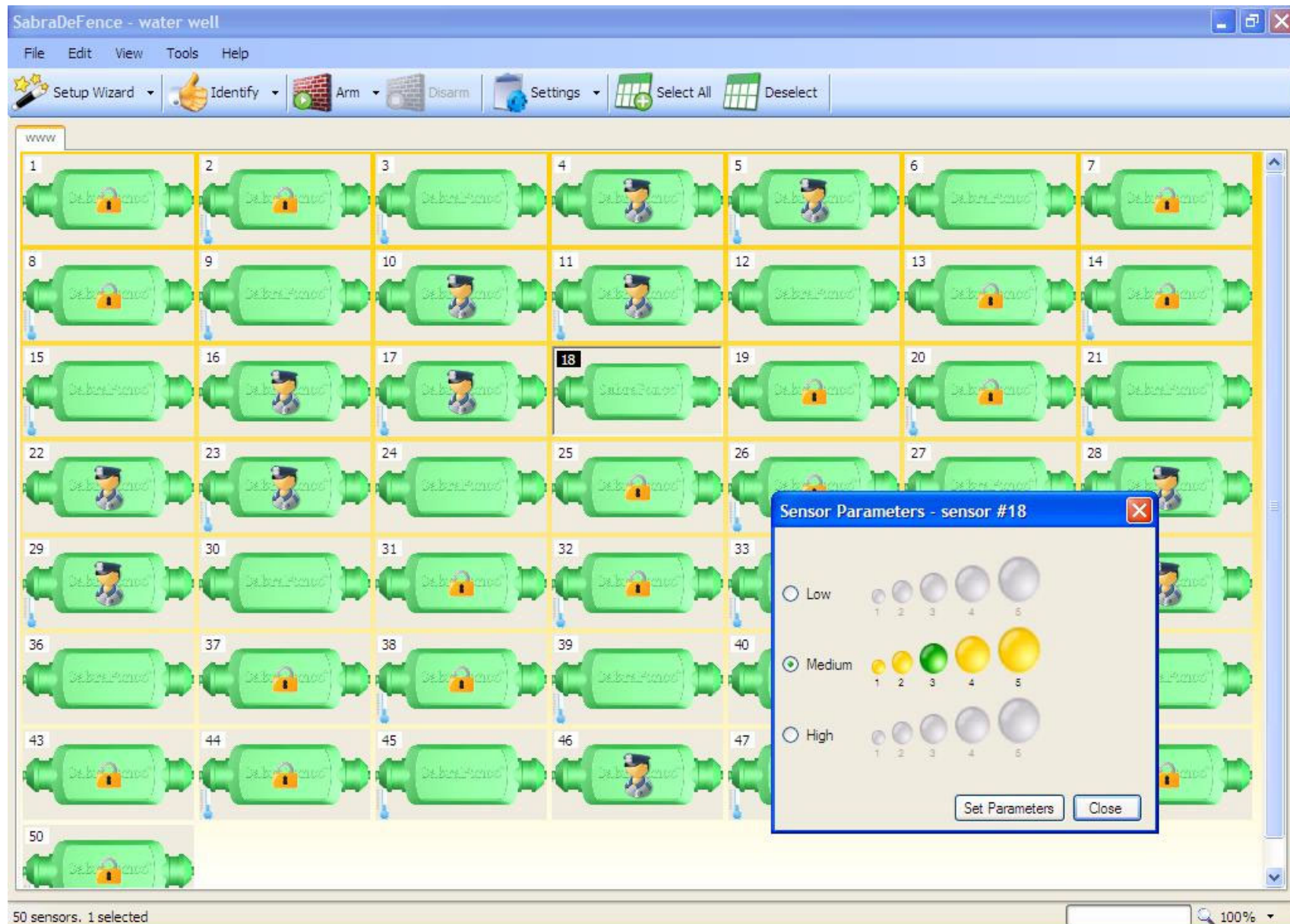


Sabra Fence System

- State-of-the-art technology
- Multi sensing capability
- Omni-Directional installation on any infrastructure
- Decentralize processing – very low FAR and high resolution settings capability
- 3 meter resolution
 - Setting
 - Operating
 - Maintaining
- Various reporting-interfaces
- Adaptable
- Cost effective



Sabra Software Technician View



Sabra Software Map View





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