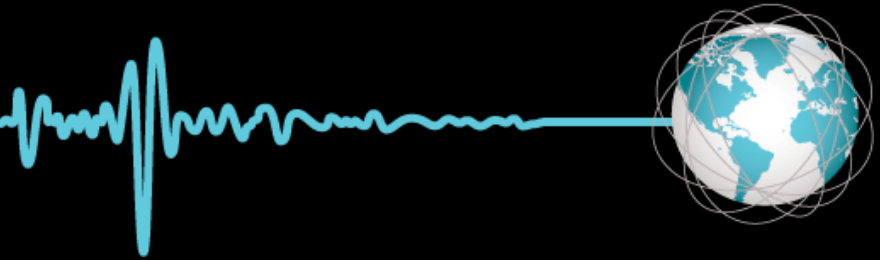


**SureWave Technology Ltd**



# **Presentation of Proven Technology:**

**Wide Area Perimeter Security  
and  
Advanced Tunnel Alert System  
2016**

**Philip Shaw**

# SureWave Technology

## Unique Monitoring and Detection System - TAS2

### **Deliverables:**

- ☒ **Unique Micro Seismic Detection Technology**
- ☒ **Proven to locate to 350+ meters depth for Tunnels**
- ☒ **Proven surface tracking (footsteps up to 500 meters from each sensor)**
- ☒ **No known competitive system can detect and locate to these parameters**



# Deliverables:

- ☒ **Plots 3 dimensional location – accurate to within a few meters**
- ☒ **Real – time information**
- ☒ **Ready and easy to deploy**
- ☒ **Operator training in hours**



## **Deliverables:**

- ☒ **Passive + undetectable**
- ☒ **Operates in almost any terrain**
- ☒ **Sealed to IP67**
- ☒ **Unaffected by climate extremes**



## **Deliverables:**

- ☒ **Will give instant alerts of intrusion and enable tracking**
- ☒ **Interfaces with cameras or other security devices**
- ☒ **Unaffected by the weather or environment**
- ☒ **Will ignore rabbits and other wildlife – few, if any false alerts**



# Our Tri-axial System:

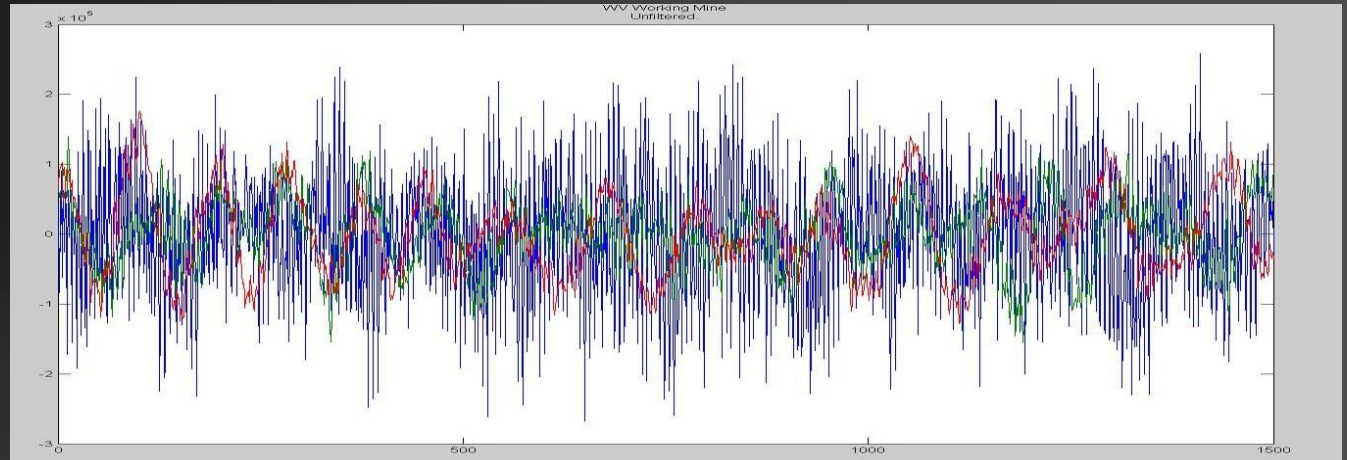
Scalable to cover large areas

Stable embedded IP  
Windows technology

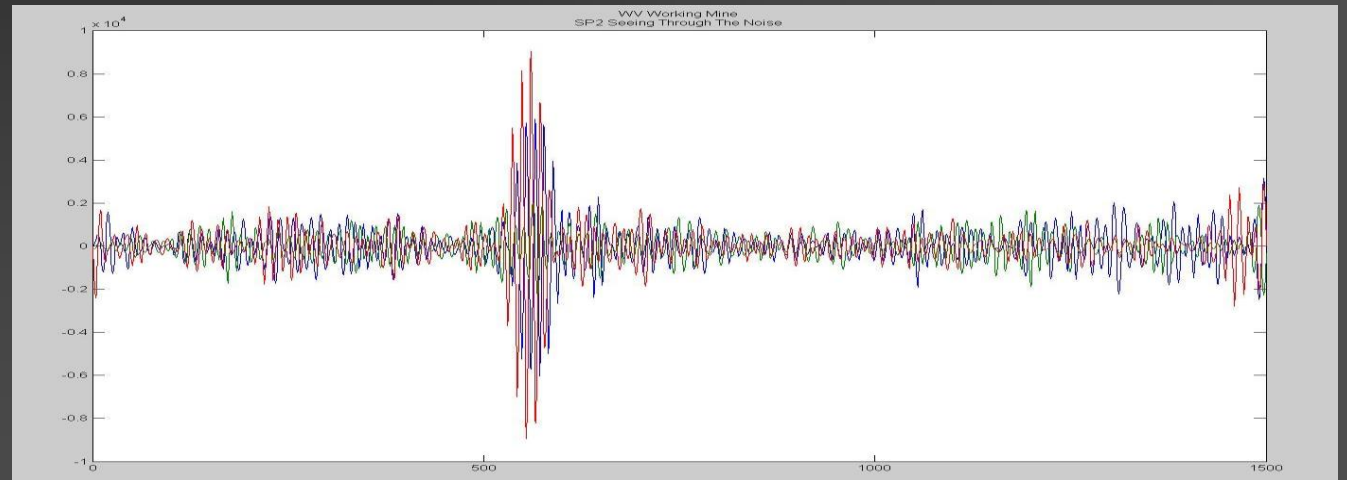


# Our Filtering Technology:

Before:



After:



SureWave Technology Ltd



Presentation of Proven Technology

Philip Shaw, Managing Director

E-mail: [philip@surewavetechnology.co.uk](mailto:philip@surewavetechnology.co.uk)

Telephone: +44 1270 757900

**Proven Technology:**

## **Yuma Proving Ground AZ – Tunnel Detection Test Report**

*“SureWave are by far the out and out leader in this  
technology”*

**Quote by head of RRTO, YPG USA December  
2011**





# YPG Tests December 2011

Multiple single sensors proven as per the SureWave animated video

Tri-axial sensors used to locate up to 500 meters

Demonstrated remote monitoring using the internet

Demonstrated the ability to ignore normal surface activity

System configured in final user format with automatic event identification



## Progress to 2016 so far:

Trials and tests concluded at a UK MOD site using Multiple single sensors – resulting in approval for all UK sites

Demonstrated tunnel detection to the Israeli IDF Gaza strip – proven performance ‘SureWave system is some five times better in sensitivity and deployment to our current best technology’ IDF January 2013



# Next Steps and Actions

To be discussed

