

## *SKB Prototype AE*

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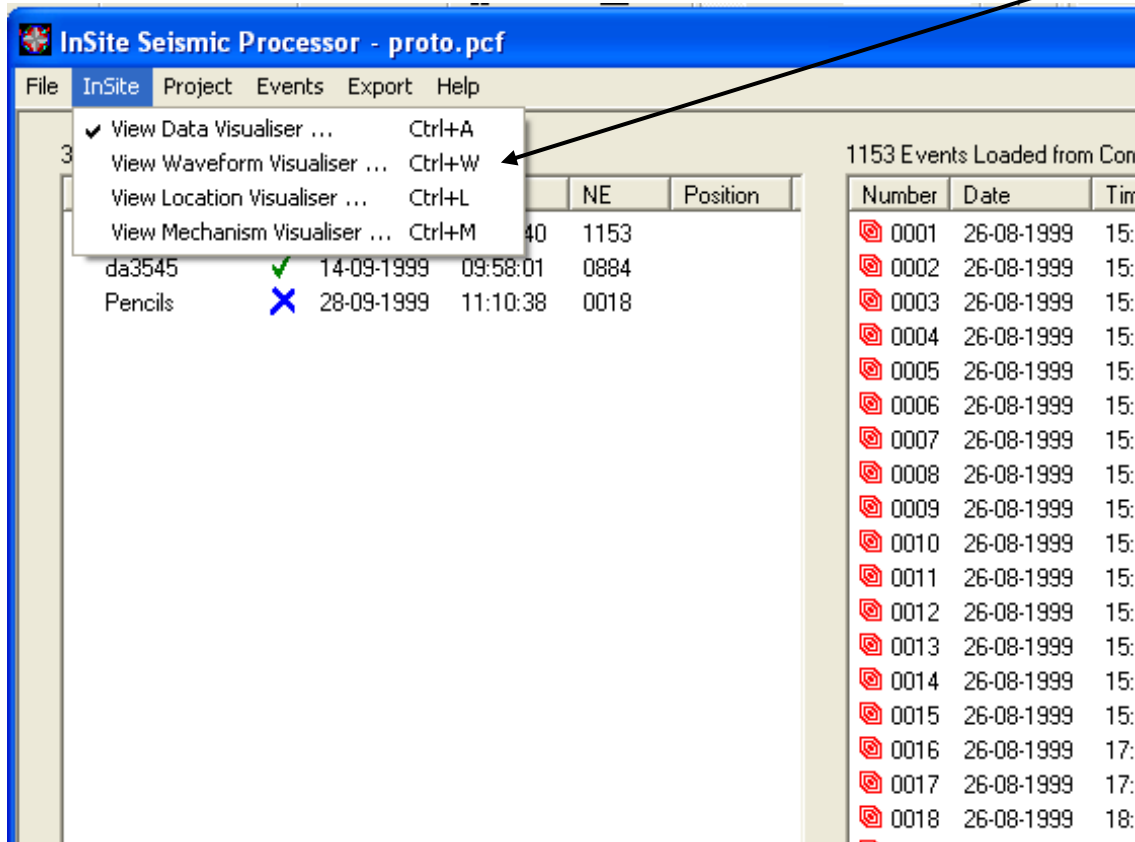
[software@appliedseismology.com](mailto:software@appliedseismology.com)



## *Demo Features*

- This demo uses AE location data without waveforms. It is designed to give you an overview of the Location Visualiser.
- The data is from SKB's Prototype test at the Äspö Hard Rock Laboratory
- The following slides give you some options to try.

# Data Visualiser I



The InSite menu allows you to switch between the available visualisers.

Try going to the Location Visualiser.

The other two visualisers will be empty as no data exists for them in this project.

# Location Visualiser I

## Scene Pane.

The 3D scene that has been set up for you is displayed.

## Scale Pane.

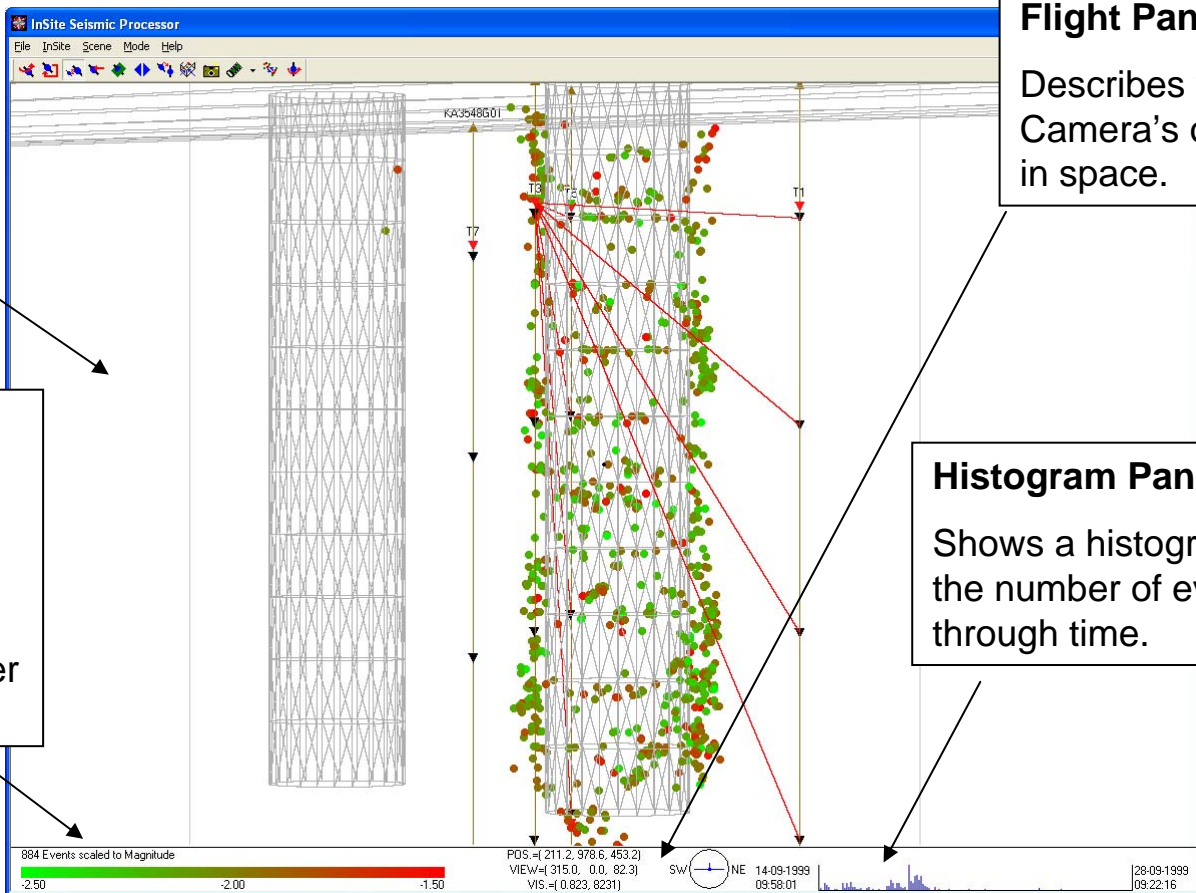
This shows the Location Magnitudes for these events (unrelated to Richter Magnitude).

## Flight Pane.

Describes your Camera's orientation in space.

## Histogram Pane.

Shows a histogram of the number of events through time.



# Location Visualiser II

**Sensors.**  
Black are receivers.  
Red are transmitters.

**Complex Objects.**  
Used to show tunnels and other excavations

**COA.**  
This black dot in the centre of the screen is your Centre-of-Attention. Your camera always points towards this.

**Boreholes.**  
Different types of boreholes are given different colours.

**Events.**  
Can be displayed using different symbols.

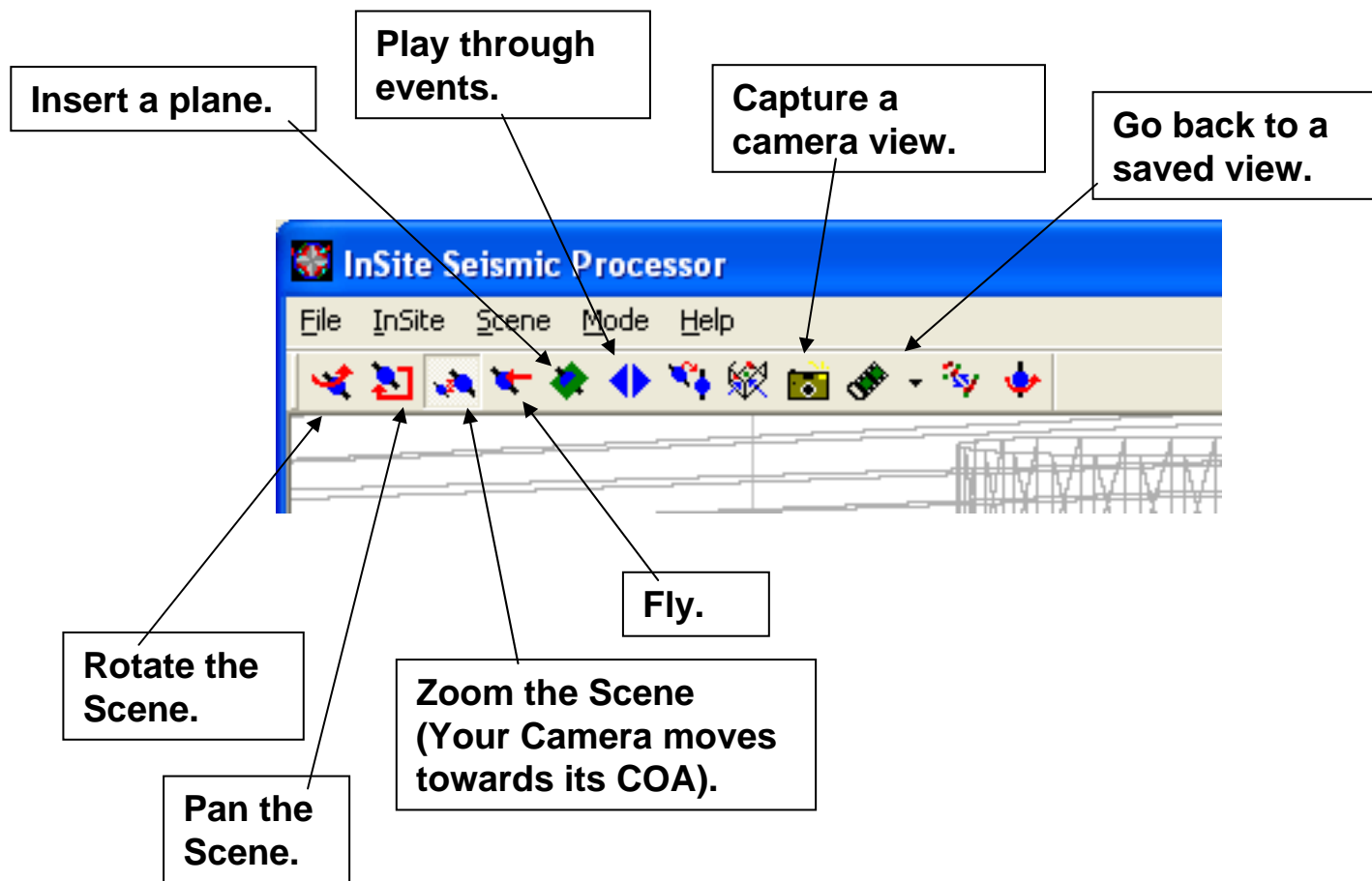
KA3548G01

POS.=(211.2, 978.6, 453.2)  
VIEW=(315.0, 0.0, 82.3)  
VIS.=(0.823, 8231)

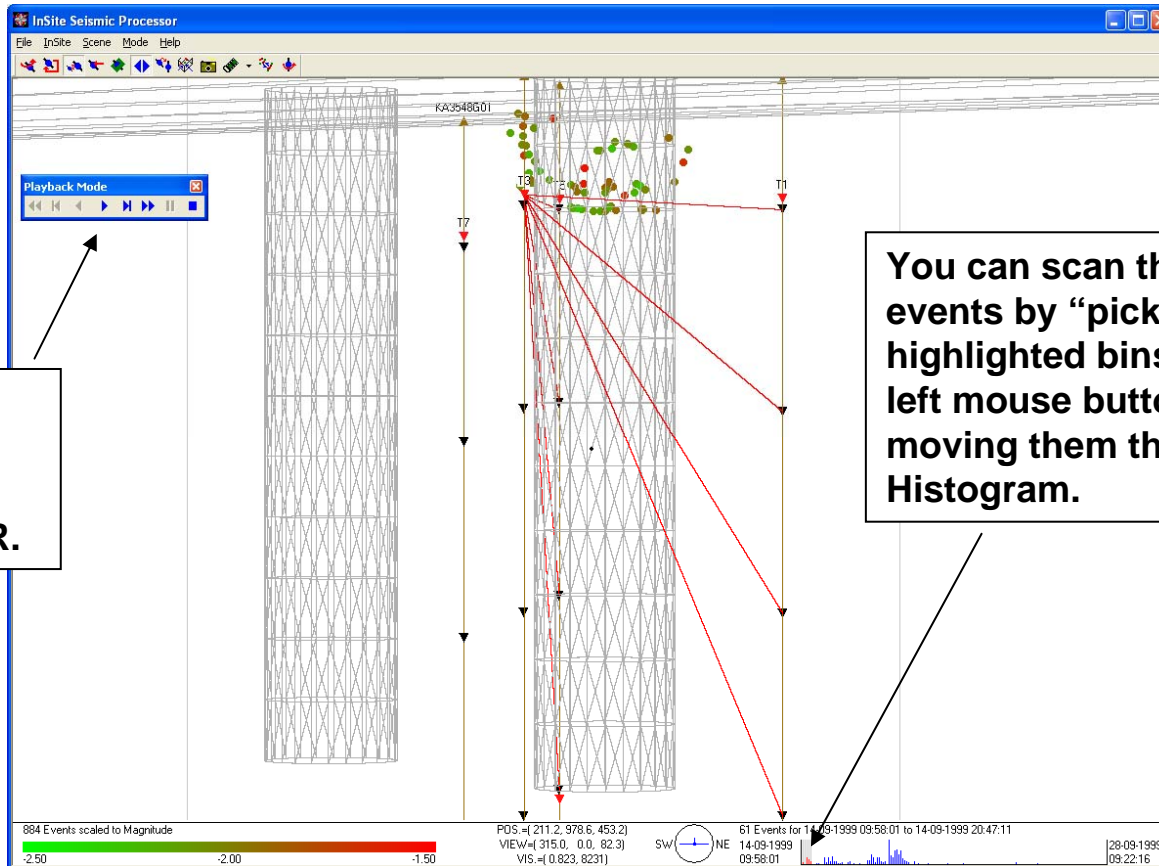
SW NE 14-09-1999 09:58:01

28-09-1999 09:22:16

## Location Visualiser III



## Location Visualiser IV



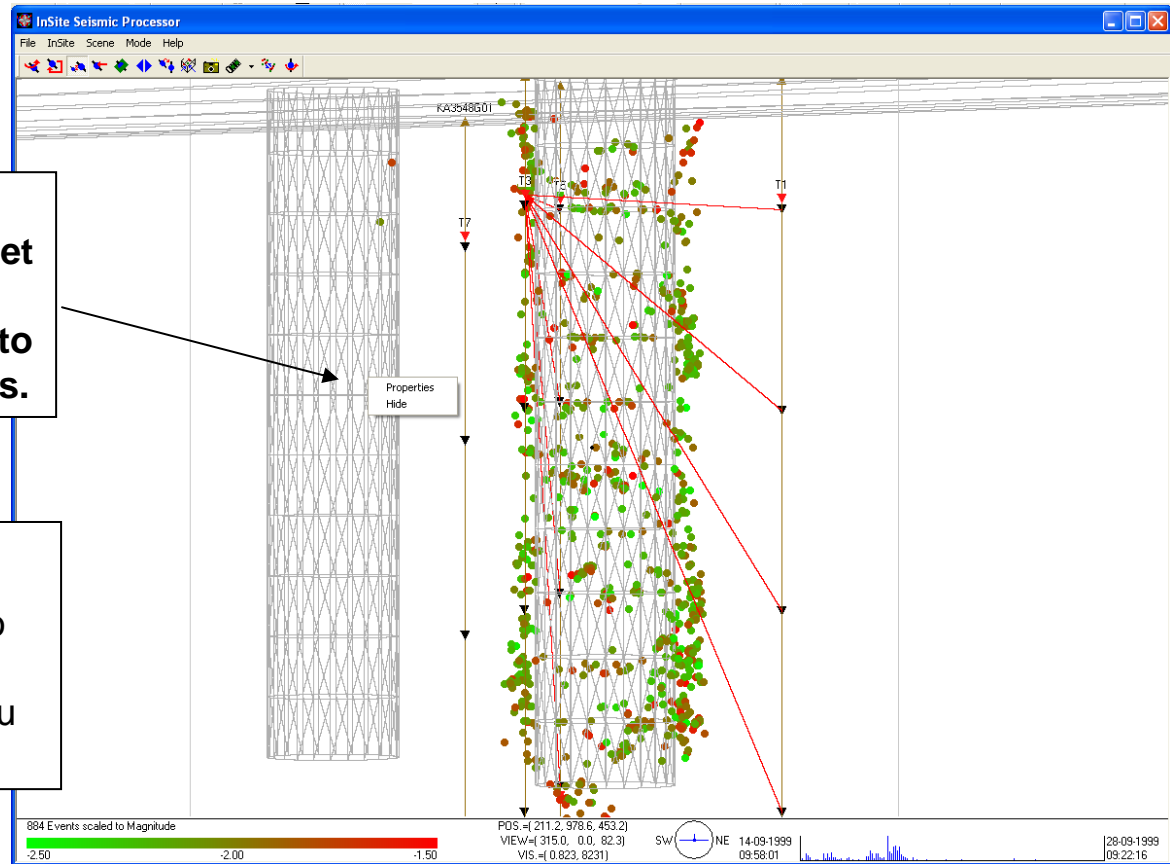
Playing events through time is very much like operating a VCR.

You can scan through the events by “picking up” the highlighted bins with the left mouse button and moving them through the Histogram.

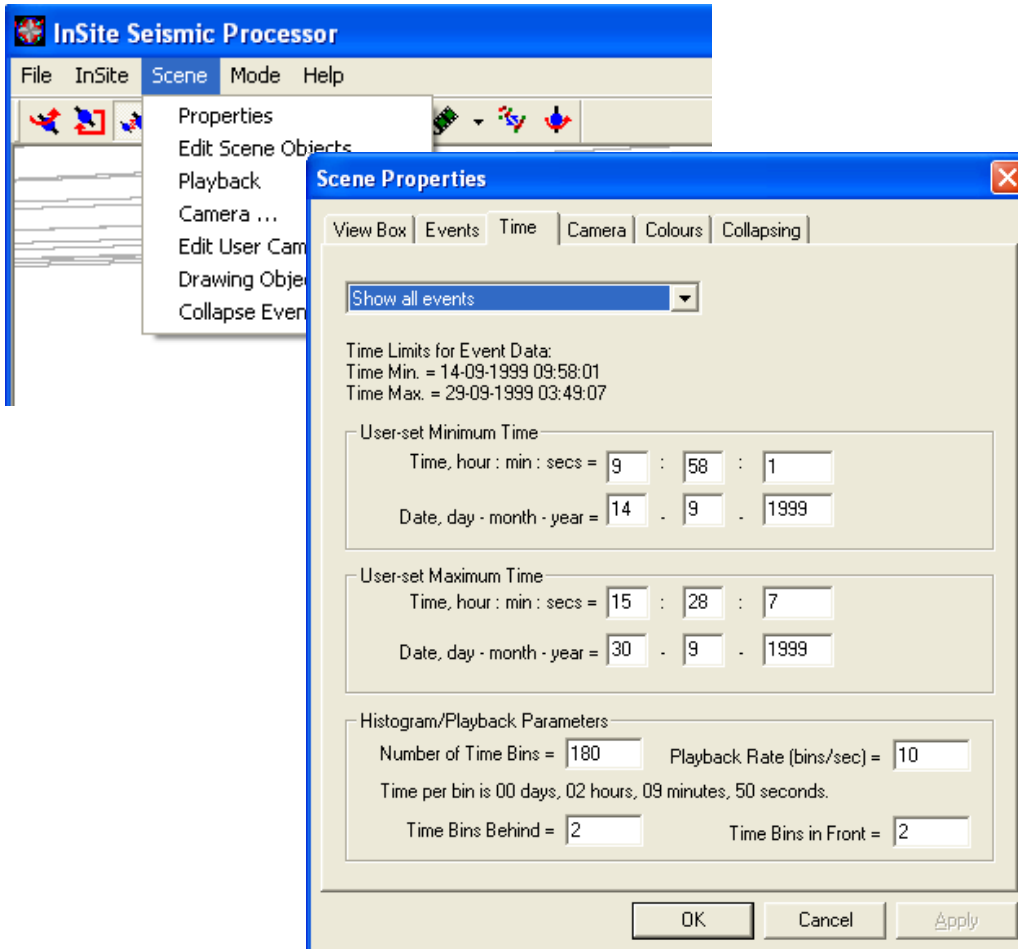
# Location Visualiser V

Try right-clicking on an object. You will get a menu of options and have the ability to change its properties.

**Some Useful Hints:**  
 If you hide something go to "Show Hidden" under the Scene-Camera menu to get it back.



# Location Visualiser VI



## Scene Properties:

This allows you to set some configuration parameters.

Play with some of these if you like.

For example, your histogram functions depend on the bins set up here.

## Some Useful Hints:

If you try displaying error ellipsoids for all of the events then the graphics may become slow. Hitting ESCAPE may then get you out of trouble!