

Analysing Data from the Enigma Mobile App on PrimeWeb Quick Reference Guide – IXD-754-QRG-044/4.1

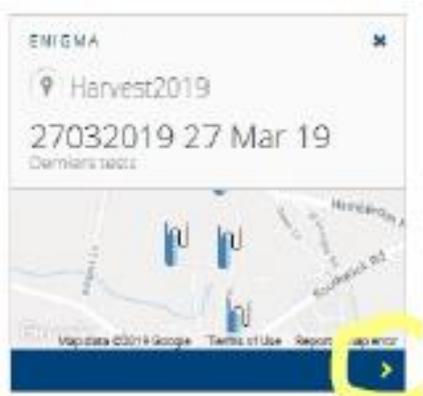
16 November 2020

Introduction

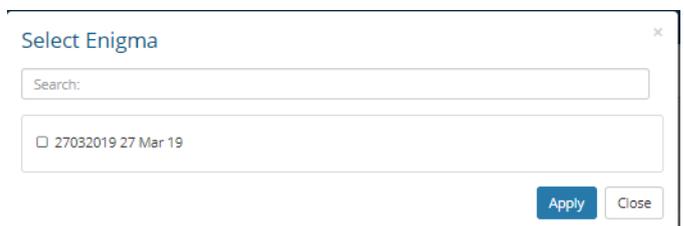
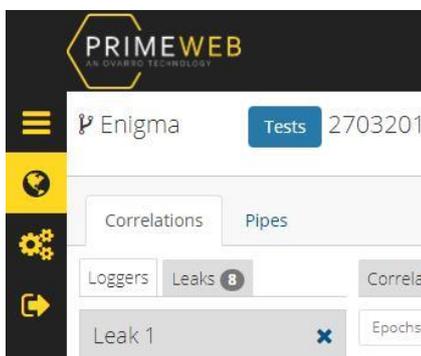
PrimeWeb is a cloud-based data collection platform for monitoring water network pressure, flow and leakage. This guide shows you how to display and analyse your leak test data on the PrimeWeb platform.

Log on to your Enigma app on your mobile device to upload test results to PrimeWeb. To find out how to connect the Enigma to a mobile device see the guide IXD-753-QRG-044-4.0.

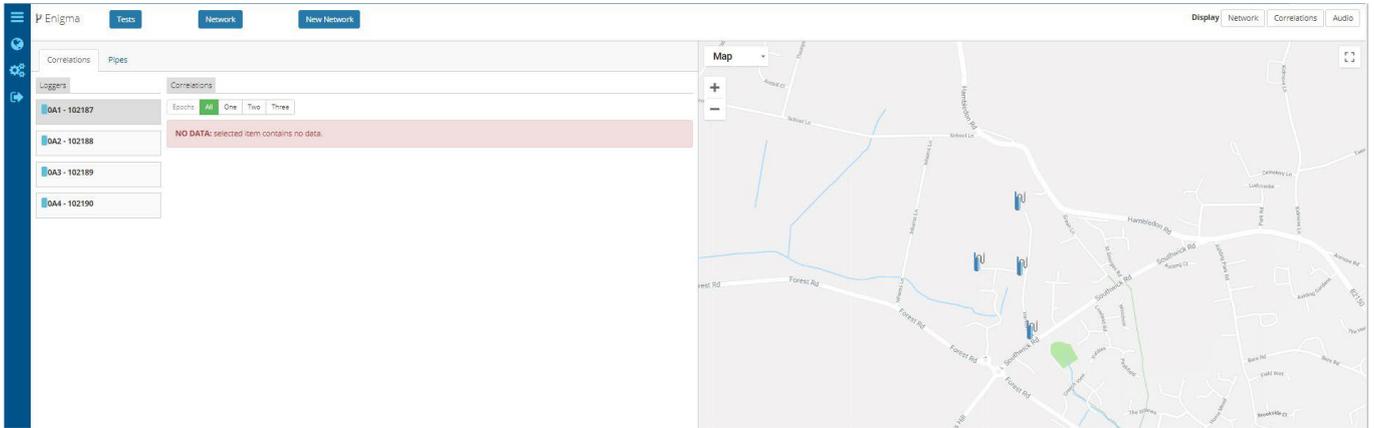
Log on to your PrimeWeb account to start analysing your results, click on the Enigma widget arrow as **indicated** below.



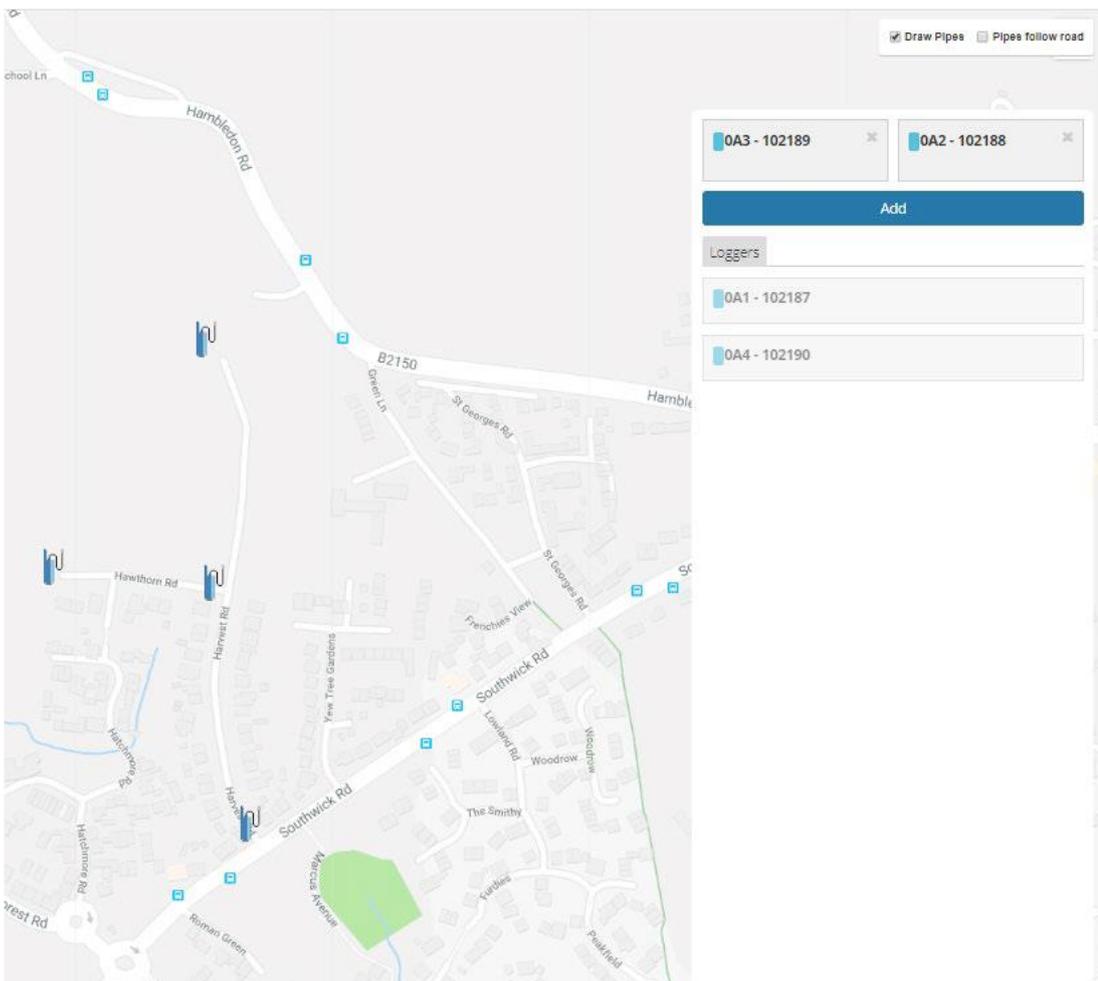
Click on **Tests**, select your Enigma test and click **Apply**.

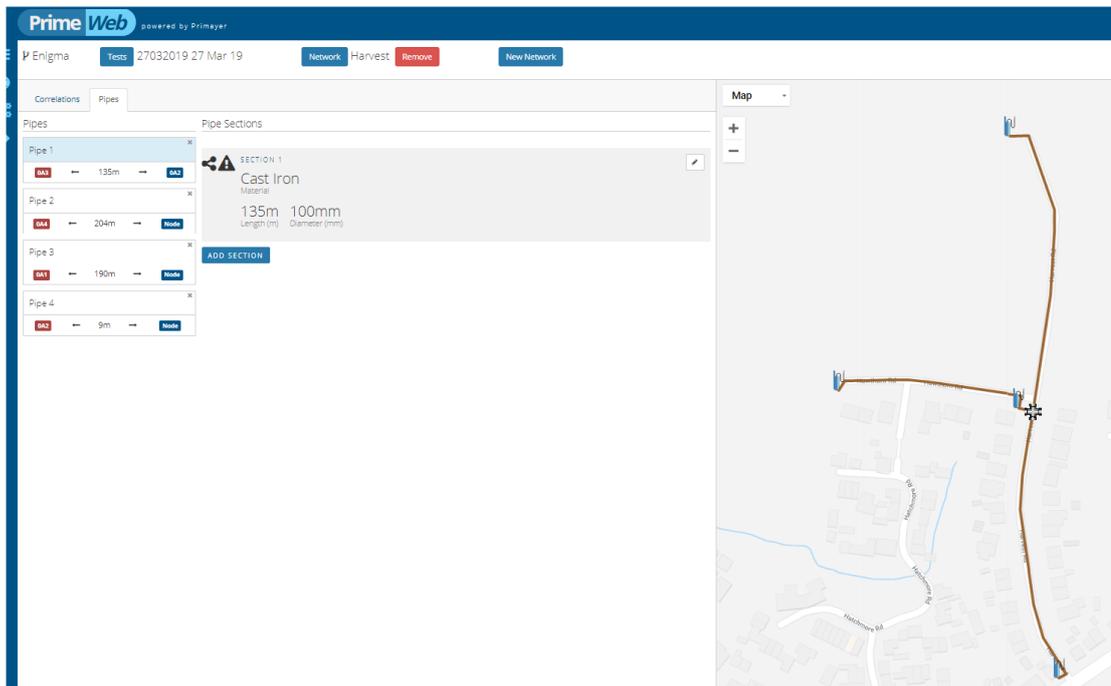


Click on **New Network** and assign a name. Select **Draw pipe** and choose the option **Pipes follow road**.



Select on the map the loggers to be connected, ie: OA3 and OA2, and click **Add**. Do the same for all other loggers to complete the network as shown below.



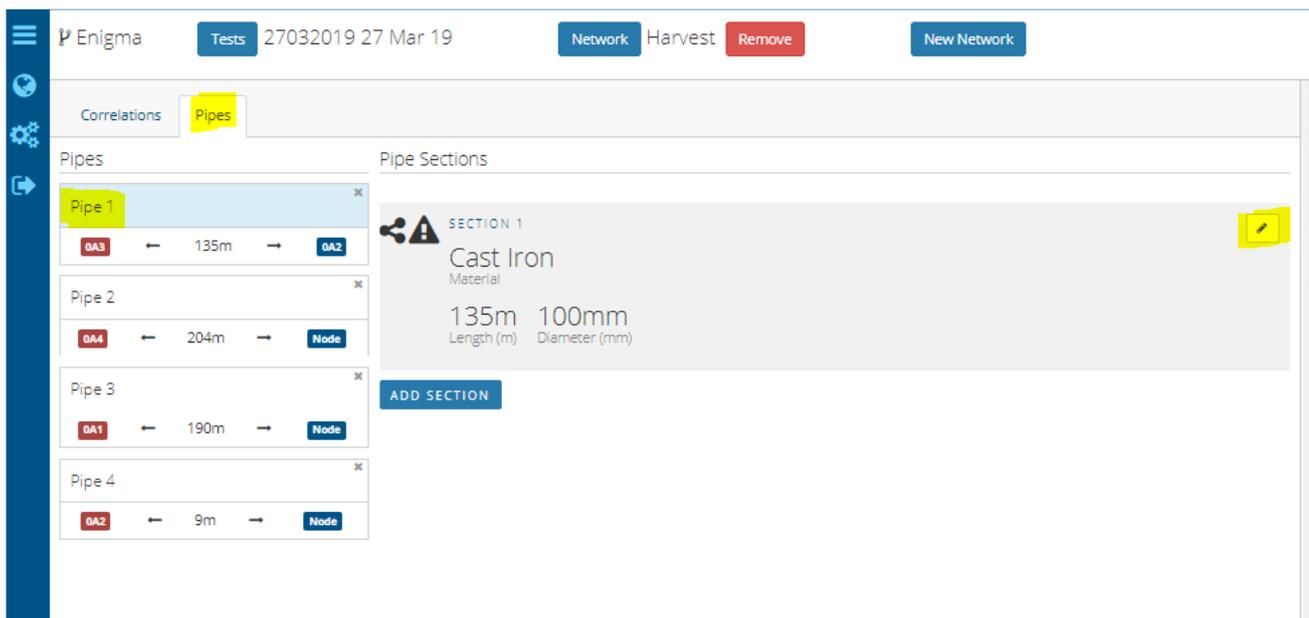


The pipe material and diameter start with the default value. To edit the pipe

either

1. Click on the Pipes section, as indicated in the above picture, eg: **Pipe 1** or **Pipe 2**, to highlight the corresponding pipe on the map or
2. Click on the pipe on the map to highlight the corresponding pipe in the **Pipes** list.

Click on **Edit**, as shown in the picture, to enter the right material and diameter.



then click **Update**.

Pipe Sections

SECTION 1

Material
Cast Iron

Length (m)
135

Diameter (mm)
100

UPDATE CANCEL

Once your network is ready, click on Correlations and then click on **Run**.

Leak Threshold: 60

Advanced Run

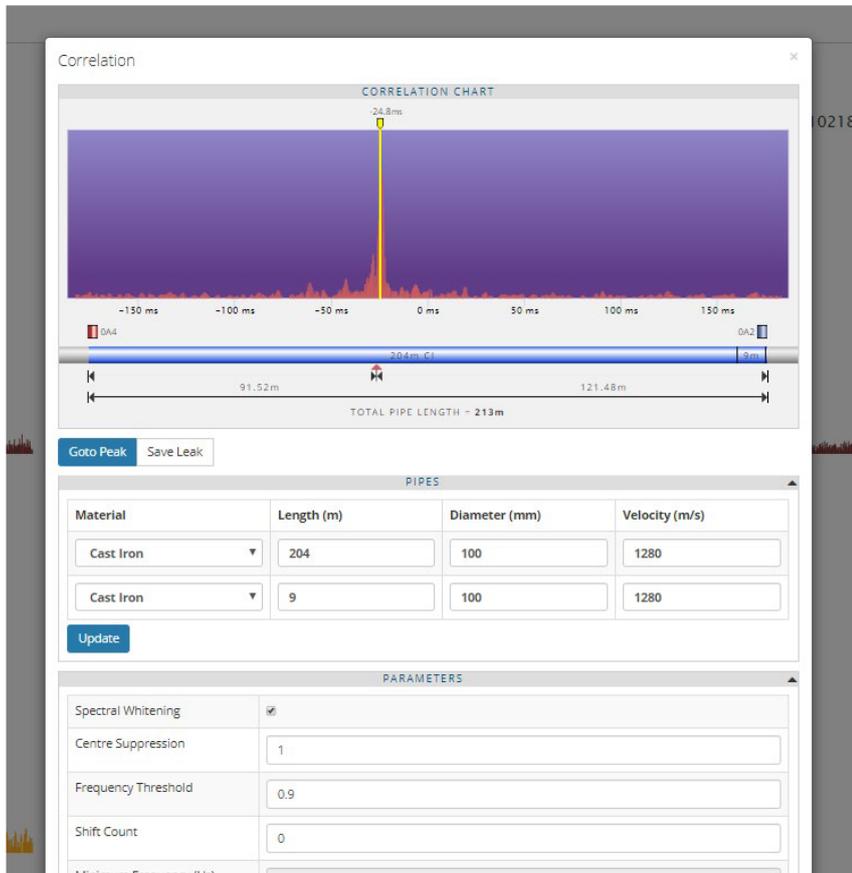
Running... This process can take upto 2 minutes to complete.

The results will appear as shown in the picture below, you can choose to select a single Epoch (1, 2 or 3) or all three epochs combined.

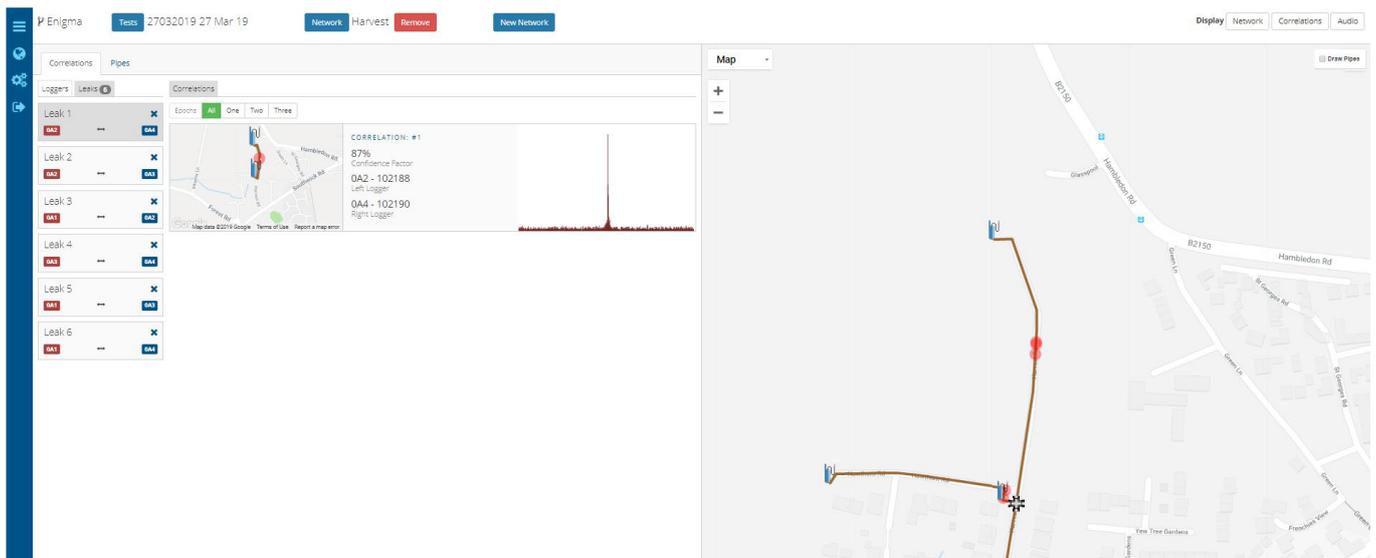
The correlation widgets are sorted by highest confidence percentage.



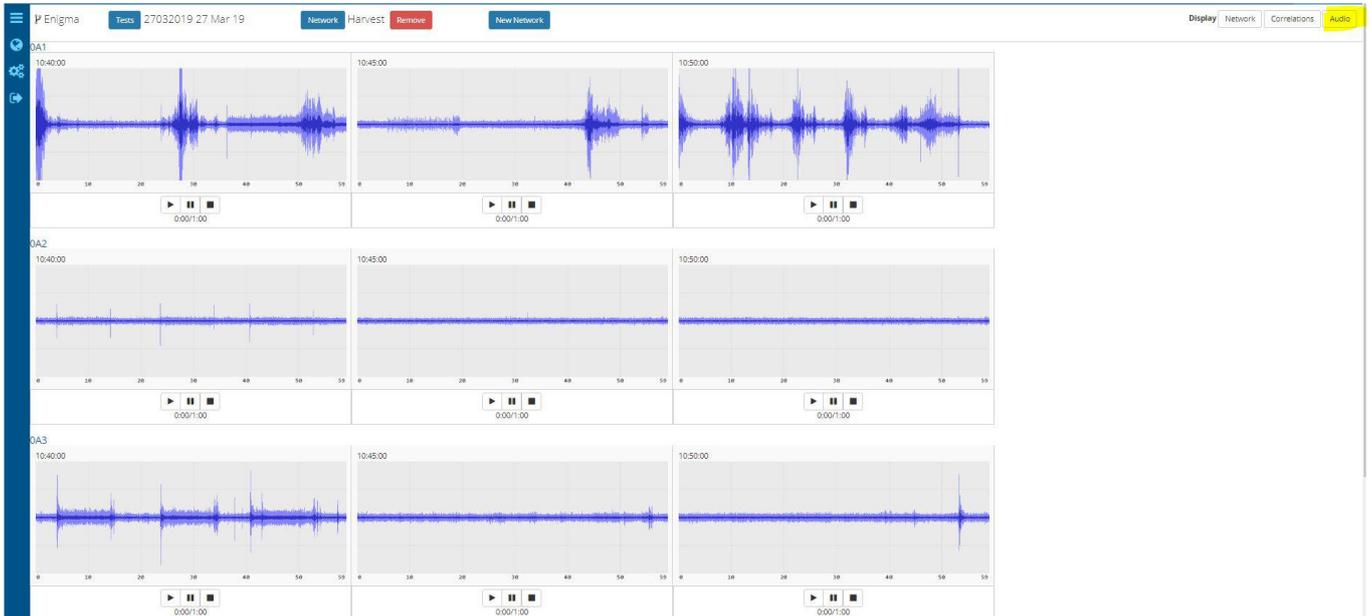
Click on the histogram to open the correlation chart.



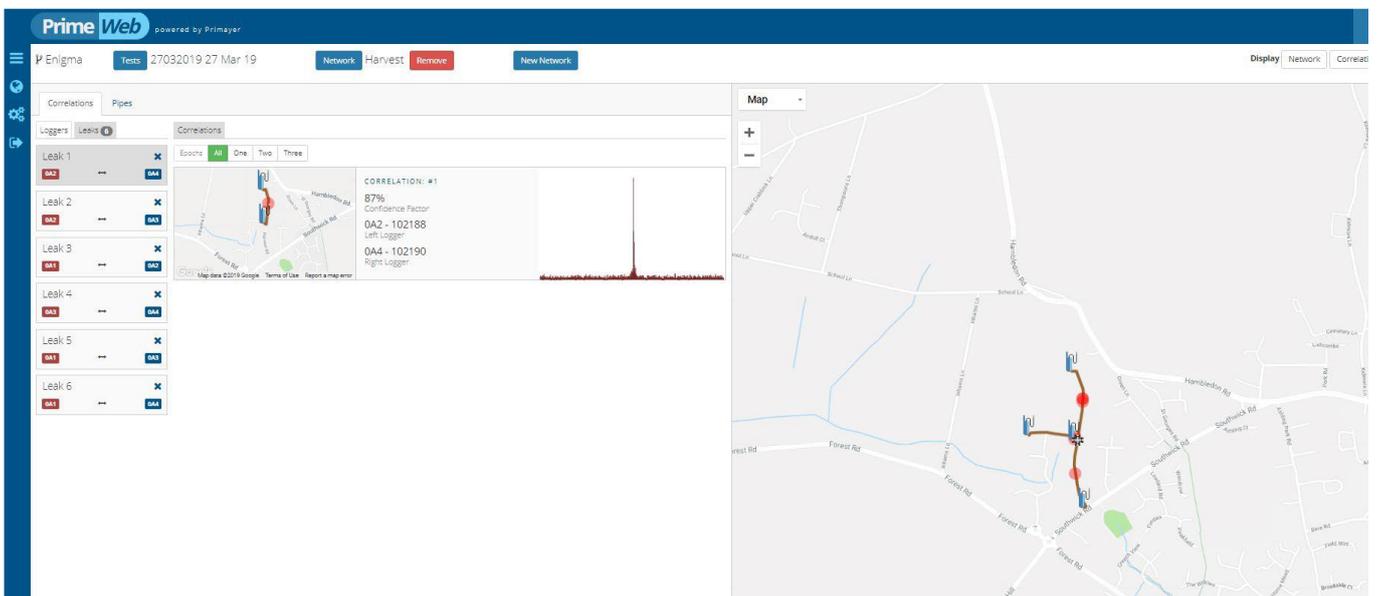
Click on Network button to go back to the Network page to display under correlations tab the Leaks as shown below.



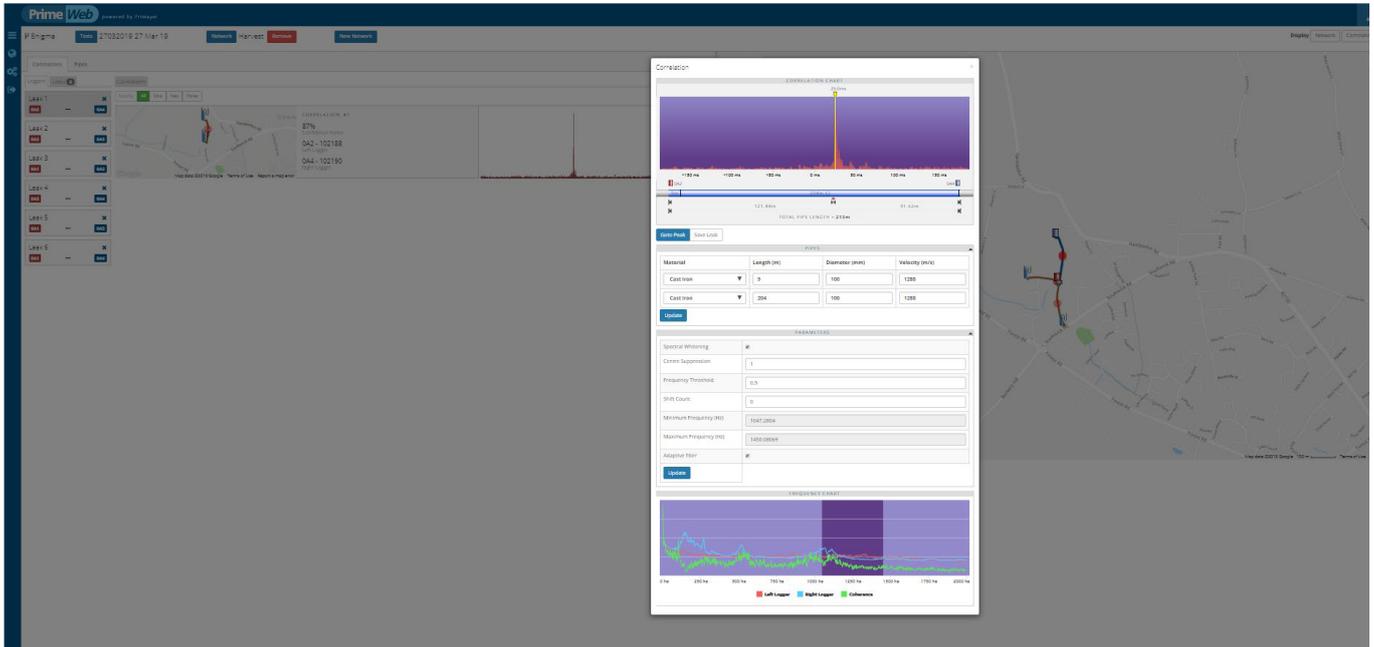
Click on **Audio** button to listen to the recorded sound noise.



Click on **Network** button to return to the main page as shown below. The page will give access to tabs for **Correlation Pipes** **Loggers** **Leaks**.



Click on the correlation histogram widget to open the correlation chart and analyse the data.



For more information contact support.LD@ovarro.com or visit our customer portal at www.ovarro.com.