



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.

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00	Correlations	Pipes	2
	Loggers Leaks (8	Correla
	Leak 1	×	Epochs

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Search:	
27032019 27 Mar 19	
	Apply

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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: 0A3 and 0A2, 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.

	₽ Enigma	Tests	27032019 2	7 Mar 19 Network Harvest Remove New Network
€ Ø	Correlations	Pipes		
	Pipes			Pipe Sections
	Pipe 1		×	
	0A3	135m	→ 0A2	Cast Iron
	Pipe 2		×	Material
	0A4 ←	204m	→ Node	135m 100mm Length (m) Diameter (mm)
	Pipe 3		×	ADD SECTION
	0A1 ←	190m	→ Node	
	Pipe 4		×	
	0A2 ←	9m	→ Node	

then click Update.

×		
3	A SECTION 1 Material	
×	Cast Iron	•
	Length (m)	
le	135	
ж	Diameter (mm)	
2	100	
×	UPDATE CANCEL	

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



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.

≡ ⊗	Leaks ⊠	Threshold Advanced 60 >				Display Network Correlations Audio
≎ \$ ⊕	Epochs 87%	Al One Two Three 0A4 - 102190 - 0A2 - 102188	85% 0A3 - 102189 - 0A2 - 102188	84% 0A1 - 102187 - 0A2 - 102188	83% 0A4 - 102190 - 0A3 - 102189	
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Click on the histogram to open the correlation chart.

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	-24.8ms	TION CHART	
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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 buttom to return to the main page as shown below. The page will give access to tabs for <mark>Correlation Pipes Loggers Leaks</mark>.



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.