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LINK ALERT

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Condition Monitoring of
underground Link Boxes

THE PROJECT

Link box failures are difficult to predict as there is no active monitoring on this type of plant. Risk is currently mitigated with a high frequency inspection policy.

This project is developing a link box monitoring device to deploy on high risk link boxes.

First prototypes were installed in Brighton.

SECOND PHASE OF THE PROJECT WILL BE DEPLOYED IN LONDON BY THE END OF 2019, IN 50 LINK BOXES.

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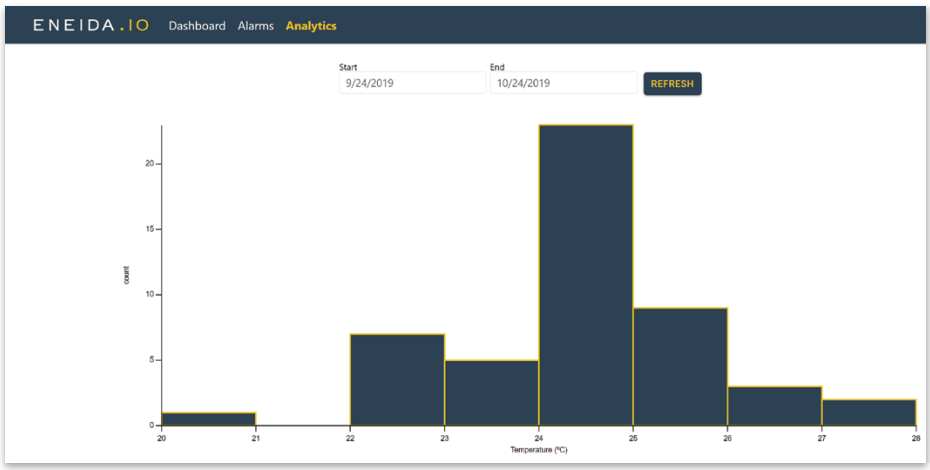
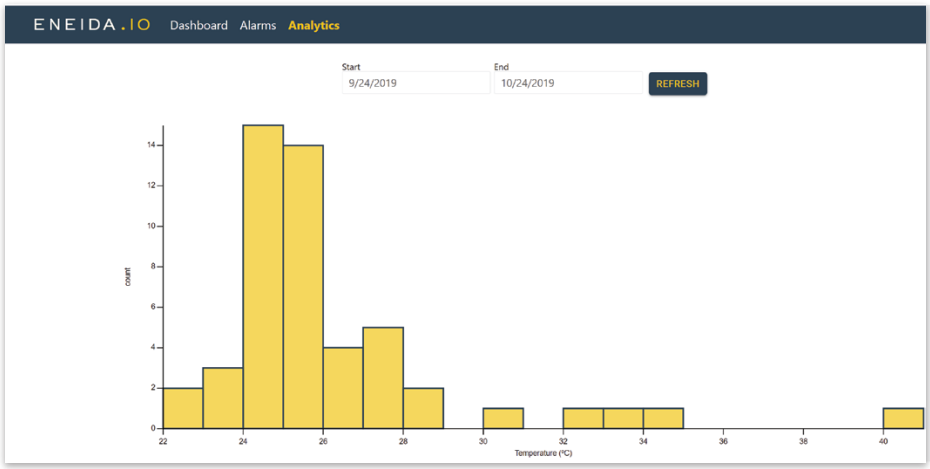
Histogram of link boxes: average and maximum temperature



Number of link boxes per temperature: average temperature



Histogram of link boxes: maximum temperature

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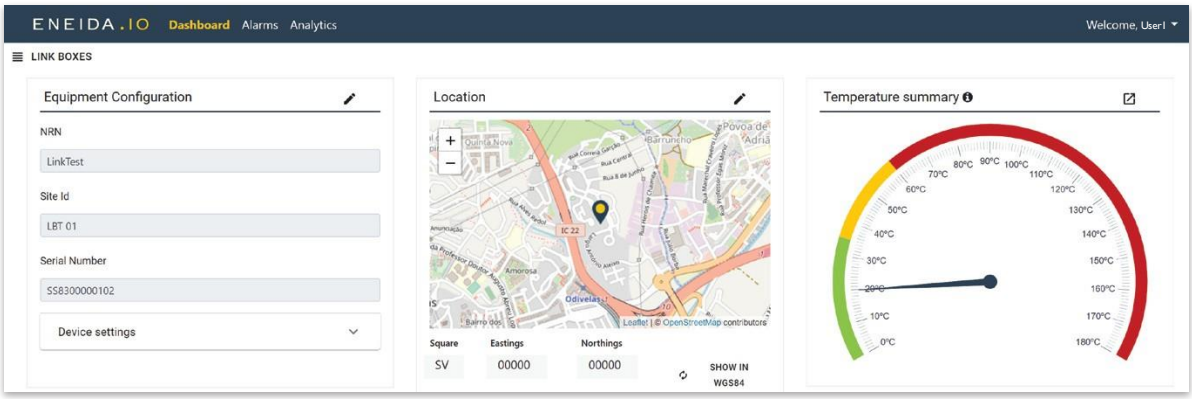
Link box state details



Temperatures of one link box

Alarm configured to 32°C

Alert configured to 27°C

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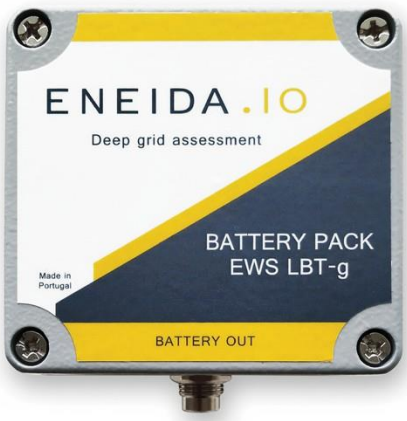
Smart Sensor



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EWS LBT-g
BATTERY PACK

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SMART SENSOR

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