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2022 TECHNICAL AWARDS ENTRY FORM

Entry Deadline: Friday 22nd April 2022

Please tick which categories you are entering (entries may be submitted in multiple categories)

- Landbased Pipeline Project Award
- Landbased Pipeline Technology Award
- Utility Pipeline Project Award
- Utility Pipeline Technology Award
- Subsea Pipeline Project Award
- Subsea Pipeline Technology Award

1. Brief title of entry: VALVETRAK
2. Company name: UIS (UTILITY INNOVATION SERVICES)
3. Signed: Jlynch
4. Date: 18/3/22
5. Company contact name: JOE IREDALE / JOE LYNCH
6. Telephone: 07801 442 895 / 07990798065
7. Email: Joe@UISLtd.co.uk Joe@lynchcs.co.uk
8. Precis of your entry (50 words): Following on from the tragic and deeply sad incident at Grenfell Tower, UIS set about developing tech that would support the gas industry in any future incident. On this journey, Valve Trak was created. A simple but effective way of having visibility of your assets 24, 7, 365.



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9. Summary of entry: The UIS ValveTrak is a locating device which has been developed to assist with the location of pipeline isolation valves (PIVs) on Multi-occupancy buildings (MOBs).

Over time PIVs become inaccessible and difficult to locate, they can be blocked by debris, buried or landscaped over. In the event of an emergency, engineers need to be able to access the valve quickly and isolate the supply.

The UIS ValveTrak allows the engineers to identify and pinpoint the accurate location of any asset.

ValveTrak allows you to monitor your assets 24/7/365.

Incorporated into ValveTrak can be the specific value card for that location in digital format.

ValveTrak is cloud based and is provided with full access of the UIS ValveTrak portal.

When the engineer needs access to the whereabouts of the valve they simply log into the app or Desktop view and search for valves accessible to them - This can be allocated by their Line Manager.

Firstly the engineer will see visual images of the valve location from the original install. Once in range the engineer's smartphone will connect directly to the ValveTrak device via bluetooth, the engineer can then activate the ValveTrak's alarm to assist with the location process.

10 year life, BLE technology, IP68 rated, cloud based, 80 dB @ 20cm.



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Ancillary Entry Information

(Entry restricted to normal type face and font size on this form plus no more than 3 pages of A4 drawings or photographs)

Attachments sent on email with this entry form.

Please also see ValveTrak video @ [youtube.com/watch?v=8gH7bnw674w](https://www.youtube.com/watch?v=8gH7bnw674w)
link also in email ☺