

## Welcome to the September 2021 issue of H2scan Sensor News.

### In this issue we present:

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- New Videos Coming to H2scan YouTube Page
- Cost Reduction Initiatives Drive Large Utilities to Demand Longer Warranties
- New GRIDSCAN™ 5000 Accessories Available
- H2scan Behind the Scenes Interviews: Alex Orellana
- Hydrogen Economy News Bytes

Thanks for taking a look. Please reach out with any [questions](#).

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### Did you know...?

H2scan's safety monitors are trusted to protect everything from nuclear reactors to rocket testing sites?

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### New Videos Coming to H2scan YouTube Page



The H2scan team is busy working on new audio and video content for the H2scan YouTube page. You can get a sense of just how interesting this content will be by listening to the Transformer Monitoring Podcast with Alan Ross that is currently posted to the page. Alan is a long-time industry executive that is the Editor in Chief and founder of Transformer Technology. Other content on the page includes product demonstrations and an overview of H2scan technology. Find the page [here](#).

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### Cost Reduction Initiatives Drive Large Utilities to Demand Longer Warranties

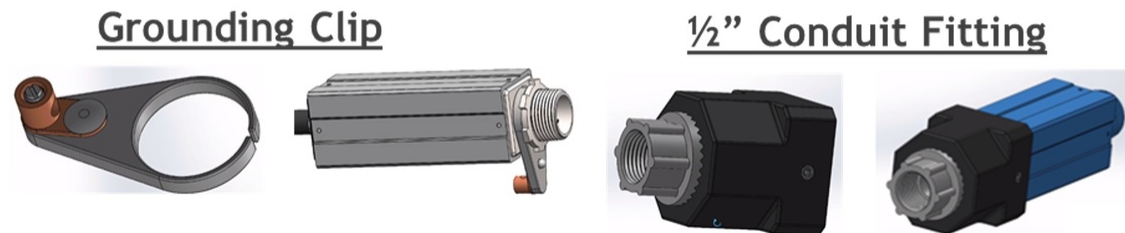
Today's operating environment for utilities is very cost sensitive, driving a need to manage both capital and operating expenses. One way utilities are using to better manage costs is by asking for long warranties from suppliers. This ensures quality products that last – reducing CapEx; and ensures failures and maintenance will be paid for by the seller – reducing OpEx.

This trend is a great fit for the H2scan GRIDSCAN™ 5000, H2scan's hydrogen monitor for the utility market, because it does not need calibration and is designed for a 10-15 year life. This quality and technology advantage of H2scan products is a clear fit with this trend and is another reason that utilities globally prefer sensors and monitors that have H2scan inside. For more information on the GRIDSCAN™ sensor family, click [here](#).

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### New GRIDSCAN™ 5000 Accessories Availability

New accessories are available for the GRIDSCAN™ 5000 hydrogen sensing product line for transformers. H2scan now offers ground clips for customers wishing to attach a ground wire directly to the Gen5 as well as a conduit fitting which allows customers to install conduit that will protect the cable attaching the Gen5 to customer equipment. For more information contact a sales [representative](#).



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### H2scan Behind the Scenes Interviews: This month we interview Alex Orellana, H2scan's Configuration Control Analyst.

#### What is a typical day like for you?

On a typical day, I will examine the current processes and procedures to figure out what needs to be improved or streamlined. In cases where there is currently not a procedure or process in place, I will gather the information and write the process/procedure. Additionally, document control and agency approvals are also something that is part of my day-to-day activities.

#### What excites you about the future of H2scan and / or the hydrogen economy?

To see the organization grow and become a world leader in this niche market.

Thank you Alex!

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### Hydrogen Economy News Bytes

#### Hydrogen cars arrive in paradise

A 2017 Toyota Mirai has become the first hydrogen car in Hawaii. The fuel cell car was destined for Hawaii's Puu Waawaa energy ranch, which tests and develops renewable energy systems. State officials hope that this will be the first of many hydrogen-powered vehicles to make their way to the state. Read more in this [article](#).

#### ITM Motive to build UK hydrogen station network for trucks and buses

The company is capitalizing on demand for hydrogen trucks and busses which are difficult to run off of batteries, but are critical to net zero carbon goals. While the stations will be built for large vehicles the company expects that smaller hydrogen cars can also use them. More details are in this [article](#).

#### Two projects show Caterpillar as Hydrogen Leader

The company will launch generator sets that can run on 100% hydrogen and gas turbines that run on up to 25% hydrogen. The 100% hydrogen generator will operate at up to 1250kW. More details are in this news [story](#). Meanwhile, the company is also partnering with Chevron via its Progress Rail subsidiary to develop a hydrogen locomotive. The project's goal is to show the feasibility and performance of hydrogen as an alternative fuel for line-haul rail and marine applications. Read this article for [details](#).



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