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## **Digital twin specialist supports STEM centre revamp**

James Fisher Asset Information Services (AIS) captures the transformation of the state-of-the-art Aberdeen Science Centre (ASC) to enhance visitor experience.

The newly transformed Aberdeen science, technology, engineering and mathematics (STEM) hub has re-opened its doors to the public. As part of a two-year revamp project, the ASC approached AIS to explore how its innovative asset visualisation and augmented reality (AR) capabilities could be used to enrich visitor experience within the centre.

Using its digital twin platform, R2S, AIS successfully captured the educational charity's facility before, during and on-completion of the revamp. With this data, AIS will provide an intuitive and visual digital walk-through of the new facility, showcasing its educational offering whilst enhancing visitor experience.

### **Debbie Mathers, ASC STEM Ambassador Programme Manager says:**

*"It has been great to see the transformation of Aberdeen Science Centre from such a unique perspective. We have already started to forget what the building looked like two years ago and this is a reminder of how far we have come!"*

*We are excited to learn more about how the final product can support our mission and enable us to find new ways of working. And we are looking forward to future collaborations too."*

The revamp has seen the introduction of 60 interactive exhibits throughout its six inspiring zones from the OPITO Theatre of Energy to the Equinor-sponsored programmable robot.

Benefitting from AIS' 360° photographic captures and in-programme exhibit information tagging capabilities, the ASC will use the data as a means for promoting and inspiring visitors of all ages to engage with science.

### **Craig Ferguson, AIS Senior Digital Surveyor adds:**

*"It has been fantastic to be involved with the project from start to finish. The science centre has always been an important STEM hub for the city and with the revamp, has even more to offer to inspire individuals of all ages."*

*We're proud that our technology, R2S, plays a part in the centre's unique and interactive offering which allows visitors to virtually view the facility from anywhere in the world. I look forward to continuing the work that we do with the centre, with our next steps looking at how we can use augmented reality to provide even more interaction with the exhibits."*

Working with students from University of Aberdeen and Robert Gordon University, AIS actively continues to support STEM students in reaching their future ambitions within the data technology industries.

## Ends

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