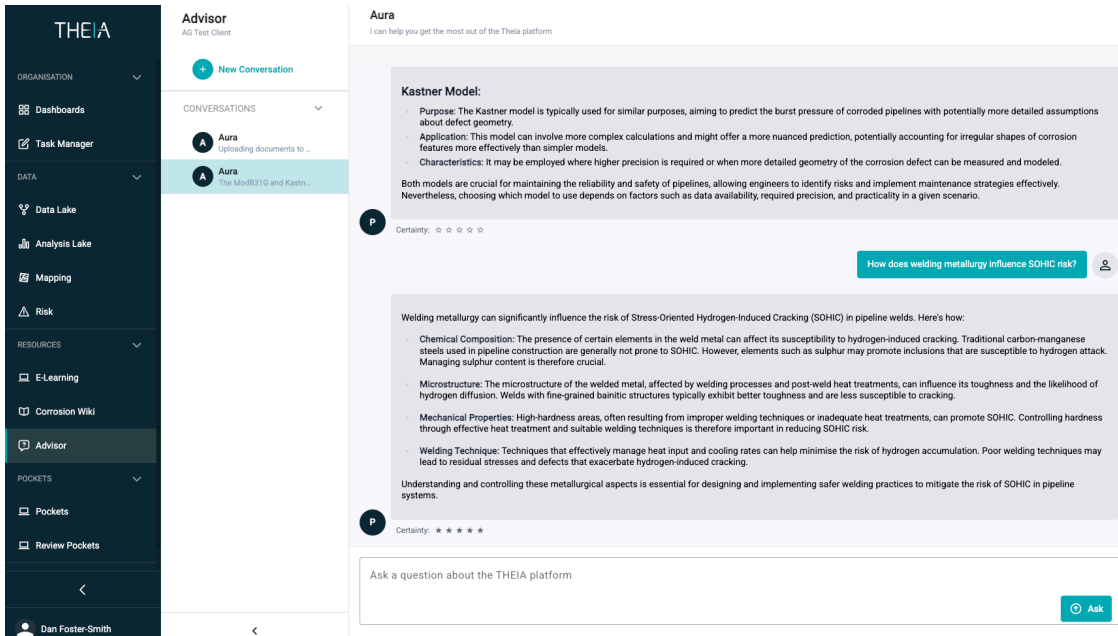


Meet Aura: Your On-Demand Technical Expert

Unlock decades of industry expertise - instantly



-1. Aura enables users to safely augment engineering workflows, improve consistency in integrity assessments, and support the training of early-career engineers.

The biggest challenge our industry faces is uncertainty. Ageing infrastructure means greater risks, which are in turn set against a background of cost restrictions and increased regulatory demands. Repurposing existing infrastructure for future fuels brings a new set of challenges.

A loss of skills through an ageing workforce and a shortage of new talent adds to the strain on existing senior technical resources. Reliance on a few senior human experts for complex technical questions creates costly delays, often stretching critical decisions from hours to days.

Developed by the team behind THEIA, Penspen's digital integrity management platform, our new Aura module* leverages artificial intelligence for a future-forward approach, addressing constraints, minimising risk, reducing uncertainty, and supporting knowledge transfer - instantly.

Drawing from a vast, curated bank of domain-specific knowledge including proprietary company data and accepted best practice, Aura harnesses decades of specialist technical knowledge to act as a multilingual virtual consultant, available on-demand.

Access authoritative, referenced knowledge of the industry's foremost technical teams and industry standards 24/7 to support decision making:

- Validate a complex fitness-for-service criterion
- Assess a corrosion threat and mitigation strategy
- Compare inspection techniques for a known defect

Aura enables users to safely augment engineering workflows, improve consistency in integrity assessments, and support the training of early-career engineers.

Aura has been trained with contextual reinforcement using curated datasets, failure case studies, inspection technologies (ILI, CIPS, DCVG), and asset lifecycle data.

Validated by independent subject matter experts, Aura is aligned with the technical depth and strategic expertise of Penspen's core business, supporting engineers' confidence

Integrity management doesn't wait, and neither should your team.

** Available as an add-on to a standard THEIA subscription.*

Contact us:

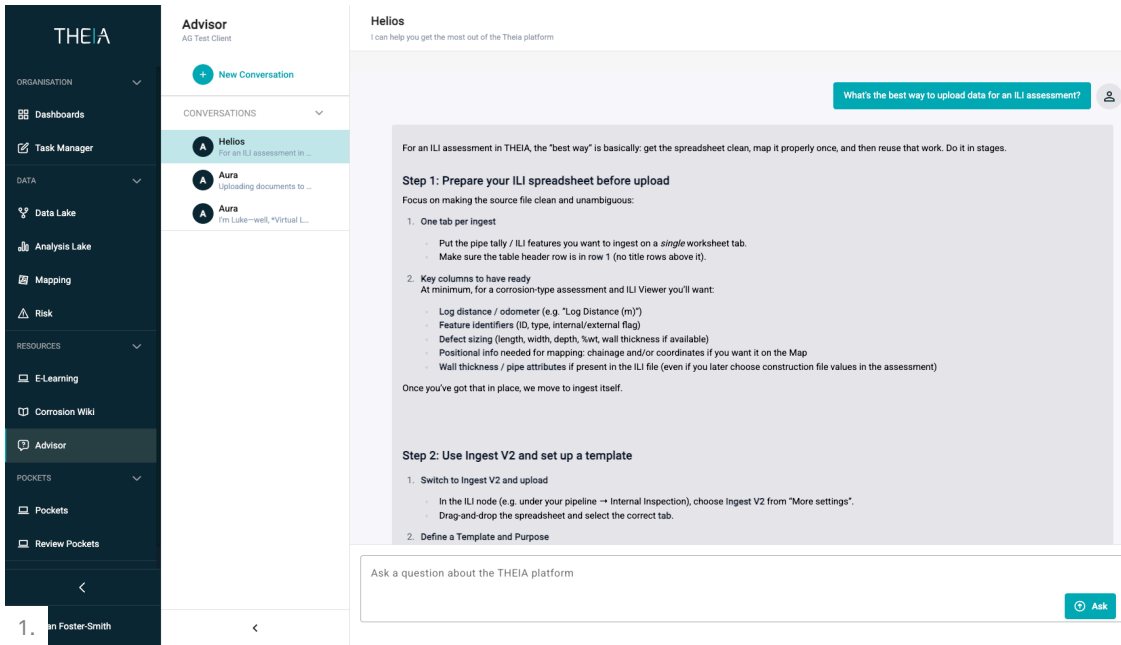
contact@penspen.com

www.penspen.com/THEIA



Meet Helios: Your Trusted THEIA Advisor

Your integrated platform guide



-1. Helios is included as standard in a core THEIA subscription, providing instant platform support from day one.

-2. THEIA's advanced analytics and visualisation capabilities include custom Python coding and comprehensive data mapping, enabling engineers to run complex assessments in minutes rather than days.

About THEIA

THEIA, Penspen's digital integrity management platform provides energy operators with critical infrastructure integrity insights, supporting optimised operations and informed maintenance management.

THEIA is a data-agnostic platform, supporting centralisation of years of varied integrity reports. Harnessing myriad data, THEIA's true power lies in its advanced analytical capabilities.

Using industry standard calculations, engineers can run complex defect assessments in minutes rather than days. Standard assessments such as Corrosion Growth Rate, Remnant Life, Mill Defects, and Dents are complemented with custom 'THEIA Pockets™' - Python code tailored to each customer's priorities. Feature matching allows for segmenting and variable design features across an entire infrastructure network.

Now that your data is out of disparate, dated spreadsheets, THEIA's comprehensive data mapping

capability offers an interactive overview of your infrastructure's data, with cathodic protection, in-line inspection, construction and operations, external inspection information instantly visualised.

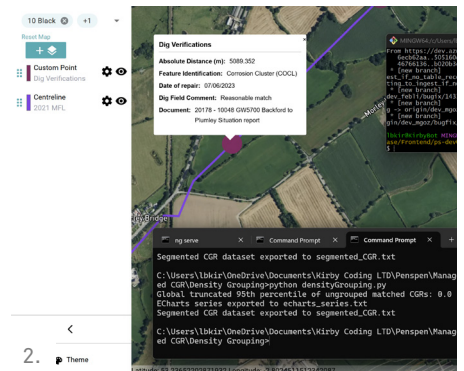
THEIA's secure cloud environment allows you to draw on our expertise at Penspen in an almost exponential manner but with you in control over the execution and monitoring of your asset.

Helios - Your Integrated Platform Guide

Helios is THEIA's artificial intelligence guide, providing immediate, accurate answers on workflows, user manuals, and fundamental engineering principles within the existing THEIA platform.

Helios acts as your personal platform guide, supporting:

- Accelerated user proficiency
- Reduced platform adoption
- Improved team efficiency from day one.



Helios is included as standard in a core THEIA subscription, providing instant platform support from day one.

Contact us:

contact@penspen.com
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