



# Case Study

Actemium Automation helps global rail company to streamline strict compliance reporting using cloud-based operations platform



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## Introduction

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Actemium Automation (formerly known as Cougar Automation) is one of the UK's largest Systems Integrators. As part of the powerful, worldwide Actemium network dedicated to improving industrial and manufacturing processes, they are connected to 400 Business Units employing 22,000 multi-disciplinary experts in 41 countries around the world. Actemium Automation delivers a range of safe and sustainable solutions across the entire industrial life cycle.

Harnessing their accomplished networking system experience, Actemium Automation provides turnkey solutions for all types of industrial process. To fulfil their mission of delivering a competitive advantage for their customers, they deploy world-class industrial software, including software from the AVEVA portfolio obtained via their long-standing relationship with SolutionsPT, the sole distributor of AVEVA software in the UK and Ireland.

Actemium Automation is the only Systems Integrator to achieve and retain the status of Premier Partner continuously since the programme's inception. The exclusive Premier Partner network brings together Systems Integrators to share expertise, experiences, and technological capabilities to offer the best service and products for end users across all industries. Each Premier Partner has proven skill in deploying the best-in-class industrial software from AVEVA, continuously improves certification levels, and is dedicated to adding value to their customers. This programme has created an expert network with a wealth of industry knowledge and proven success in guiding end users through an evolving digital transformation journey.





## Introduction

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### **Rich Hallett, Regional Leader, Actemium Automation**

“Maintaining our Premier Partnership status with AVEVA and SolutionsPT has been a long-standing priority for Actemium Automation. We ‘ve worked together for many years, spanning multiple projects in a wide spectrum of sectors, and the support SolutionsPT provides helps us to deliver the best solutions for our customers. Being a Premier Partner allows us to develop new opportunities to work with SolutionsPT at a strategic level and continue to improve our offering within a network of partner companies. Most recently, we created a bespoke solution for a global rail company that needed to streamline compliance reporting across multiple sites, and it offers a great case study of the benefits of working closely with SolutionsPT as a Premier Partner.”



## Challenge

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The customer in question is a global rail solutions provider that needed a digital solution to an inefficient and labour-intensive reporting issue that was reducing the amount of time key service personnel could spend maintaining the wider system. Live process and fuel consumption data were being manually retrieved daily from three geographically separated sites to meet compliance requirements and avoid potential fines from the network operator. To collect this data, the company was sending multiple experienced maintenance staff to each site to take readings; a task that took a lot of time and prevented them focusing on other more proactive improvement and maintenance tasks.

Each location had varying legacy architectures that were collating the relevant data, but each was effectively siloed and unable to communicate with a central system.

**“ According to Rich,**  
The solution required wasn't about eliminating the requirement to report, it was about completing the task remotely and creating a single version of truth for the customer that and could be accessed at any time, from anywhere. ”

The right solution needed to bring together remotely recorded data from multiple providers into a single software platform that offered the functionality and secure connectivity required to operate as one from a single, central, cloud-based interface. “We needed to create a solution that would give the end user the insight they needed to make more-informed decisions quickly, improve asset reliability, reduce the time spent travelling, and seamlessly integrate with all existing systems.” Adds Rich.



## Problem

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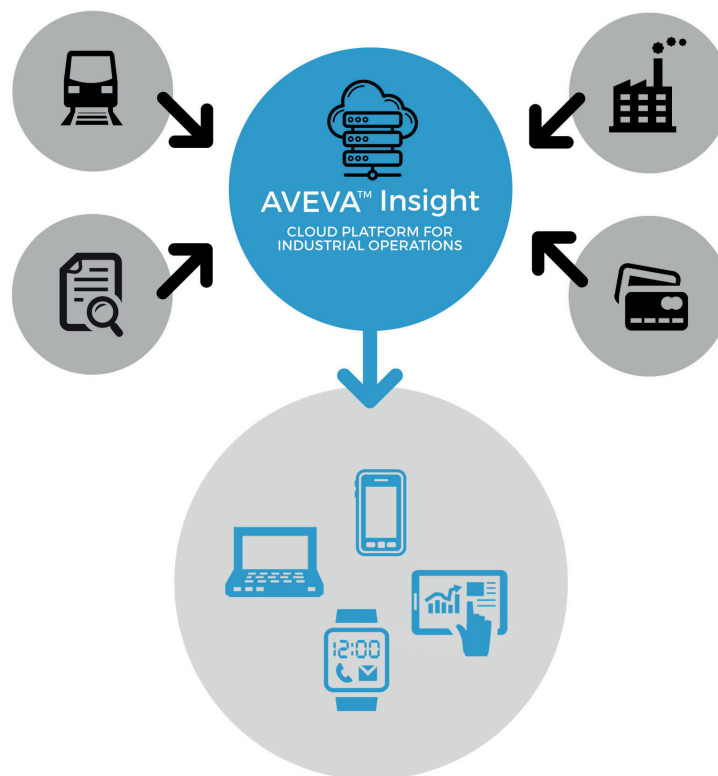
Actemium Automation immediately brought in SolutionsPT for their expertise with AVEVA software. In a continuation working together to help customers implement the best software solutions for their businesses.

Tim Harrison, Customer Success Manager, SolutionsPT, notes, “Working with Actemium Automation is always a pleasure as they have a similar ethos to our own; to help drive continuous improvement and success for our customers and partners through the identification and deployment of world-class digital solutions. Everything we do is to provide the best result for our customers, and central to this is empowering the human workforce by removing time consuming, repetitive tasks that reduce their capacity to add value in their principle roles. When all is said and done, digital transformation is only made possible by empowering people with the tools and insights to make better decisions. As Actemium Automation took us through the challenges of their customer, it quickly became clear that there was one product in our portfolio that delivered actionable insights from anywhere, at any time and on any device, and that was AVEVA Insight.”

Created to be the quickest and simplest way to increase operational agility, resilience, and sustainability, AVEVA Insight assists remote working and gives operators fast access to actionable information. The cloud-based software platform helps contextualise data from multiple sources and present it to users on simple-to-use web-based dashboards. Importantly, AVEVA Insight is vendor agnostic, which allowed Actemium Automation to take data from existing legacy fuel pump stations and integrate it seamlessly into a single digital thread that is accessible to engineers and managers via a secure internet connection, and is accessible anywhere across the enterprise.



## Solution



“ The increased collaboration that is made possible means that the engineers on the road, the operators back at HQ, and we, the architects of the solution are all working from a single data set. Each individual can customise alerts and dashboards based on their job function, and should an issue arise, both Actemium Automation and SolutionsPT are on hand in a support capacity to help solve any problem. ”

Rich Hallett, Regional Leader, Actemium Automation



## Results

The rail industry faces many of the same challenges of other industrial sectors in the era of Digital Transformation (DX). New technologies must be put in place to take advantage of huge efficiency benefits and remain competitive.

With a single digital thread running through all operations, AVEVA Insight offers a platform for further operational improvements and opens the door to extensive DX capabilities in the future. The customer now has a powerful system that goes far beyond the remote data collection and storage functionality that met the original brief. With immediate access to asset information, KPIs, and sophisticated analysis capabilities for users at all levels and varying experience, improvements in operational performance and efficiency are now possible.

Operators can deploy advanced maintenance strategies informed by a deep understanding of the critical rail assets on the system based on previous performance and can be alerted to issues before they become downtime events.





## Results

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Further, as Insight is a core capability of AVEVA Connect (a common cloud platform) additional digital services from the extensive AVEVA catalogue can be brought to bear as the customer continues their DX journey to bridge the gap between engineering, operations and maintenance for more operational resilience and agility.

Since Actemium Automation implemented the solution, technicians no longer visit the three sites simply to collect data. Site visits are now only made when specific servicing or problem solving is required, as informed by the software. With the Insight add-on, AVEVA Dream Report, staff are also saving the precious time spent completing outdated reports. The end user is emailed automatically with reports containing the information required to meet the regulatory requirements and avoid the risk of fines from the network operator.

Turning this previously manual task into a digital process with AVEVA Insight is part of an ongoing digital transformation journey for the end user, and scalability of point solutions such as this project, are high on the priority list. With the easy integration of AVEVA Insight and with ongoing support from Actemium Automation and SolutionsPT, the solution can be simply replicated and expanded across further sites in future, while further AVEVA Connect functionality, including Digital Twins can be added in time.



## An ongoing relationship

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“The project with our global rail solutions customer highlights the benefits of working closely with SolutionsPT to implement AVEVA Software, and shows the value of our long-standing Premier Partner status. We’re excited to continue to expand our relationship further in the months and years to come,” says Rich. “It is difficult to overstate the value that SolutionsPT brings to bear when implementing the products that they offer to market, be that AVEVA Software or any of the extensive automation, security, IT and OT technologies and services that they provide in the UK and Ireland. It’s a natural fit for Actemium Automation, with both companies committed to helping every industrial enterprise to successfully harness digital technology to maximise their human potential and achieve excellence in engineering, operations and asset management.”



# Get in touch

We'd love to hear from you



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