User name: Arcadis
Project name: HS2 sections C2-C3
Location: Birmingham, England, United Kingdom

Background:
- High Speed 2 (HS2) is a massive rail development in the United Kingdom that will greatly improve passenger and cargo travel across the country.
- Arcadis is designing the C2 and C3 sections of HS2, which will span 80 kilometers from London to Birmingham.
- The scope of the project includes 4,346 physical assets, including highways, bridges, drainage, embankments, culverts, tunnels, wildlife corridors, and more.

Challenges:
- Had a combined 100,000 files totaling nearly 900 gigabytes of data, which included information and designs for all assets.
- Faced challenges managing and delivering design information, and making sure it matched the master information delivery plan.
- Required automating methods for creating design files to meet deadline

Solution:
- Connecting ProjectWise to their master information delivery plan ensured all data was accurate and up to date.
- Can now automatically retrieve needed information and create files in correct folders with correct templates.
- New users are onboarded quickly and receive day-one access while maintaining data security.

Outcomes:
- By better connecting people and leveraging data, engineering and construction firms can achieve greater awareness and collaboration.
- Controlling file creation improved quality of deliverables, saved 5,000 resource hours on repetitive tasks, and provided greater insight into project information and progress.

Quote: "The use of ProjectWise and PowerShell scripts provided the platform to deliver an entire new way of working. This automation supported an increase in quality and generated time savings related to reduced file management. This alongside ProjectWise Insights allowed for visibility of information that delivered actionable insights through the project lifecycle." – *Jonathan Marshall, Digital Director, Arcadis.*

Image caption/courtesy 1: Arcadis used ProjectWise to manage data access for their work on High Speed 2. *Image courtesy of Arcadis.*

Image caption/courtesy 2: ProjectWise helps them manage 100,000 files totaling nearly 900 gigabytes of data. *Image courtesy of Arcadis.*

Image caption/courtesy 3: Users can now automatically retrieve needed information and create files in correct folders with correct templates. *Image courtesy of Arcadis.*

For more information, please contact Bentley PR at PR@news.bentley.com.

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