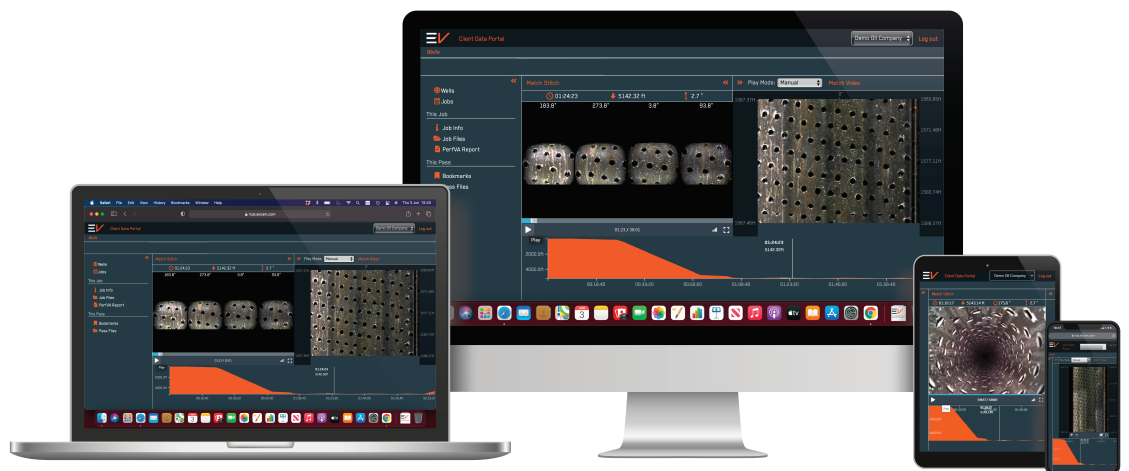THE DOWNHOLE VISUAL
ANALYTICS COMPANY

EV WEB PORTAL SYSTEM

A powerful, secure web-based platform providing advanced visualisation and integrated data reporting to global users

EV's Web Portal System is a secure web-based platform for viewing, analysing and interpreting downhole datasets. The all-in-one integrated platform provides gigapixel video playback, combined with synchronised 360 degree stitched 'Mosaic' visualisation and powerful PowerBI data analytics, presented in an intuitive and user-friendly way.

The Web Portal System operates on standard web browsers without the need for program installation, executable files or browser extensions.

EV's Web Portal System is accessible on multiple devices and platforms with ease.

Downhole data accessible globally in an instant

EV's Web Portal System significantly improves data accessibility and viewing experiences. The cloud-based portal system enables global users to log in from anywhere with internet access to view and interact with high fidelity data, while eliminating the latency of transfering data or security risks associated with physical, removable media devices. The cloud-based platform enables seamless collaboration between teams in global locations.

Full video playback with depth-time control, combined with Visual Analytics reporting and advanced visualisation provides immediate understanding of downhole challanges, leading to more effective decision making.
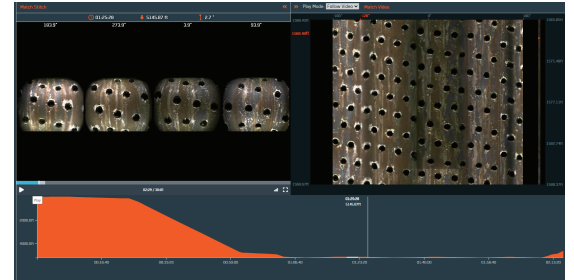
OVERVIEW

evcam.com

ADVANCED VISUALISAITON

Stitched 'Mosaic' images can be viewed in sync with 360 degree sideview recordings at the same depth, enabling a better understanding of downhole features. Mosaic images of the wellbore are generated at unrivalled data resolution thanks to EV's patented gigapixel technology.
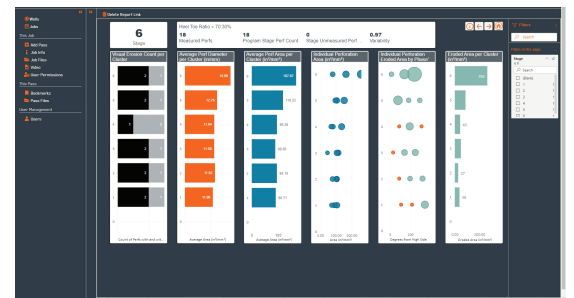
Depth-time control, combined with a bookmark list of key points of interest, enables users to easily navigate to any target depth and analyse in more detail.

INTEGRATED REPORTING

By incorporating the advanced analytics capabilities of Microsoft PowerBI, EV's web portal provides comprehensive statistical analysis & reporting of trends. Integrated data within the PerforationVA report interface include:

- Stage Length
- Cluster Count
- Perforation Type
- Perforation Count
- Eroded Area Per Cluster

DATA SECURITY

The web portal system is cloud-based, making it much more secure than legacy systems. Advanced cloud encryption processes encode & transform data once transferred to the cloud, concealing it from any potential unauthorized or malicious attacks.

Specific permissions can be set for individual users within the same company down to single wells, ensuring that the right teams have the right access to data.

Multi-Factor Authentication (MFA) can also be enabled for added security during login. By linking Microsoft Authenticator or Google Authenticator, users can add an extra degree of security by requiring single-use unique codes during every login attempt. This dual layer security process considerably decreases the likelihood of a successful cyber-attack.