

Improve Safety and Security and Unlock the Value of Data with Dell Technologies and Axis Communications

Enterprise-grade, comprehensive safety and security solutions for Oil and Gas customers

Essentials

Tested and validated

Dell Technologies partners with industry-leading safety and security vendors to provide proven, end-to-end solutions. Our joint solutions are tested and certified at the Dell Technologies safety and security validation labs, renowned for conducting rigorous interoperability testing and optimized storage configuration models.

Taking security to the next level

With Axis' cost-effective, easy-to-use safety and security solutions, organizations can keep their businesses safe. Axis' open IP products, combined with hardware and software from Dell Technologies, enable organizations to create a system that quickly meets your business and operational needs.

Axis analytics and applications

With the AXIS Camera Application Platform (ACAP), Axis cameras are open for edge-based analytics and applications, developed from both Axis and its partners. Examples of these analytics for the oil & gas industry include cross line detection, license plate recognition, intrusion & perimeter protection and many more.

Massive scalability

Scale modularly, plus grow up to 1,000+ cameras/sensors without disruption.

Simplicity

Our safety and security solutions provide easy plug-and-play simplicity and efficiency—requiring little technical configuration during deployment.

Safety and security data needs are constantly changing

The emergence of new kinds of devices, video requirements, higher resolutions and longer video retention times demand advances in the safety and security technology. Across industries – healthcare, education, retail and oil and gas – these advances deliver the ability to improve security with facial recognition, anomaly detection, digital evidence management, loss prevention, and more.

The importance of safety and security in Oil & Gas

Safety and security is extremely important in the oil and gas industry to help operators identify risks, suspicious events, accidents and thefts which threaten the security of staff and facilities. It's imperative that human lives are well-protected during any dangerous processes at offshore or onshore sites or by oil field services companies. Organizations need a powerful safety and security solution which will reduce risk by proactively monitoring for leaks, corrosion or preventive maintenance and enabling remote viewing for off-site monitoring of infrastructure.

Driving safety & security transformation through technology innovation

Dell Technologies is uniquely positioned to deliver a robust portfolio of safety and security solutions built with best-of-breed Dell Technologies storage, networking, compute, client, security and virtualization technologies. Manage disparate data sources that seamlessly feed into the infrastructure layer comprising distributed, centralized, and cloud architectures. Dell Technologies manages the largest, longest running IT infrastructure for safety and security labs in the world. Proven lab validations with partners are accompanied by extensive documentation to simplify deployment and reduce risk of video loss for customers.

Unstructured Data Solutions: Dell EMC PowerScale and Dell EMC ECS

Dell EMC PowerScale and Dell EMC ECS scale linearly in both capacity and performance. Organizations can easily scale by simply adding nodes to meet needs such as increasing retention time or camera count and resolution. Dell EMC PowerScale OneFS operating system enables a single volume to be shared by all the cameras streams—thus saving enormous amounts of time in initial set up. Dell EMC ECS acts as an archive/ secondary storage location for data. Video management software (VMS) providers can also leverage ECS' rich custom metadata capabilities for tagging files with important details like camera location, retention and data protection requirement.

Better Together: Dell Technologies and Axis Communications

Dell Technologies and Axis Communications will provide oil and gas companies a solution which allows the administrators and operators to monitor the assets 24/7, send automated alerts to save time and money and make staffs more productive. Our safety and security solutions, delivered as end to end systems through our preferred system integrators, will be able to interact with gauges on tanks, pumps and other equipment, potentially dangerous situations can be automatically detected and prevented without risk to human health.

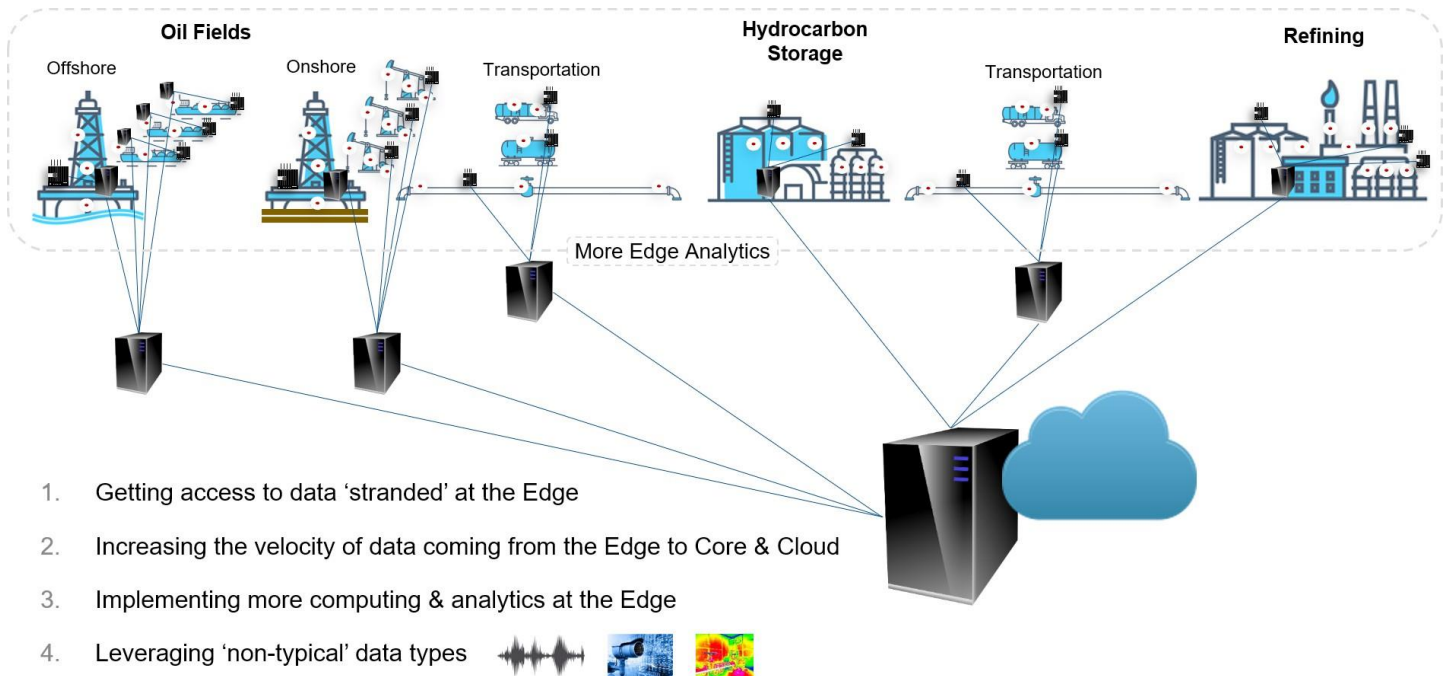


Figure 1: Addressing the key challenges in the connected digital oil field and allowing the customers to derive more value from their data.



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