Oceaneering® Media Vault

Enabling secure live and archived media management through an enterprise video solution

We solve the challenge of remote video streaming and archiving, making it possible to view remote operations in real-time and store petabytes of data in a searchable, indexed video archive. We offer a complete solution, from rugged video cameras to installation expertise, that enables you to effectively monitor operations and manage the vast amounts of data collected.

FEATURES

- Enables intelligent management and viewing of media
- Expertise in live streaming from remote harsh locations
- Live collaboration sessions enable disparate teams to participate in mission critical activities
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Store, search, retrieve, and analyze archival video data

Offshore operations dedicated to monitoring subsea and topside activities can generate a terabyte of video data each day. This volume of data can overwhelm enterprise storage resources, while storing it on physical media can be extremely difficult and make subsequent sharing, retrieval, and analysis even more challenging.

Oceaneering Media Vault solves these challenges through its seamless, dynamic cloud-based solution. This enables the storage of large volumes of data using a secure system while providing the convenient DVR capabilities associated with popular consumer TV playback solutions.

» View and analyze archival geospatial video with full DVR functionality

» Easily add recorded video to your Esri-based common operating picture (COP)

» Superior alternative to using enterprise storage resources or physical media including DVDs, USB devices, or NAS drives

» Ease of retrieval using a full range of playback modes, including synchronizing, reverse playback, and fast and slow play modes

Video streaming from remote locations

Oceaneering simplifies remote video streaming, making it possible to view remote operations in real time. We provide the hardware, software, networking, and communications services required to backhaul video from the harshest locations and tag and archive it for subsequent analysis.

» Monitor activities in real time, even in the most remote locations

» View multiple video streams in one convenient display

» Reduce personnel offshore by enabling them to view footage in real time

Enabling a collaborative environment for remote teams

The Oceaneering Media Vault is a collaboration tool that connects teams and enables them to view, assess, and make quick decisions. This feature allows faster and more cohesive analysis of live video footage to reduce silos created by work functions.

» Supports collaboration between onshore and offshore teams

» Enables annotating over video feeds, voice over, and snapshots during recorded sessions

» Playback of collaboration sessions for other team members’ review

Flexible work planning and life-cycle management solution

Simplify spreadsheets management of In-Service Inspection Plans [ISIPs] in an easy, intuitive workflow. Change manual tracking on inspection items with spreadsheets to a fully automated and configurable tool that enhances tracking and management of various tasks.

» Enables engineering review of critical inspection areas with side-by-side visual analysis

» Quick sign off process through custom created workflows

» Reduce liability and ensure all legally-required inspections are complete

Specifications

» Storage Hosting: Microsoft Azure Storage

» Azure storage is durable and highly reliable. Redundancy ensures data is safe in the event of hardware failures. All data written into Azure Storage is encrypted which gives full control over who is accessing data. The use of Azure Storage creates a highly-scalable enterprise solution for all data objects.

» For more information: data@oceaneering.com

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