

Eliminating Network Congestion with



Datadragon®

SITUATION

An offshore oil platform wasn't able to utilize their existing satellite service for critical applications due to network congestion. The platform utilizes a satellite backhaul as its primary internet source for full operations, including production data, system controls, Wi-Fi, VoIP server, and end user devices.

SOLUTION

Utilizing Datadragon's real-time network application flow analytics, we determined that the network congestion was being caused by multiple automatic updates on individual devices. These background updates were eating up over 90% of the bandwidth. Through Datadragon, bandwidth was prioritized for critical applications, and traffic management was implemented to allocate no more than 20% of the service plan for automatic updates.

OUTCOME

Traffic prioritization now allows critical applications such as VoIP and production data to flow smoothly with no bottlenecks. The solution was instant and did not cause any pauses in production or packet drops. This created a frictionless experience where each application received the necessary bandwidth based on mission requirements.



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