

Another Talksum Success New Mexico Consortium



About the New Mexico Consortium

NMC pursues joint initiatives with the Los Alamos National Laboratory (LANL) in advanced computing, plant biology, biomedical engineering, and modeling and analysis. These initiatives leverage the technical strengths of partnerships to achieve technical advances in support of national priorities.

About Talksum

Talksum Inc. is a leader in high-speed data processing and management solutions whose mission is to develop new ways of processing, routing, and managing Big Data. The Talksum Data Stream Router (TDSR) provides a real-time streaming data solution that is perfect for Big Data initiatives that require massive amounts of data processing.

Contact Talksum to see how the Talksum solution can help you with your Big Data initiatives.



The New Mexico Consortium Challenge

The New Mexico Consortium (NMC) has over 1,700 servers that continuously generate data in different formats to their respective data research systems. The Consortium needed a way to process, data reduce, manage, analyze, and route this data to various downstream storage systems, in real time, as well as a way to alert personnel when operations were not functioning properly.

The Talksum Solution

The New Mexico Consortium installed the Talksum Data Stream Router[™] (TDSR[™]) to improve its data acquisition, transformation, and routing within the data center. The TDSR reduced a couple of terrabytes of syslog data into 16 key values that were determined by NMC. Actionable data is now contextually routed in real time to its respective targeted sources for analytics. In addition, reporting latency of critical events has been reduced to seconds. During critical events, or when an operation has gone off course, real-time alerts are now routed to appropriate personnel.

The hardware-based, highly configurable TDSR was quickly deployed for NMC's solution without the need for specialized coding, and includes foundational components for regulatory compliance, government standards, and policy control.

“ We must be able to program nodes with thousands of processing elements and achieve reliability at these scales. The Talksum Data Stream Router was built with the same type of focus in mind – speed, simplicity, and efficiency. ”

— Andree Jacobson, Computer and IS Manager, NMC