

Sonus Networks: Delivering Real-Time VOIP Analytics

Overview

Sonus Networks, Inc. (Nasdaq: SONS) is a leader in IP networking with proven expertise in delivering secure, reliable and scalable next generation infrastructure and subscriber solutions. With customers in over 50 countries across the globe and over a decade of experience in transforming networks to IP, Sonus has enabled service providers and enterprises to capture and retain users and generate significant ROI.

Sonus' Network Analytics solutions, which includes NetScore™, NetEng™ and NetAssure™, help keep networks running at optimal efficiency by automatically capturing, scoring and transforming data from Sonus network elements into actionable information. Sonus Networks chose Infobright® Enterprise Edition as the new embedded analytic database to store and analyze large volumes of network data.

The Challenge

Shifts in network traffic, transient overloads, outdated configurations and inefficient call routes can all negatively impact network performance. Network operators need fast access to call data with the ability to instantaneously drill down into the data to manage network performance. Sonus Networks determined they needed an embedded database with fast query response and with the ability to do ad-hoc data analysis, while keeping more data history using less storage.

The Solution

Adding Infobright to the Network Analytics solutions will give Sonus customers the ability to do fast ad-hoc analysis and immediate drill-down into specific control points to quickly identify the cause of service-affecting problems. In addition, Infobright's deep-data compression will enable Sonus customers to keep longer data history for trending analysis, which uses significantly less disk storage.

"Our customers rely on our analytic solutions to provide them with real-time actionable insight on their network performance and understanding of their customer's Quality of Experience" said Wassim Matragi, vice president of Sonus' Network Design and Analysis Group. "Using Infobright with our Network Analytics solutions provides our customers with outstanding database query performance, especially for ad-hoc analytics and instantaneous drill-down into large volumes of CDR data. This delivers a preemptive, results-oriented approach to managing the overall network performance."



INDUSTRY Telecommunications

ORGANIZATION
Sonus Networks

SOLUTION
Real-time VOIP analytics

RESULTS
Very fast ad-hoc analysis of large volumes of call data with the ability to instantaneously drill-down into the data. Ability to keep far more data history while using less storage.

"Using Infobright with our Network Analytics solutions provides our customers with outstanding database query performance, especially for ad-hoc analytics and instantaneous drill-down into large volumes of CDR data. This delivers a preemptive, results-oriented approach to managing the overall network performance."

Wassim Matragi
Vice President
Sonus Network Design and
Analysis Group