SYSLOG ANALYZER: LISTEN TO YOUR NETWORK

HIGHLIGHTS

- Massive streaming of syslog messages
- Syslog Analyzer collects all syslog messages
- Big Data solution to stores all messages for long term trending and analysis
- Dashboard provides powerful analytic tools for intelligence mining. Allows keyword search for any specified time frame
- Real time rule-based monitoring and alarm generation
- Operator programmable rule engine

Syslog Analyzer helps Latin American cable operator improve network monitoring and performance

THE CUSTOMER

A large cable operator in Latin America uses Syslog records from core network elements to monitor and improve the network.

THE CHALLENGE

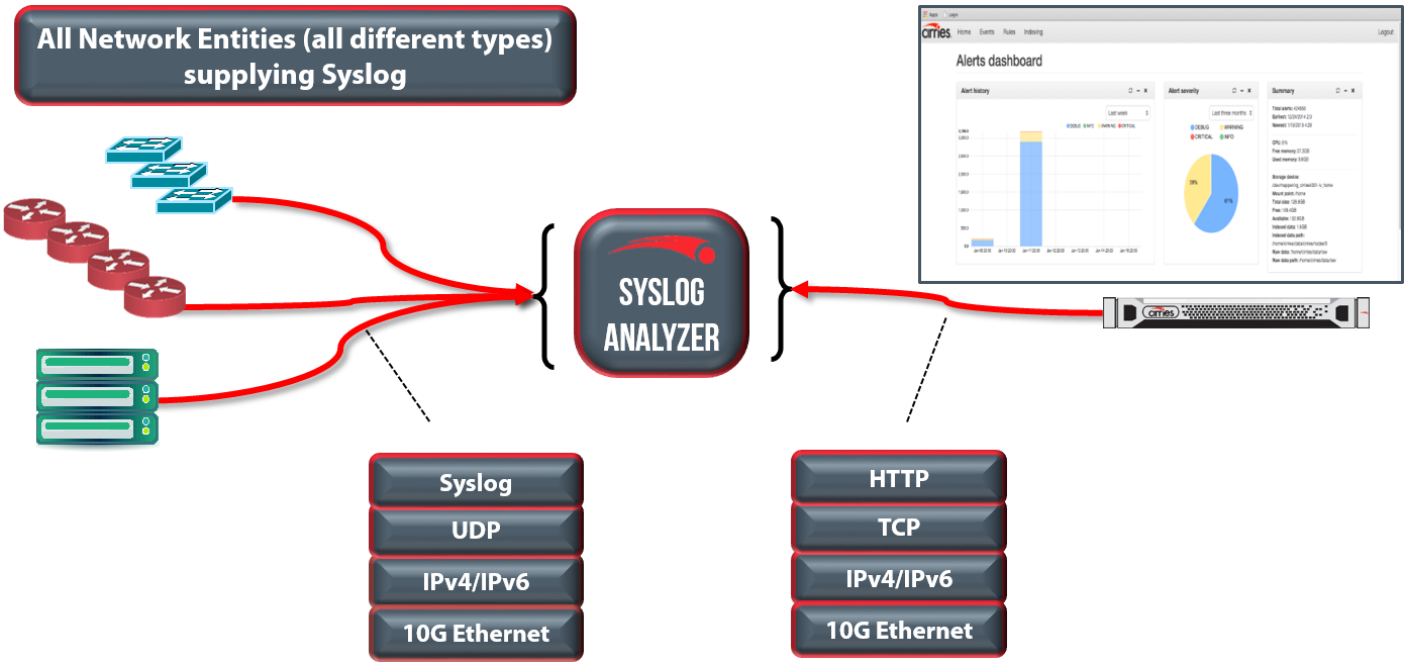
The cable operator needs the ability to monitor network data and generate alarms in real-time across a massively distributed network consisting of multiple Network Operations Centers located in far reaching geographies.

The operations team also needs better insight into network and element performance over time. Syslog records must be stored on a continual basis for an extended period of time to enable historical and predictive analysis.

THE ANSWER

The Syslog Analyzer, based on the Maestro Data Controller, collects syslog from all network elements and store them for an operator defined period, in this case six months. Alerting rules based on event severity and counter thresholds are configured to generate color-coded alarms to the Syslog Analyzer dashboard. The records are parsed and indexed, available for keyword and time-based searches from the dashboard.

SYSLOG ANALYZER ARCHITECTURE



SYSLOG ANALYZER BENEFITS

- **Alarms** By collecting Syslog's from all elements in the network, and allowing a rules-based policy to be defined, alarms can be reported for network-wide exceptions that could not be reported by a single element
- **Troubleshooting** When a customer reports a problem or in response to an alarm, troubleshooting a problem across multiple network elements is difficult. By collecting the Syslog's from all elements and allowing flexible reports by selecting different types of data from different elements, problems can be identified more quickly
- **Trends** By collecting the Syslog's from the network, storing them for multiple years and providing a flexible reporting capability, data from the network can be used to analyze trends and plan more effectively .