



Great Western Bank Identifies and Analyzes Network Traffic

SDN helps Great Western Bank Analyze Traffic Flow for future VoIP Implementation

The Challenge

Great Western Bank has grown exponentially over the past few years. It currently operates 125 branch locations across seven states and employs over 1000 people. Great Western looked at its recent growth as an opportunity to update technologies within the company. When bank management decided to explore a Voice over IP (VoIP) solution, many questions were presented to network administrators:

1. Would their current network configuration support a voice solution?
2. How would they identify the bottleneck areas on their network?
3. How could they discover which users, applications and protocols were using the most network resources?

Network administrators simply did not have the time or the toolsets to confidently answer these important questions.

The Solution

SDN Communications recommended implementing its hosted Netflow Traffic Analyzer service, which indicates where and by whom network resources are being used. SDN engineers worked closely with Great Western Bank to identify where to place the Netflow collectors to accurately capture traffic as it traversed the network. These collectors captured millions of data



flows from each device on a daily basis then summarized the raw data into easy to read charts and tables. This information provided a crystal clear view into network traffic anomalies and bottlenecks.

The Benefits

From a single web interface provided by SDN's Network Surveillance Center, Great Western IT staff is able to see individual IP conversations, identify the top talkers on the network, and, most importantly, make confident recommendations and decisions based on facts. Relying on SDN to monitor and capture critical network information allows the network administrators

to focus more on keeping their network accessible to users and less on gathering and compiling reports.

“Netflow has been an invaluable tool for quickly identifying traffic patterns within our network.”

“SDN's hosted Netflow service brings visibility to network usage, which not only helps to identify and respond to issues, but also to perform capacity planning for future application requirements.”

-Dan Blumer, Network Analyst, Great Western Bank

