



## MIMIC SNMP Simulator helps SNMP Research to Bring SNMP Security Analyzer to the Market

“MIMIC’s ability to create networks of different sizes from small to really large, has helped us thoroughly test our new Security Analyzer and bring to the market faster.”

David Reid, Chief Engineer

SNMP Research International and Gambit Communications have been providing complementary network management and testing solutions for more than 20 years. Over this time, we have worked together to help each other test our products for quality and performance. Gambit uses SNMP Research’s SNMP agent and management products as test beds for the MIMIC SNMP Simulator and SNMP Research uses the MIMIC SNMP Simulator to test its products in simulated network situations.

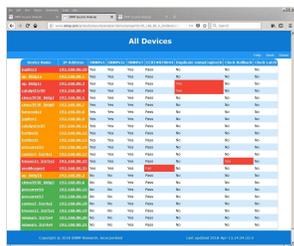
### SNMP Security Analyzer:

Customers have been implementing SNMP management applications and SNMP agents in their networks since the early days of the Internet. One of the challenges that customers face is how to find and address “bad SNMP agents” in their networks. SNMP Research’s new SNMP Security Analyzer solution is able to discover SNMP agents in their network that have CERT vulnerabilities (latest alert is April 18, 2018), duplicate engine IDs, unsecure V1 and V2 agents, agents with clock rollbacks, and clock latches. It creates reports and recommends the proper action to rectify the problems.

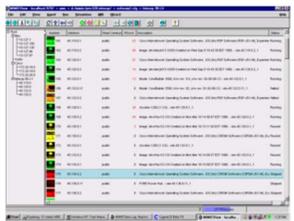
SNMP Research finalized the feature set for SNMP Security Analyzer in early 2018 but needed to test the product and define the license model for various size networks.

### Challenges:

SNMP Security Analyzer can find vulnerabilities on small, medium, and large networks. SNMP Research needed a way to test all sizes of networks with all variables of vulnerabilities. The MIMIC SNMP Simulator provided the solutions to both of these challenges.



SNMP Security Analyzer Report for Simulated Network.



MIMIC SNMP Simulator

### Solution:

Gambit Communication’s MIMIC SNMP Simulator provided the testing ability that was needed to help bring SNMP Security Analyzer to market. SNMP Research was able to simulate various size networks containing simulated problems for SNMP Security Analyzer to discover. Simulated SNMP agents were built that had duplicate engine IDs V1/V2 only agents, and other vulnerabilities. This helped SNMP Research confirm product capabilities and performance.

**MIMIC Simulator created a variety of networks and scenarios for SNMP Research to complete their testing of Security Analyzer.**

For more information:

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