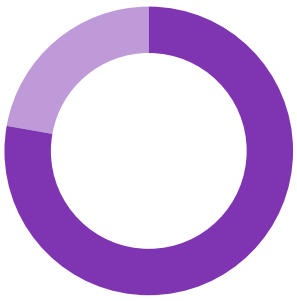
Evolution of the SOC Analyst

SOC Analyst

How they spend their day



80% managing low fidelity alerts (click>validate>close)

20% reporting, shift ops, tool maintenance

How they are measured

Reduction in alert investigation time

Reduction in alert volume

Job satisfaction

73% of SOC analysts say that 25-75% of alerts are false positives

More than 70% of SOC analysts are overwhelmed investigating over 10 alerts per day

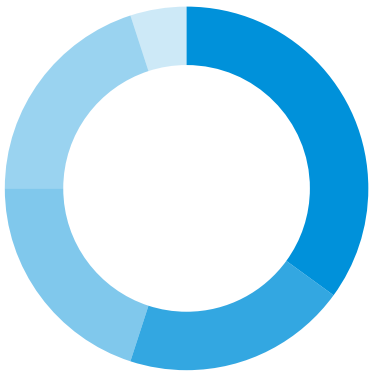
Job satisfaction falls to less than 50% after just a few years in the role

28% of SOC analysts say they have never stopped an intrusion and don't feel they are making a difference

Over half of SOC analysts teams have a turnover of more than 25%

Threat Hunter

How they spend their day



05% investigating high fidelity alert

20% strategic project work playbooks for threat analysis

20% monitoring and investigating audit and new activity alerts

20% maintenance and configuration of security tools

35% reviewing threat intelligence and apply to environment

How they are measured

Number of artifacts processed with ATT&CK tags

Amount of threat intelligence cases

Number of alerts and defensive measures created

Number of continuous monitoring capabilities

Job satisfaction

ABIGAIL HERTZ
THREAT (SOC) ANALYST
VMWARE

SCOTT LUSSIER
THREAT (SOC) ANALYST
VMWARE

"Our days are much more exciting. We are more proactive instead of waiting for things to happen."

"Learning about a threat, hunting for it and then creating protection against it is awesome."

"I love being able to investigate a problem, solve it, then stop it from happening again."

"We are much more strategic now. Alerts are tuned so we only see things that make the most impact."

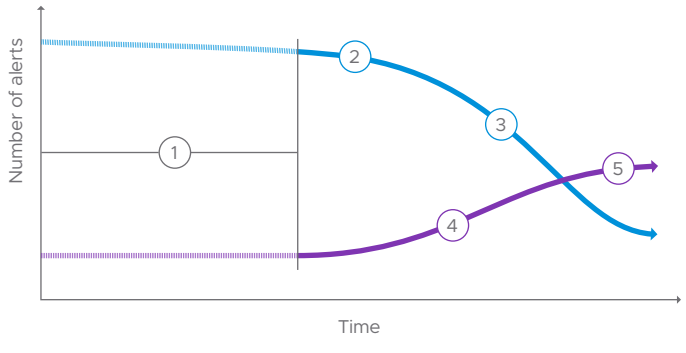
Why the Role is Changing

Graph Key

Low fidelity alerts

High fidelity alerts

1. Learning the environment and what is "normal" so alerts can be tuned
2. Alert tuning and automation improved in security tools
3. More and better training available for SOC Analysts to tune and create high fidelity alerts
4. Threat research and intelligence more frequent and available
5. Less overall alerts gives Analysts more time to process threat research



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