

Managed Threat Detection Network

Many customers base their threat detection only on logs or on endpoint data. The challenge with this approach is that not everything is logged, and not all endpoints will run detection agents. For optimal threat detection ability, customers also need to invest in network-based threat detection.

Traditional network-based detections are however failing to detect today's threats. This is due to the fact that they are based on short-lived and reactive intelligence and that they fail to learn unique customer traffic patterns to be able to detect anomalies.

Solution

To address these challenges, Orange Cyberdefense offers a Managed Service that leverages Machine Learning for detecting threats based on network traffic.

By applying supervised Machine Learning techniques, the service can detect threats that have never been seen before.

By applying unsupervised Machine Learning, and learning local behavior over time, the service can also detect threats based on behavior anomalies within the customer's unique environment.

Service Overview

Orange Cyberdefense will deploy physical or virtual sensors that are connected to a network tap. The network tap will send copies of all traffic that should be monitored to the sensor. The different sensors will extract relevant information and forward this data to the central brain that will apply different types of detection engines to detect threats across all the data. The brain is a hardware appliance that will be placed at the customer premise.

The solution also integrates with leading cloud platforms, utilising AWS virtual private cloud (VPC) traffic mirroring and / or Azure Virtual Network TAP to monitor all infrastructure-as-a-service traffic.

Orange Cyberdefense monitors the central brain for alerts, and when detected, they will be collected, analyzed and classified by the security experts in the Cyber Defense Center 24x7.

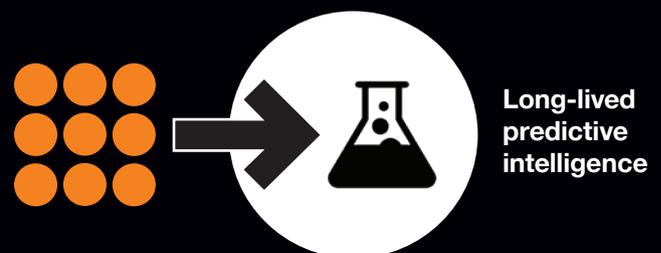
Once a threat has been confirmed, customer will get an incident notification in accordance with the SLA for that specific priority level. This notification includes information about the threat and recommended actions.

Traditional signatures



- Recognition by what the threat looks like
- Finds threats analyzed before
- Snapshot in time
- No local context

Data science



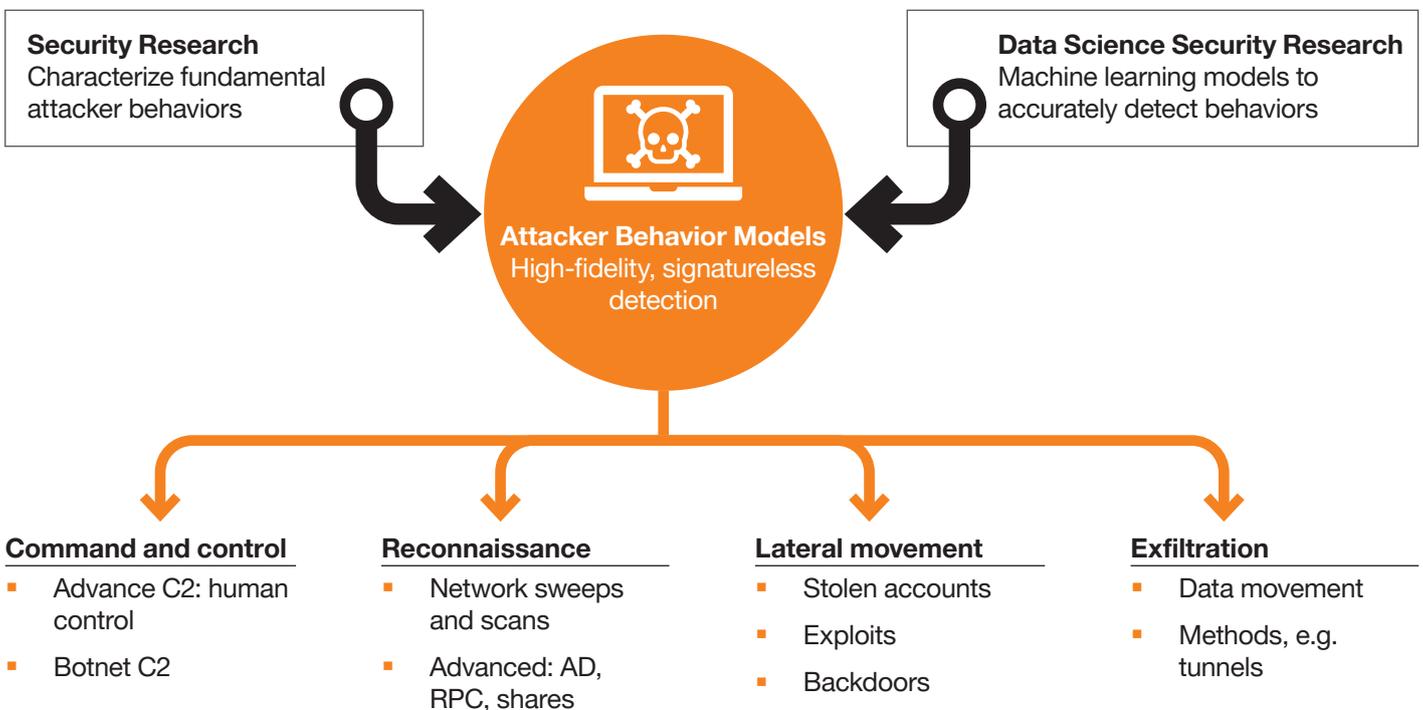
- Recognition by what the threats do
- Finds what all threats have in common
- Learning over time
- Local learning and context

Find out more on how to detect attacks before they cause damage on:
orangecyberdefense.com/gb/detect/



Benefits:

- Increase your resilience against threats and zero-day-attacks based on behavior, no use-cases, signatures or extensive rules required
- Detect unusual behaviour based on your own specific setup and environment profile, not derived from standards that do not match you
- Controllable monthly costs and professional service instead of extensive headhunting for specialists and trial-and-error to find the right product
- Detect and eliminate threats before they actually cause a loss of critical information or (financial) damage
- Advanced agentless attacker detection reduces the risk of security gaps and blind spots in dynamic cloud environments.



Optional Services

The Managed Threat Detection Network service can be complemented with a quarantine service.

The added benefit is that this will give our professional Cyber SOC analysts the ability to rapidly isolate the detected threats for you and automatically limit the impact of the breach.

Pro Service

