illusive

Fast, Free and Remote.
Attack Risk Assessment.

Defending Assets in the ‘New Normal’

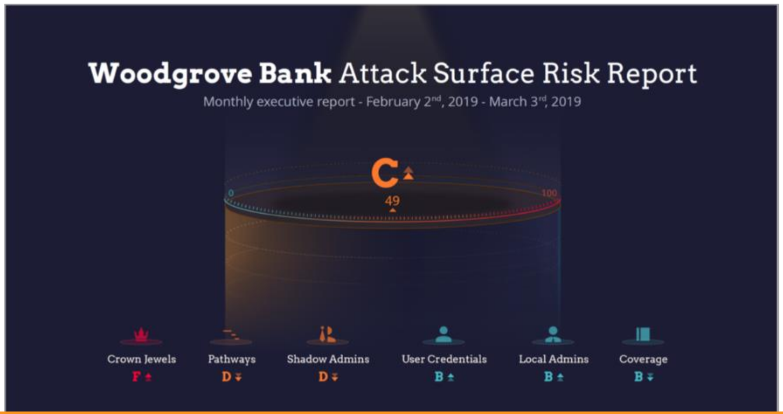
In times of rapid change, current attack detection approaches looking for needles in stacks full of needles is futile. Network traffic and user behavior during this unprecedented period will shift to a ‘new normal’ (aka #workingfromhome). Everything AI engines have ‘learned’ will be irrelevant as sudden changes in user behaviors fire as anomalies. Tools focused on identifying disruptions of baselines will soon burden SOC teams with a tsunami of false positives at a time when skilled personnel and quick triage will be necessary to combat the near certainty of an attacker landing in the network.

Against this backdrop, cyber criminals are ratcheting up efforts—be it attack of VPN security gaps in newly spun up (or legacy) infrastructure, or phishing campaigns targeting large bodies of first time work-from-home users anxious for breaking health news or internal organizational communication updates.

- How robust are your current defenses?
- How will changes to the work environment affect your attack surface?
- What can you do to immediately reduce your risk?

Gain Visibility Into Your Attack Surface

Illusive’s free Attack Risk Assessment identifies attack risks in your network—artifacts attackers need and seek to navigate the network towards high-value assets. The assessment reveals risk factors you’ll want to be aware of and the value that ongoing, end-to-end cyber hygiene provides.



Woodgrove Bank Attack Surface Risk Report

Monthly executive report - February 2nd, 2019 - March 3rd, 2019

Within Hours, you’ll discover hidden vulnerabilities

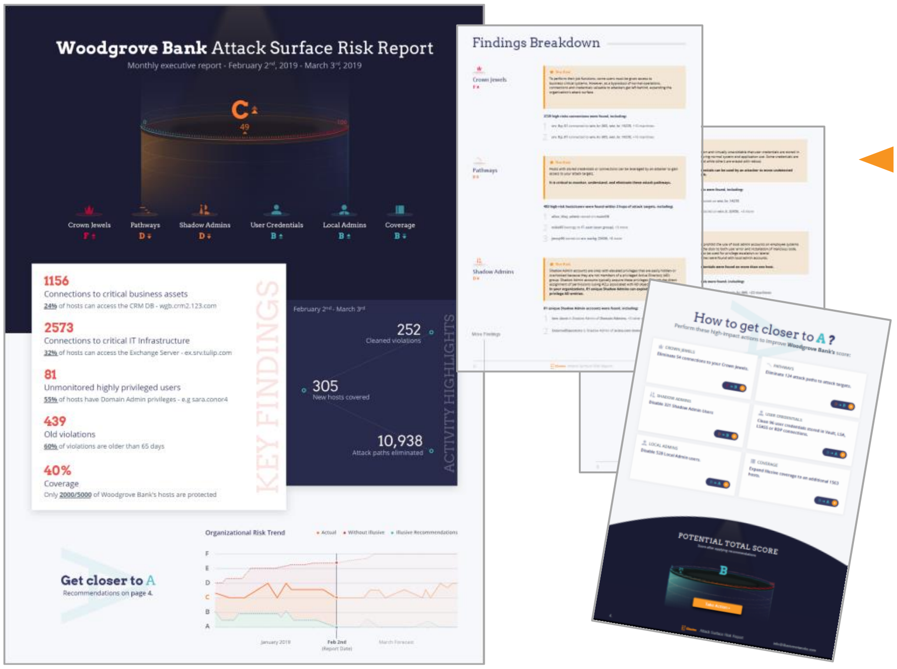
- Cached domain admin credentials
- Exposed endpoints with direct access to critical business assets
- Phantom RDP sessions
- Ambiguous “shadow admins”

Armed with this knowledge, you’ll be better positioned to defend your organization from these opportunistic attacks

Identify Attack Risk from the Safety of Your Home Office

Illusive's fully remote Attack Risk Assessment evaluates six different attack surface categories, with review ranging from identification of 'crown jewel' assets, user credentials, and local administrators to network connection pathways and shadow admins. Each category is assigned a grade from A to F along with specific details of risk findings. The report concludes with recommendations for prescriptive execution of high-impact actions for each category and the potential grade improvements gained.

The Attack Risk Assessment assigns an overall grade based on findings across several attack surface categories along with a summary of key findings, e.g., 81 Unmonitored highly privileged users / 55% of hosts have Domain Admin privileges



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KEY FINDINGS

1156
Connections to critical business assets
24% of hosts can access the CRM DB - wgb.crm2.123.com

2573
Connections to critical IT Infrastructure
32% of hosts can access the Exchange Server - ex.srv.tulip.com

81
Unmonitored highly privileged users
55% of hosts have Domain Admin privileges - e.g sara.conor4

439
Old violations
60% of violations are older than 65 days

40%
Coverage
Only 2000/5000 of Woodgrove Bank's hosts are protected

ACTIVITY HIGHLIGHTS

February 2nd - March 3rd

252
Cleaned violations

305
New hosts covered

10,938
Attack paths eliminated

Get closer to A
Recommendations on page 4.

Findings Breakdown

It is critical to monitor, understand, and eliminate these attack pathways.

How to get closer to A ?

Perform these high-impact actions to improve Woodgrove Bank's score:

CROWN JEWELS
Eliminate 54 connections to your Crown Jewels.

PATHWAYS
Eliminate 124 attack paths to attack targets.

SHADOW ADMINS
Disable 321 Shadow Admin Users

USER CREDENTIALS
Clean 96 user credentials stored in Vault, LSA, LSASS or RDP connections.

LOCAL ADMINS
Disable 528 Local Admin users.

COVERAGE
Expand Illusive coverage to an additional 1563 hosts.

POTENTIAL TOTAL SCORE

Risk findings are grouped by category, e.g., Crown Jewels, Pathways, Shadow Admins along with specific details. Categories are graded on an A to F scale

High impact actions are recommended by category with expected improvement to grade, e.g., Disable 321 Shadow Admin Users. Improves grade from D to B

Identify Risk and Remediate

- Illusive's experts will guide you through the simple process of initiating the assessment and operation on a local workstation or laptop
- Illusive and your team will define rules for identification of user credentials, mission critical connections, local admin and shadow admin users
- Data collected is analyzed to identify conditions that violate these rules
- Up to 7,500 endpoints can be included in the scope of discovery

Following the exercise, Illusive and your evaluators will meet via conference call to analyze the results, answer questions, and discuss how you organization could act on the data to preemptively harden your environment. The exercise requires very few resources— no external connections or integration testing. All of your data remains solely in your possession at all times.

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