



When **you** are **Cybersafe**
We are **Cyberhappy**

Our Vision

**Protect our clients
against modern
threats leaving
them able to fend
by themselves**

Our Mission

**To make the digital world safer
by securing one digital
company at a time.**

**To deliver to you world-class
cybersecurity consultancy
services to help protect your
business from modern-day
threats.**

The Cloud security numbers

Adversaries don't need many misconfiguration ONE is all it takes.

Is your business equipped with the right tool and trusted partner to address it?

Total cost of cloud breaches

5 trillion \$ / 4 trillion GBP

Every min

62K record disclosed

Record per minute disclosed

N. Of Vuln records

33 billion

Disclosed records over 1 year

Data breaches

80% due to misconfiguration

Cloud misconfiguration is dominant

Av. Cost per record

150\$ per record

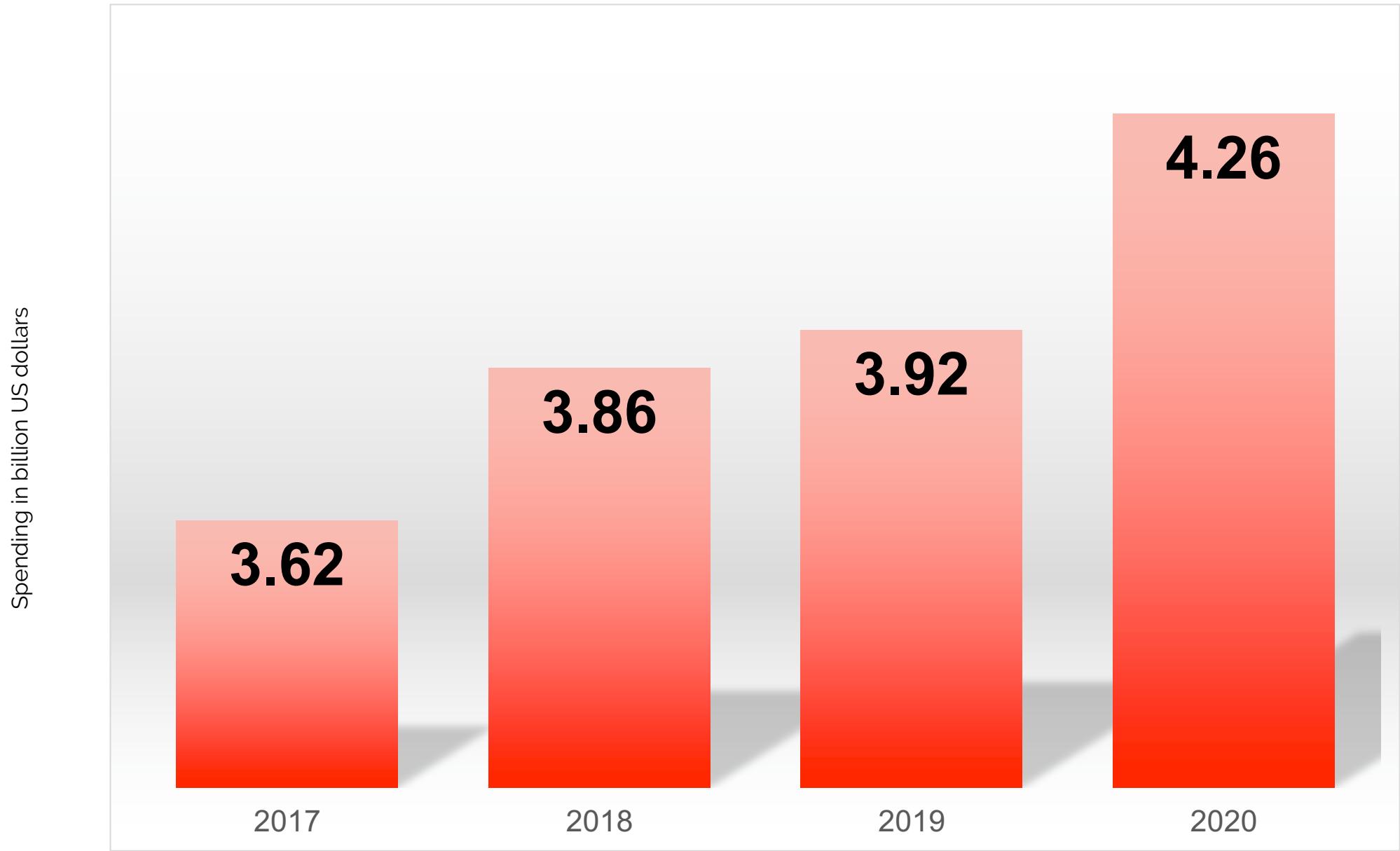
Average cost per loss record

The Cybersecurity Sector in Numbers

Av Cost of data
Breach
3.03 m

The number of data breaches reported since 2017 to regulators has increased 480%.

71% of breaches in 2019 were financially motivated



Source Gartner Report 2018

AVERAGE COST OF DATA BREACH IN MILLION OF DOLLARS

Company	Net Loss (\$US)	Settlement/Regulatory Fine	No. of Customer Affected
eBay	2.33 billion, \$1.82/share	\$650million	147million
Equifax	\$555.9 million	\$700million	147million
Capital One	\$150million	TBD	106million
Travelex	£4.6m ransom + 30 days inactivity	TBD	
Average	the average total cost of a breach now stands at £3.03m		

Problem with vendor only solution

Too many vendors

Too many alerts & dashboards

Not enough skilled expertise

Not enough time

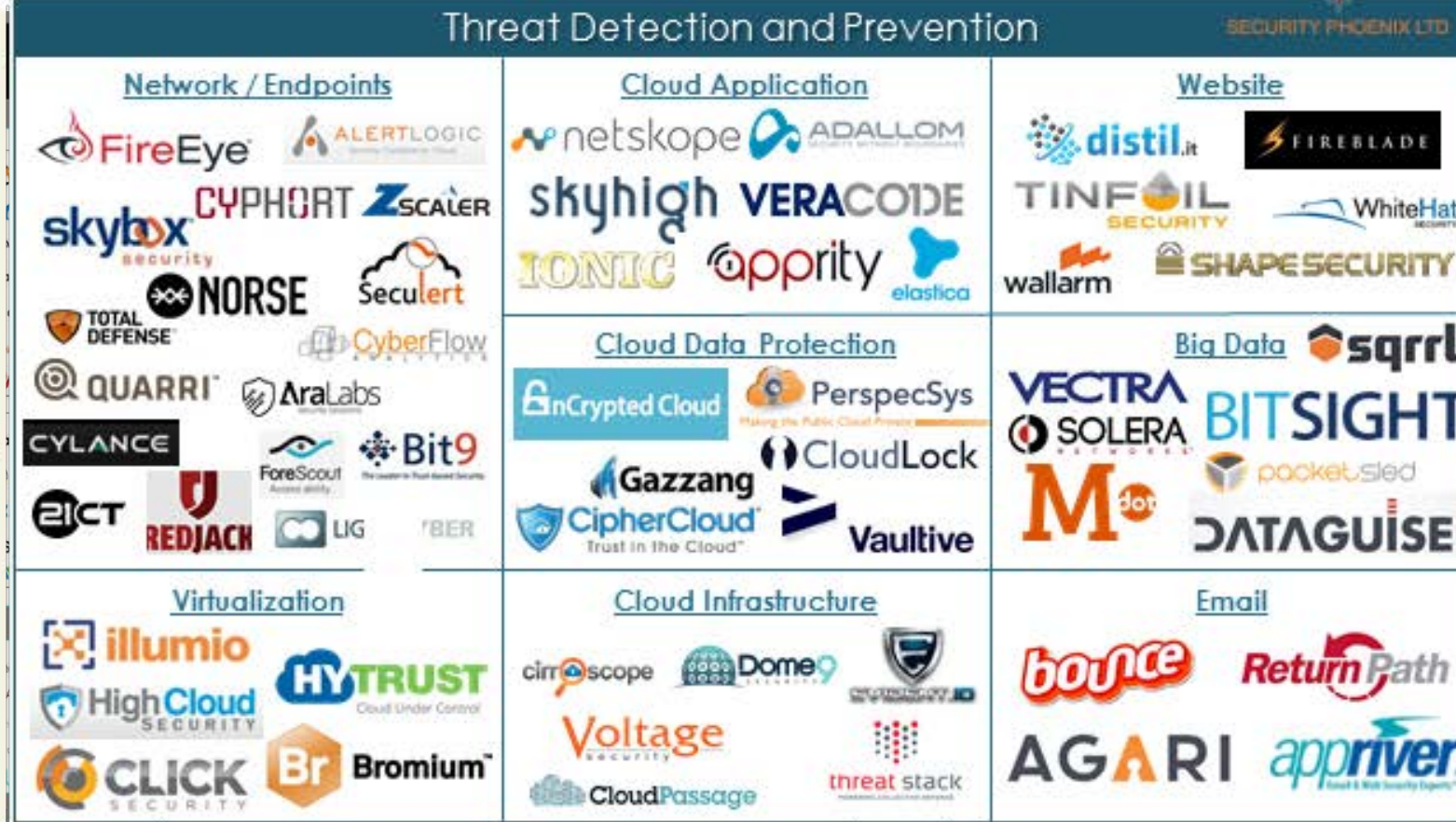


Fix the problem with technology

People – Process – Technology is the mantra of cybersecurity
Why starting from the latter?

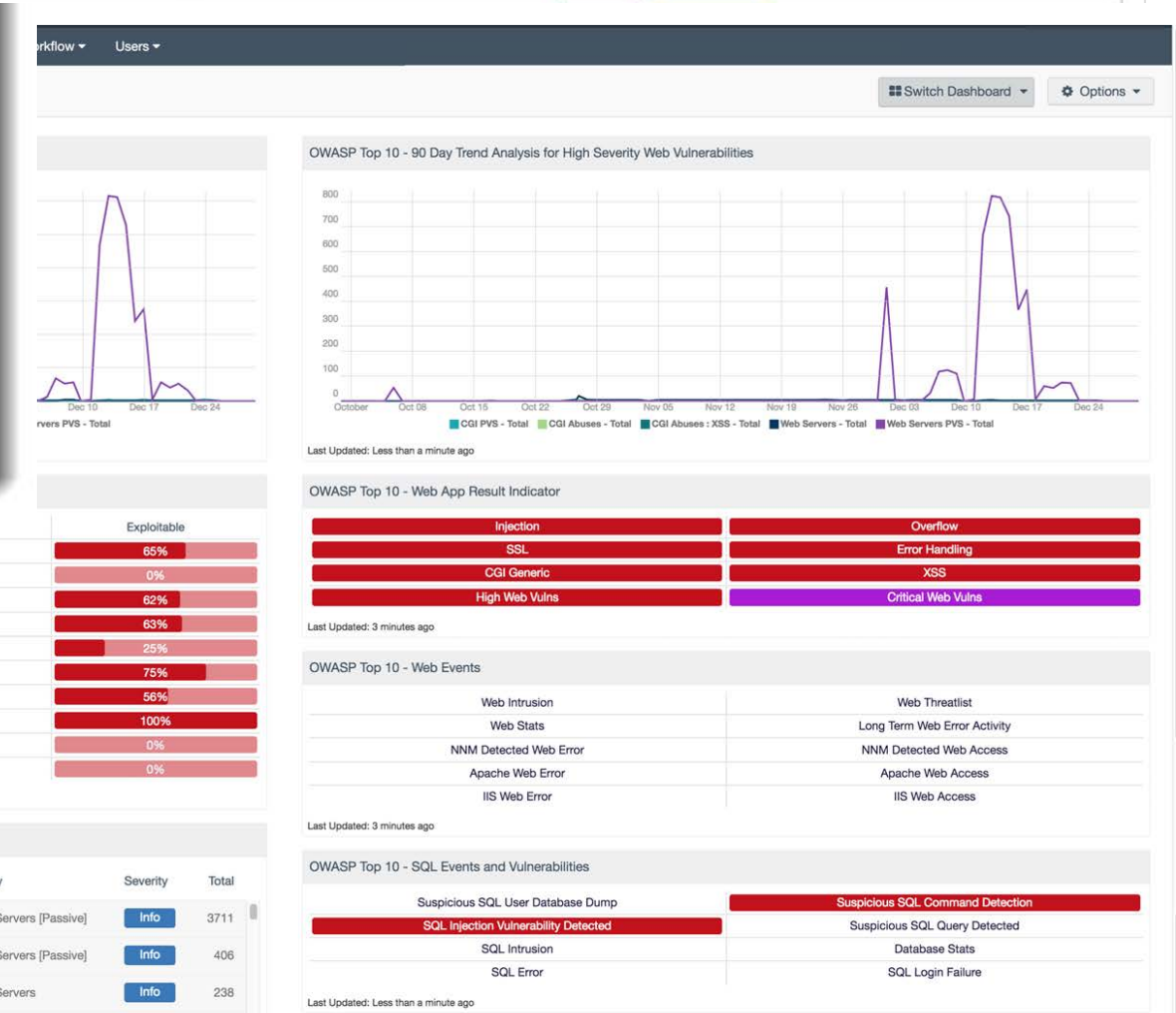
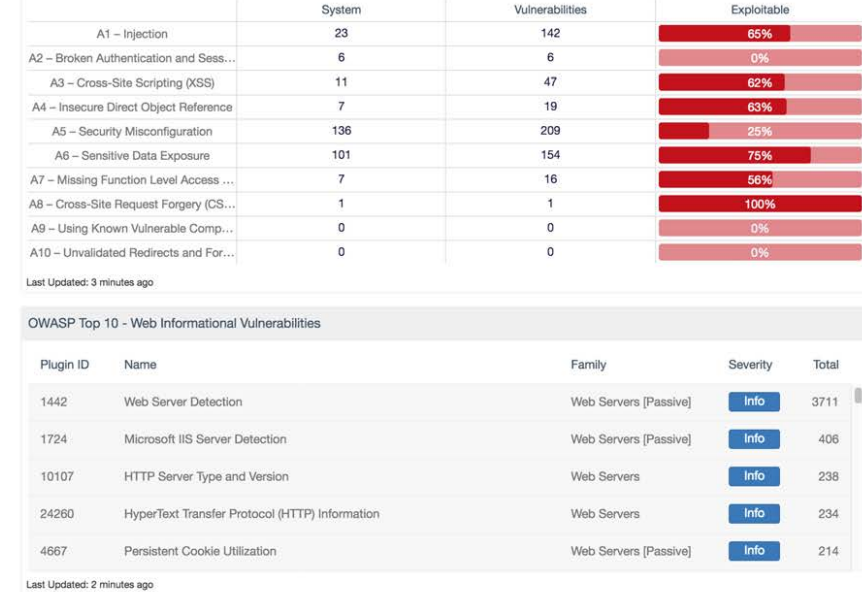
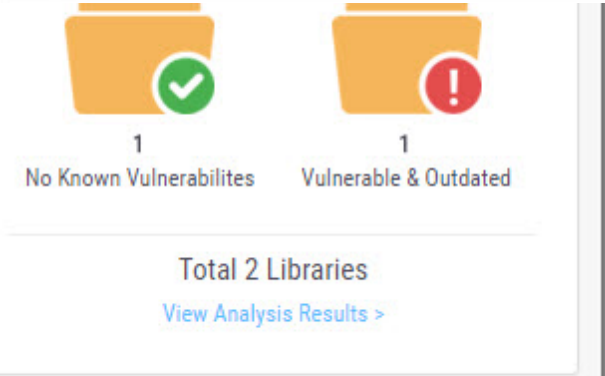
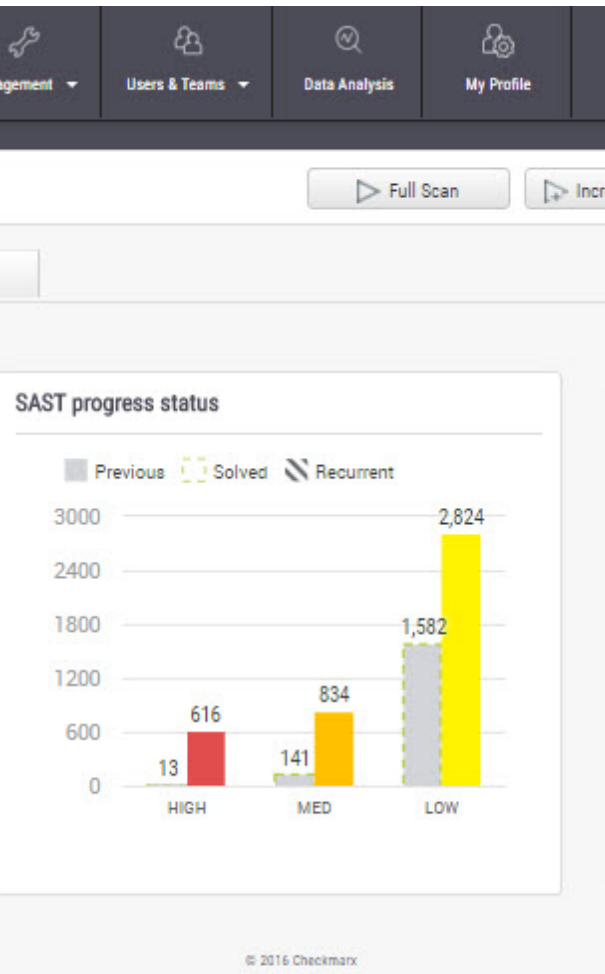
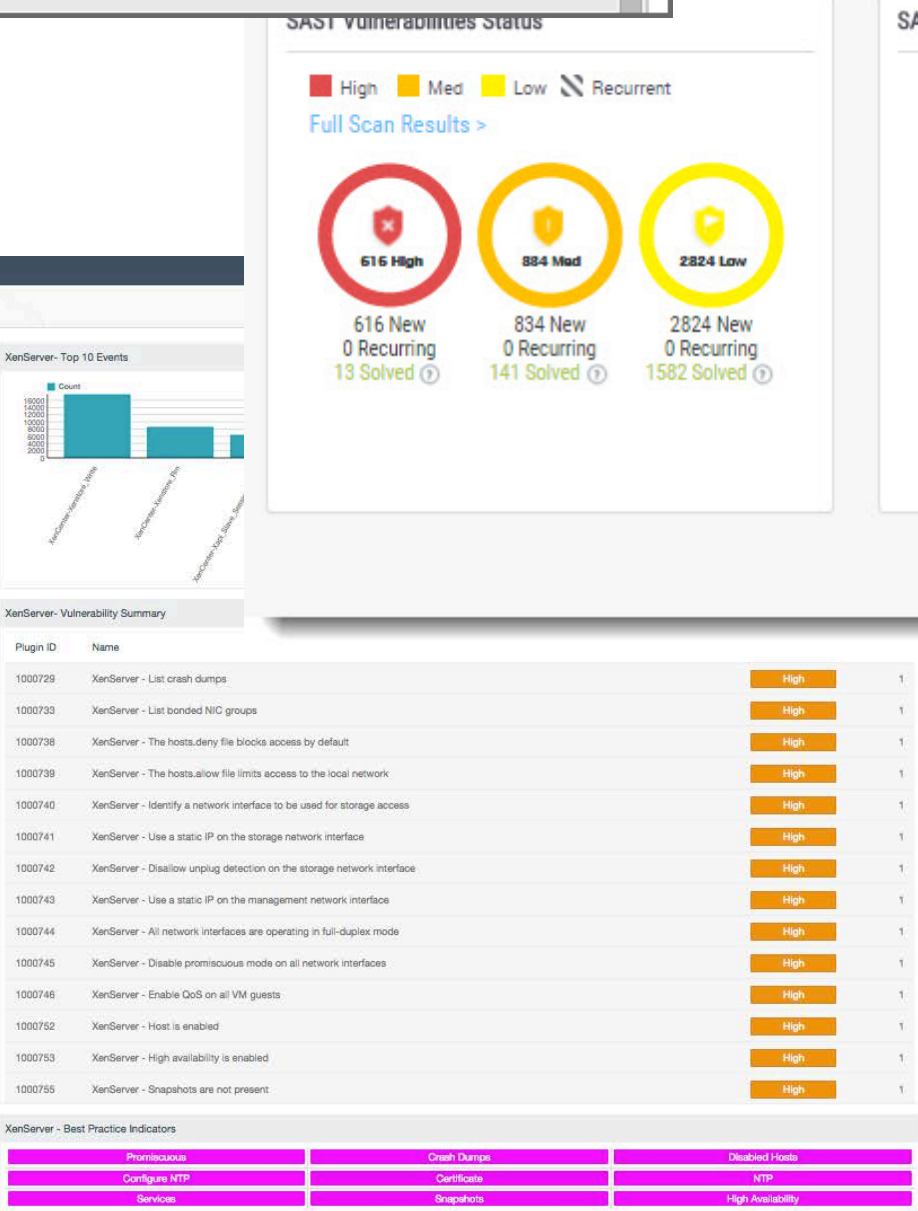
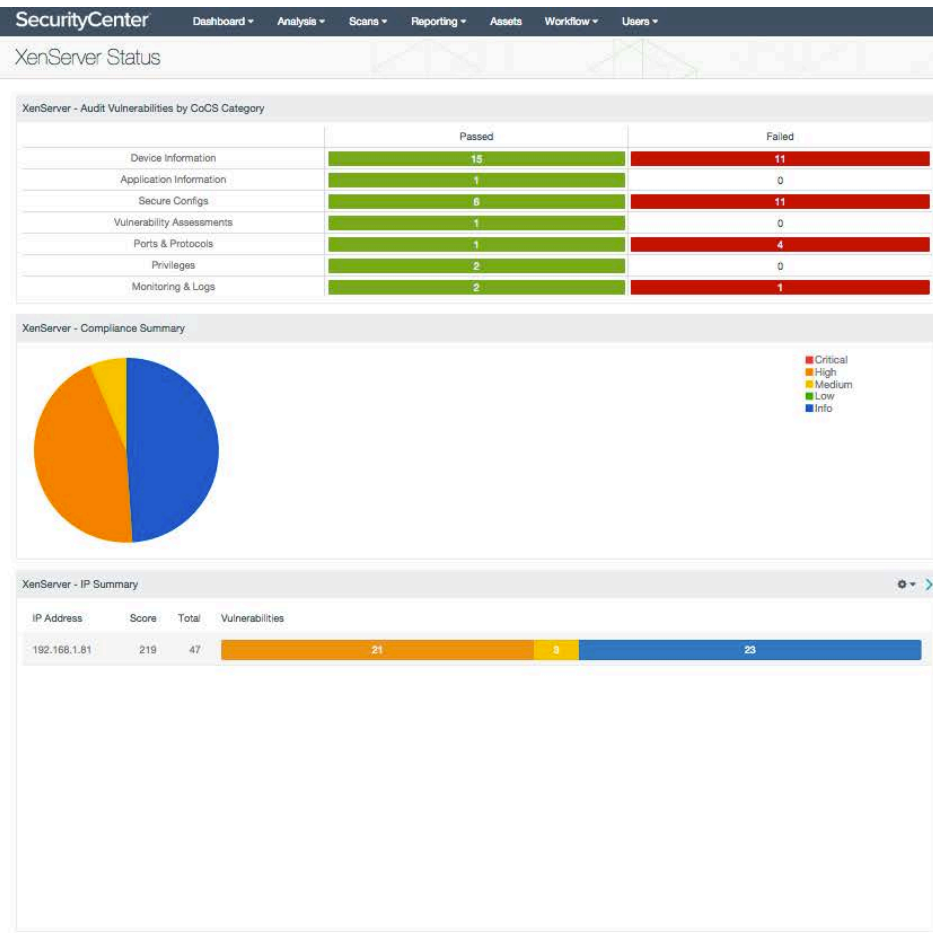
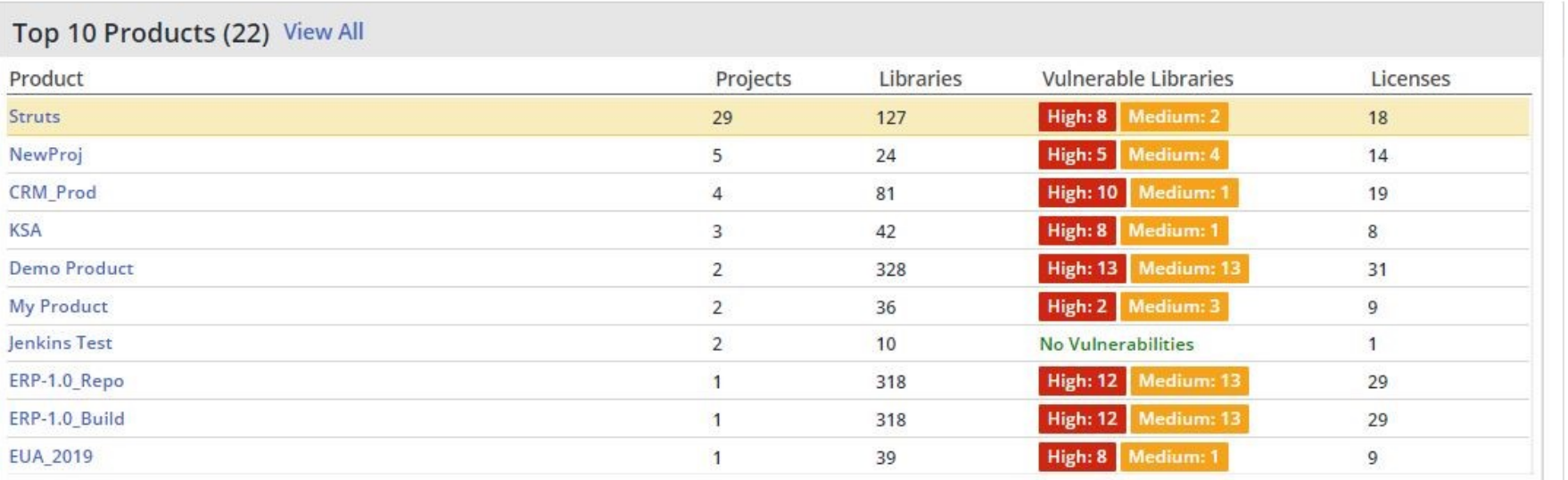
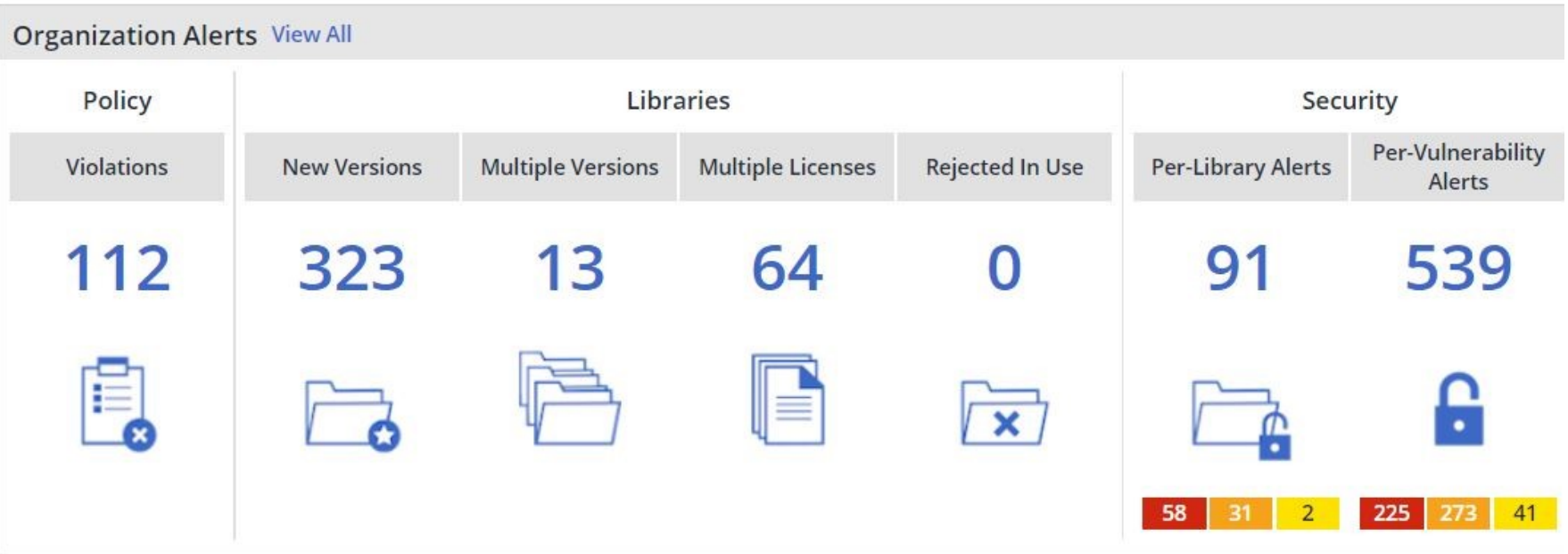
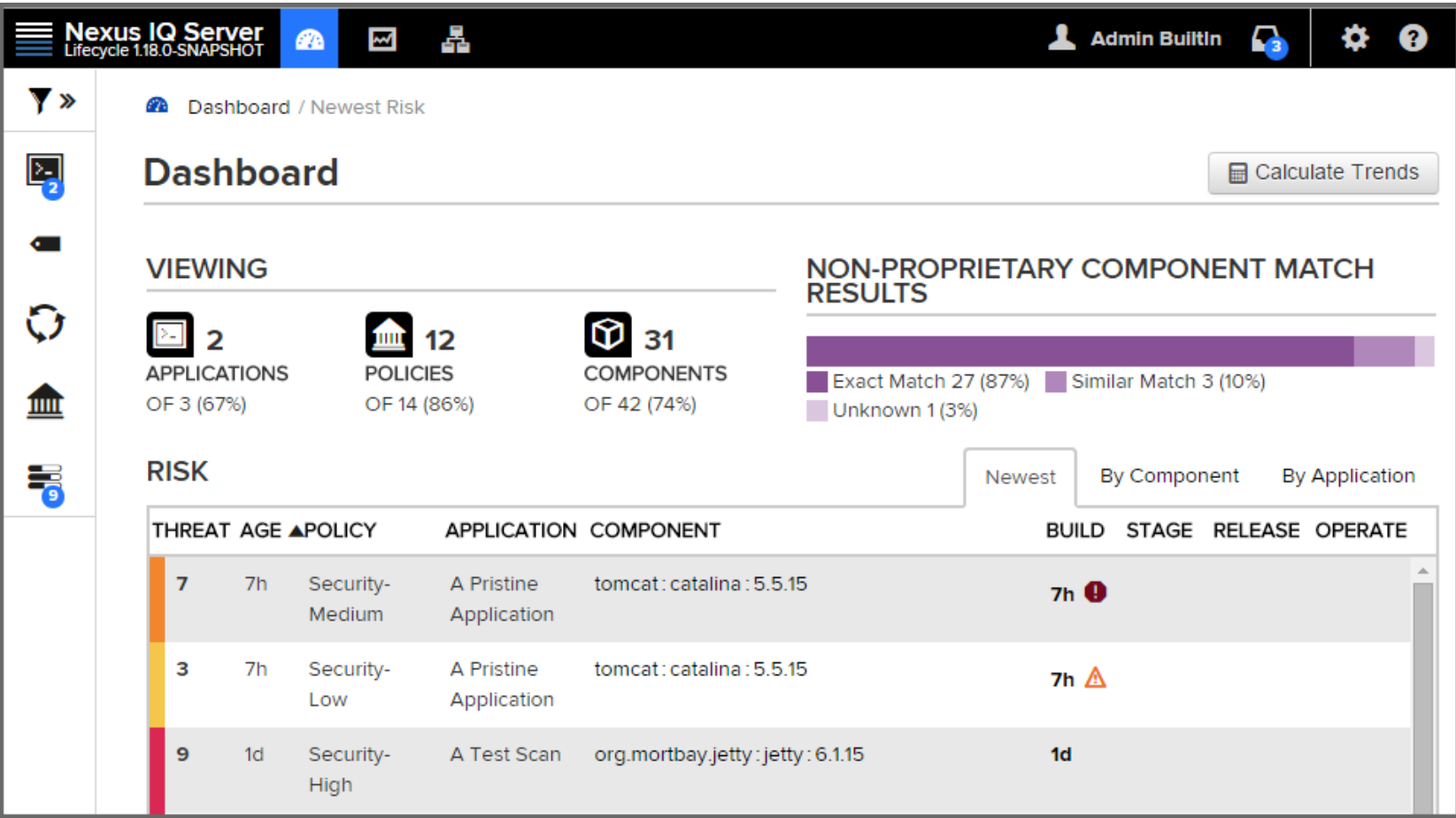
Cloud Security Landscape

NSC42



Fix the problem with technology

The More technologies the more dashboards



Fix the problem with technology

Too many alert
Too little time
Who can you trust?






Total cost of cloud breaches

5 trillion \$

4 trillion GBP

Every min
62K record
disclosed
Record per minute disclosed

258 results over all time

Overlay: None

	time ↕	sourcetype ↕	source ↕	host ↕	raw ↕
1	7/25/12 11:00:34.000 PM	WMI:WinEventLog:Application	WMI:WinEventLog:Application		20120725230034.000000 Category=10 CategoryString=Online Defragmentation EventCode=701 EventIdentifier=701 EventType=3 Logfile=Application RecordNumber=84580
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15	7/25/12 8:00:27.000 PM	WMI:WinEventLog:Application	WMI:WinEventLog:Application		20120725200027.000000 Category=10 CategoryString=Online Defragmentation EventCode=700 EventIdentifier=700 EventType=3 Logfile=Application RecordNumber=84566

XenServer - Vulnerability Summary			
Plugin ID	Name	Severity	Total
1000729	XenServer - List crash dumps	High	1
1000733	XenServer - List bonded NIC groups	High	1
1000738	XenServer - The hosts.deny file blocks access by default	High	1
1000739	XenServer - The hosts.allow file limits access to the local network	High	1
1000740	XenServer - Identify a network interface to be used for storage access	High	1
1000741	XenServer - Use a static IP on the storage network interface	High	1
1000742	XenServer - Disallow unplug detection on the storage network interface	High	1
1000743	XenServer - Use a static IP on the management network interface	High	1
1000744	XenServer - All network interfaces are operating in full-duplex mode	High	1
1000745	XenServer - Disable promiscuous mode on all network interfaces	High	1
1000746	XenServer - Enable QoS on all VM guests	High	1
1000752	XenServer - Hostd is enabled	High	1
1000753	XenServer - High availability is enabled	High	1
1000755	XenServer - Snapshots are not present	High	1
XenServer - Best Practice Indicators			
Promiscuous	Crash Dumps	Disabled Hosts	
Configure NTP	Certificate	NTP	
Services	Snapshots	High Availability	

OWASP Top 10 - Top 10 Indicators			
	System	Vulnerabilities	Exploitable
A1 - Injection	23	142	<div><div></div></div> 65%
A2 - Broken Authentication and Session Management	6	6	<div><div></div></div> 0%
A3 - Cross-Site Scripting (XSS)	11	47	<div><div></div></div> 62%
A4 - Insecure Direct Object Reference	7	19	<div><div></div></div> 63%
A5 - Security Misconfiguration	136	209	<div><div></div></div> 25%
A6 - Sensitive Data Exposure	101	154	<div><div></div></div> 75%
A7 - Missing Function Level Access Controls	7	16	<div><div></div></div> 56%
A8 - Cross-Site Request Forgery (CSRF)	1	1	<div><div></div></div> 100%
A9 - Using Known Vulnerable Components	0	0	<div><div></div></div> 0%
A10 - Unvalidated Redirects and References	0	0	<div><div></div></div> 0%
Last Updated: 3 minutes ago			

OWASP Top 10 - Web App Result Indicator	
Injection	Overflow
SSL	Error Handling
CGI Generic	XSS
High Web Vulns	Critical Web Vulns

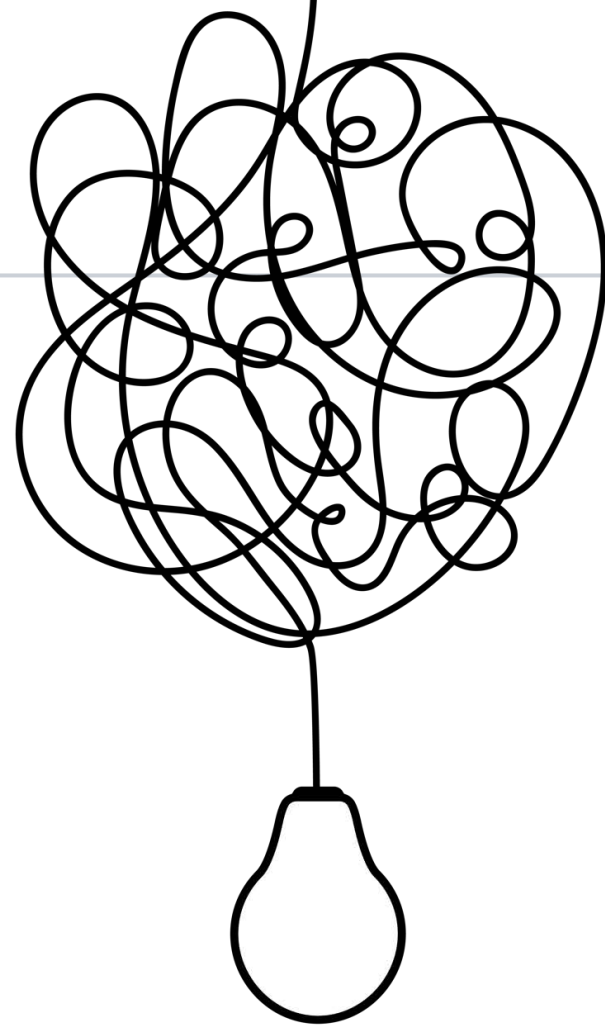
Last Updated: 3 minutes ago

OWASP Top 10 - Web Events	
Web Intrusion	Web Threatlist
Web Stats	Long Term Web Error Activity
NNM Detected Web Error	NNM Detected Web Access
Apache Web Error	Apache Web Access
IIS Web Error	IIS Web Access

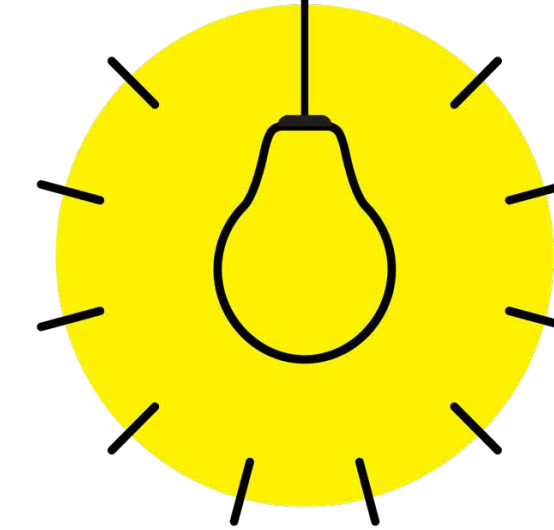
Last Updated: 3 minutes ago

Top 10 Products (22) View All				
Product	Projects	Libraries	Vulnerable Libraries	Licenses
Struts	29	127	High: 8 Medium: 2	18
NewProj	5	24	High: 5 Medium: 4	14
CRM_Prod	4	81	High: 10 Medium: 1	19
KSA	3	42	High: 8 Medium: 1	8
Demo Product	2	328	High: 13 Medium: 13	31
My Product	2	36	High: 2 Medium: 3	9
Jenkins Test	2	10	No Vulnerabilities	1
ERP-1.0_Repo	1	318	High: 12 Medium: 13	29
ERP-1.0_Build	1	318	High: 12 Medium: 13	29
EUA_2019	1	39	High: 8 Medium: 1	9

Our Solution



Trust & Clarity



Too many vendors

Too many alerts &
dashboards

Too much confusion &
overwhelm

Not enough skilled
expertise

Single view and report

Report and vulnerabilities
explained by experts

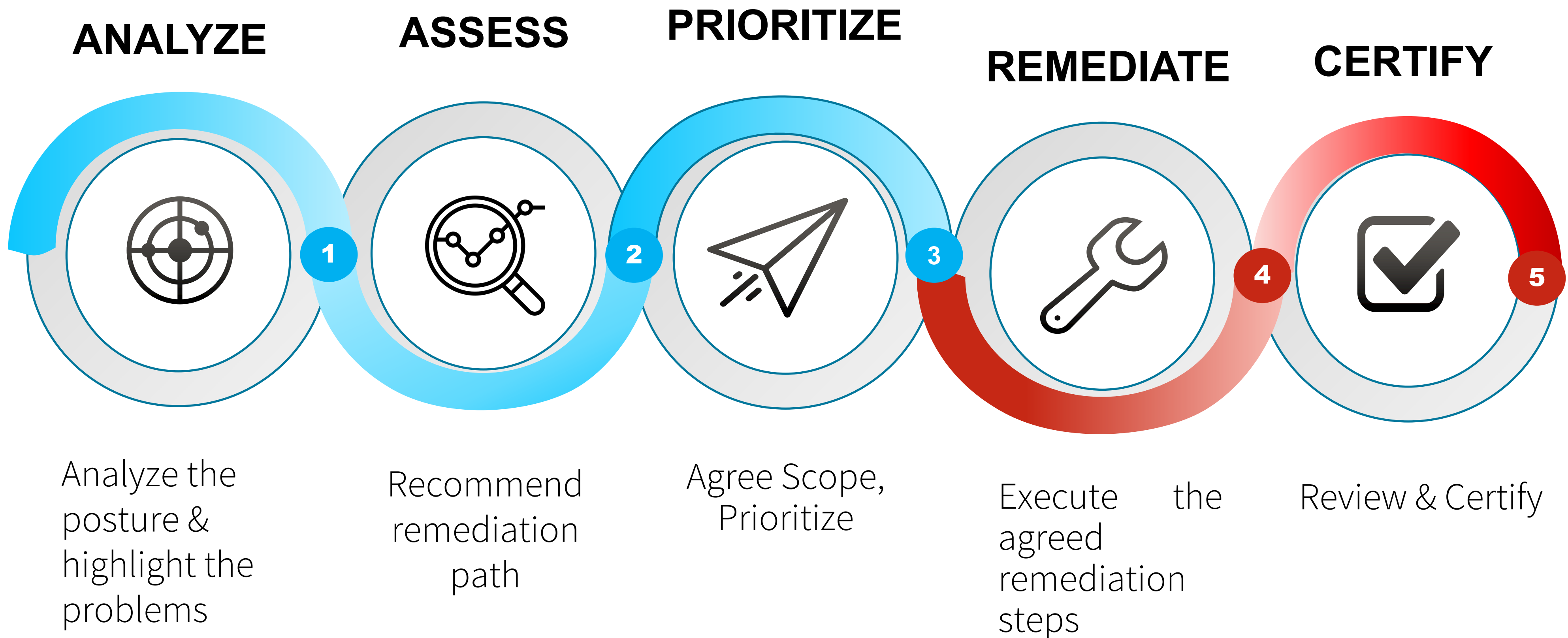
Consultancy from recognized
cyber experts

Training and consultancy

A validated methodology across our services

Your Protection is Our Success

OUR METHOD: AAP-RC



Customer Journey – Cloud Security Assessments

Initial
Assessment

Unknown Security
Posture

Initial Call

Size of
Assessment

Base Assessment

Bronze

Service Tier

Silver

Silver

Bronze +

Cloud Assessment
Actioned &
Resolved

Agree on
Vulnerabilities to
be resolved

Cloud Assessment
Walkthrough

Gold (MSSP)

Gold (MSSP)

AD-HOC

Agree on services
to be secured
(MSSP)

Onboard Client on
the security
Platform

Agree on the

**Managed
Services**

Our Other Services

We believe in an all rounded set of services built on the need of our clients over the years and recognized by the Cloud Security Alliance.

What differentiates our company from other consultancies is that we do what we love and are customer focused.

Our company goes the extra mile in order to deliver solutions that are fit for purpose, effective and cost-effective for your organization's risks appetite.

We offer a range of products within cybersecurity.



VCISO/INTERIM CISO



CYBER SECURITY STRATEGY



CYBER SECURITY CONSULTANCY



CLOUD SECURITY



TRAINING/COACHING & EDUCATION



APPSEC/DEVSECOPS CONSULTANCY

Contacts

NSC42

WHEN YOU ARE CYBERSAFE WE ARE CYBERHAPPY

Thank you
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