

CYBERWARRIOR

Detect. Fight. Defeat.



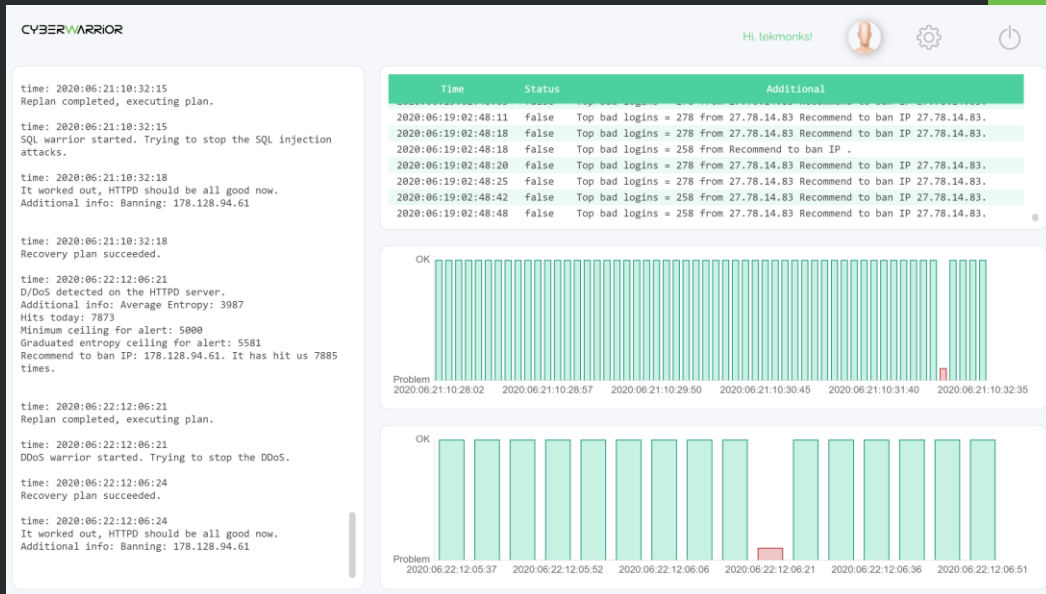
What is CyberWarrior

CyberWarrior is an AI expert system to defend against cyberattacks.

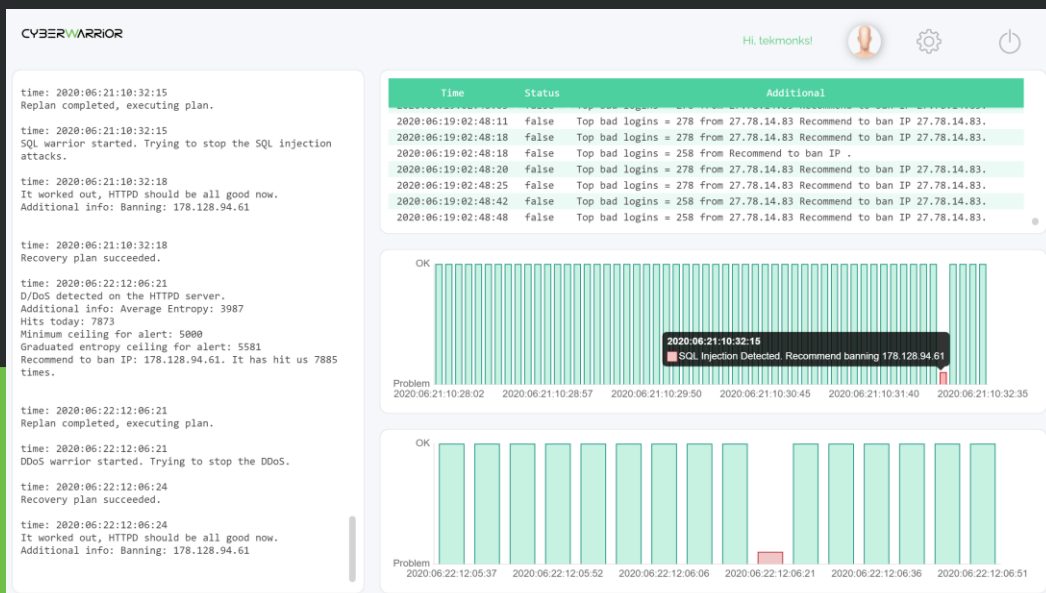
It is the world's only *Active* Cyber defense expert system capable of handling such incidents.

- Built in universal SIEM for collecting logs from any system – HTTP servers, OS logs, Syslog, etc.
- Rules and AI based correlation engine to correlate the logs into actionable insights.
- SOC dashboard for visual dashboards and alerts.
- AI agents capable to independent action to stop cyberattacks by sending admin commands to firewalls, operating systems, and other devices.

CyberWarrior stops more than 2 million active cyber attacks every month, from sophisticated malware to automated HTTP attack scripts, to SQL injection attacks for one of the world's largest e-retailers.



Password Attack Example



SQL Injection Example

SIEM

Capabilities

From low level OS logs, to mid-level network logs, to the highest level application logs.

- Universal log processor – supports most popular OS, software stacks out of the box.
- SIEM dashboard for visual dashboards.
- Alerting engine – SMS, WhatsApp, Slack, Email as supported alert channels.

Capable of handling millions of alerts an hour and distilling them into actionable insights or alerts.

Time	Status	Additional
2020:06:19:02:48:11	false	Top bad logins = 278 from 27.78.14.83 Recommend to ban IP 27.78.14.83.
2020:06:19:02:48:18	false	Top bad logins = 278 from 27.78.14.83 Recommend to ban IP 27.78.14.83.
2020:06:19:02:48:18	false	Top bad logins = 258 from Recommend to ban IP .
2020:06:19:02:48:20	false	Top bad logins = 278 from 27.78.14.83 Recommend to ban IP 27.78.14.83.
2020:06:19:02:48:25	false	Top bad logins = 278 from 27.78.14.83 Recommend to ban IP 27.78.14.83.
2020:06:19:02:48:42	false	Top bad logins = 258 from 27.78.14.83 Recommend to ban IP 27.78.14.83.
2020:06:19:02:48:48	false	Top bad logins = 258 from 27.78.14.83 Recommend to ban IP 27.78.14.83.

What is an AI Expert System?

World of Computing defines an expert system as an “artificial intelligence program that has expert-level knowledge about a particular domain and knows how to use its knowledge to respond properly.”

Benefits to End Users

- Provides expert level knowledge and actions.
- Improved quality of decision making.
- Significant reduction in operating costs and increases in efficiency.

Cyberwarrior is an expert system designed to handle cyberattacks by continuous monitoring and deploying human-like AI agents to act on the alerts independently, to stop active attacks.

Active Cyberdefense

World's first Cyberdefense Expert System

Cyberwarrior includes AI Expert System agents designed to actively fight off cyberattacks. Active Defense Packs include knowledgebase and AI agents to implement active cyber defense.

1

Universal log processor – supports most popular OS, software stacks out of the box.

2


SIEM dashboard for visual dashboards.

3

Alerting engine – SMS, WhatsApp, Slack, Email as supported alert channels.



Cyberwarrior doesn't just monitor – but actively takes action to stop cyberattacks using AI Agents.



```
time: 2020:06:21:10:32:15
SQL warrior started. Trying to stop the SQL injection
attacks.

time: 2020:06:21:10:32:18
It worked out, HTTPD should be all good now.
Additional info: Banning: 178.128.94.61

time: 2020:06:21:10:32:18
Recovery plan succeeded.

time: 2020:06:22:12:06:21
D/DoS detected on the HTTPD server.
Additional info: Average Entropy: 3987
Hits today: 7873
Minimum ceiling for alert: 5000
Graduated entropy ceiling for alert: 5581
Recommend to ban IP: 178.128.94.61. It has hit us 7885
times.

time: 2020:06:22:12:06:21
Replan completed, executing plan.

time: 2020:06:22:12:06:21
DDoS warrior started. Trying to stop the DDoS.

time: 2020:06:22:12:06:24
Recovery plan succeeded.

time: 2020:06:22:12:06:24
It worked out, HTTPD should be all good now.
Additional info: Banning: 178.128.94.61
```

Produced/Printed in the UK 05/07

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PATENTS: US Patent Pending

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Kemp House, 152 City Road
London. EC1V 2NX. UK.

