



The Future of Secure Data with AI + Cyber

Agenda

Enterprise AI projects drive thirst for up-to-date data

For AI safety, enterprises need to focus on API and cyber security

Tips in 2024 to deliver reliable API Security in the AI era

Bio

Ex-hacker, leading API strategist, with 500K+ YouTube subs

Equips enterprises with the API, security solutions in the age of AI

25+ years of enterprise-class API, integration expertise



Brenton House

Vice President,
Digital Evangelism



THE FUTURE OF SECURE DATA WITH AI + CYBER.

IS THERE A FUTURE FOR SECURE DATA?



WHO IS THIS GUY?

BRENTON HOUSE

25+ YEARS IN TECH.

EX-HACKER.

DEVELOPER.

YOUTUBER.

STRATEGIST.

VP DIGITAL EVANGELISM
SOFTWARE AG





\$4.45 MILLION



800+ MILLION



500+ MILLION



400+ MILLION



56+ MILLION



15+ MILLION



10+ MILLION



4+ MILLION

CYBER ATTACK



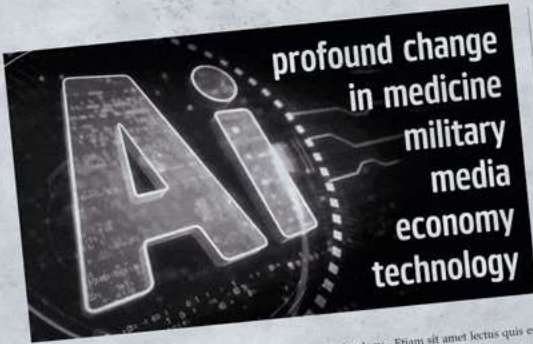
DIGITAL TECHNOLOGY

FUTURISTIC REVIEW

No.349/16#061023/026

News and Information Publishing House

AI revolution



Profound change in medicine military media economy technology - Etiam sit amet lectus quis est congue mollis. Phasellus congue lacus eget neque. Phasellus ornare, ante vitae consetetur conseqat, purus sapien ultricies dolor, et mollis pede metus eget nisi. Praesent sodales velit quis augue. Lorem ipsum dolor sit amet, consetetur adipiscing elit and business. Proin nibh augue, suscipit a, scelerisque sed, lacinia in, mi.

Finance - Cras vel lorem. Etiam pellentesque aliquet tellus. Phasellus pharetra nulla ac diam. Quisque semper justo at risus. Donec venenatis, turpis vel hendrerit interdum, dui ligula ultricies purus, sed posuere libero dui id orci. Nam congue, pede vitae dapibus aliquet, elit magna vulputate arcu, vel tempus metus leo non est. Etiam sit amet lectus quis est congue mollis.

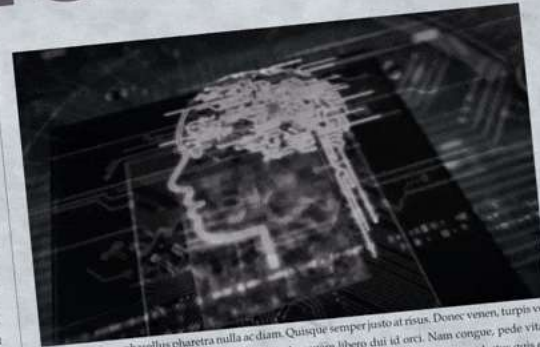
Phasellus congue lacus eget neque. Phasellus ornare, ante vitae consetetur conseqat, purus sapien ultricies dolor, et mollis pede metus eget nisi. Praesent sodales velit quis augue. Cras suscipit, urna at

Near future: Artificial General Intelligence

Near future: Artificial General Intelligence - dolor sit amet, consetetur adipiscing elit. Proin nibh augue, suscipit a, scelerisque sed, lacinia in, mi. Cras vel lorem. Etiam pellentesque aliquet tellus. Phasellus pharetra nulla ac diam. Quisque semper justo at risus. Donec venenatis, turpis vel hendrerit interdum, dui ligula ultricies purus, sed posuere libero dui id orci. Nam congue, pede vitae dapibus aliquet, elit magna vulputate arcu, vel tempus metus leo non est. Etiam sit amet lectus quis est congue mollis. Phasellus congue lacus eget neque. Praesent sodales velit quis augue. Cras suscipit, urna at aliquam rhoncus, urna quam viverra nisi, in interdum massa nibh nec erat. Lorem ipsum dolor sit amet, consetetur adipiscing elit. Proin nibh augue, suscipit a, scelerisque sed, lacinia in, mi.

Cras vel lorem. Etiam pellentesque aliquet tellus. Phasellus pharetra nulla ac diam. Quisque semper justo at risus. Donec venenatis, turpis vel hendrerit interdum, dui ligula ultricies purus, sed posuere libero dui id orci. Phasellus ornare, ante vitae consetetur conseqat, purus sapien ultricies dolor, et mollis pede metus eget nisi.

Nam congue, pede vitae dapibus aliquet, elit magna vulputate arcu, vel tempus metus leo non est. Etiam sit amet lectus quis est congue mollis. Phasellus congue lacus eget neque. Phasellus ornare, ante vitae consetetur conseqat, purus sapien ultricies dolor, et mollis pede metus eget nisi. Praesent sodales velit quis augue. Cras suscipit, urna at aliquam rhoncus, urna quam viverra nisi, in interdum massa nibh nec erat. Lorem ipsum dolor sit amet, consetetur adipiscing elit. Proin nibh augue, suscipit a, scelerisque sed, lacinia in, mi. Cras vel lorem. Etiam pellentesque aliquet

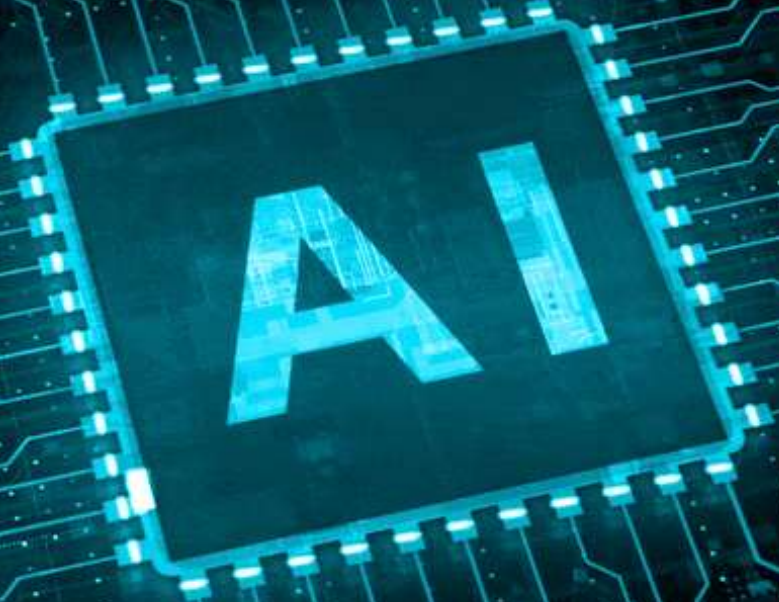


AI revolution - phasellus pharetra nulla ac diam. Quisque semper justo at risus. Donec venenatis, turpis vel hendrerit interdum, dui ligula ultricies purus, sed posuere libero dui id orci. Nam congue, pede vitae dapibus aliquet, elit magna vulputate arcu, vel tempus metus leo non est. Etiam sit amet lectus quis est congue mollis. Phasellus congue lacus eget neque. Phasellus ornare, ante vitae consetetur conseqat, purus sapien ultricies dolor, et mollis pede metus eget nisi. Praesent sodales velit quis augue. Cras suscipit, urna at aliquam rhoncus, urna quam viverra nisi, in interdum massa nibh nec erat.

>Lorem ipsum dolor sit amet, consetetur adipiscing elit. Proin nibh augue, suscipit a, scelerisque sed, lacinia in, mi. Cras vel lorem. Etiam pellentesque aliquet tellus. Phasellus pharetra nulla ac diam. Quisque semper justo at risus. Donec venenatis, turpis vel hendrerit interdum, dui ligula ultricies purus, sed posuere libero dui id orci. Nam congue, pede vitae dapibus aliquet, elit magna vulputate arcu, vel tempus metus leo non est. Etiam sit amet lectus quis est congue mollis. Phasellus congue lacus eget neque. Phasellus ornare, ante vitae consetetur conseqat, purus sapien ultricies dolor, et mollis pede metus

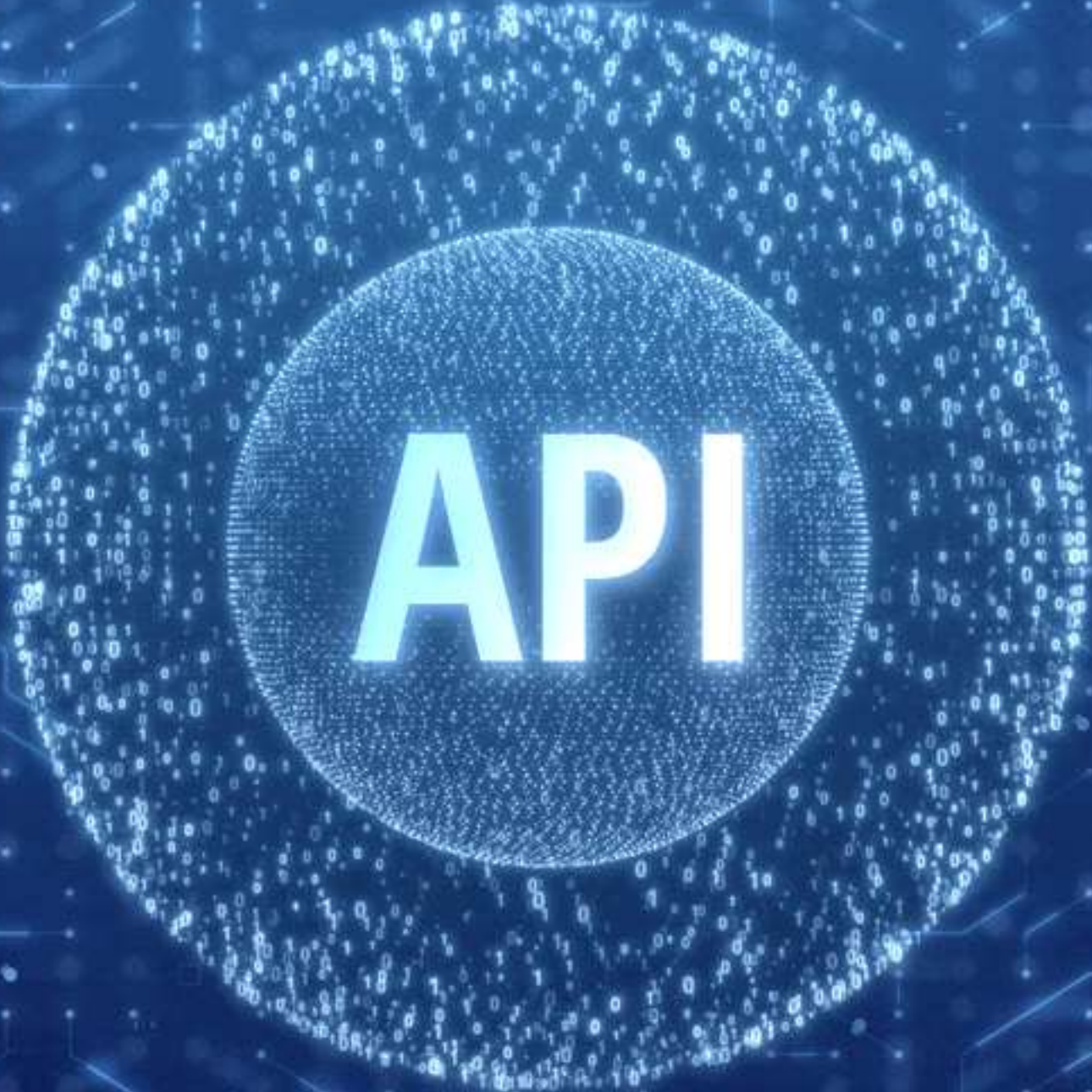


Generative AI



ME WANTS YOUR DATA



A large, glowing blue circle composed of binary code (0s and 1s) is centered on the slide. Inside this circle is a smaller, solid blue circle. The letters "API" are written in a bold, white, sans-serif font in the center of the solid blue circle. The background of the entire slide is a dark blue with a pattern of glowing blue lines and dots, resembling a circuit board or a digital network.

API



USER IDS.

USER IDS. INSTRUCTOR IDS.

USER IDS. INSTRUCTOR IDS **GROUP MEMBERSHIP.**

USER IDS.
INSTRUCTOR IDS
GROUP MEMBERSHIP
LOCATION.

USER IDS.
INSTRUCTOR IDS.
GROUP MEMBERSHIP.
LOCATION.
WORKOUT STATS.

USER IDS.
INSTRUCTOR IDS.
GROUP MEMBERSHIP.
LOCATION.
WORKOUT STATS.
GENDER AND AGE.

**USER IDS.
INSTRUCTOR IDS.
GROUP MEMBERSHIP.
LOCATION.
WORKOUT STATS.
GENDER AND AGE.
AND MORE.**

THE PELOTON TIMELINE.

1

VULNERABILITY DISCOVERED.

- 1 **VULNERABILITY DISCOVERED.**
- 2 **VULNERABILITY REPORTED.**

- 1 VULNERABILITY DISCOVERED.
- 2 VULNERABILITY REPORTED.
- 3 - NOTHING -

- 1 VULNERABILITY DISCOVERED.
- 2 VULNERABILITY REPORTED.
- 3 - NOTHING -
- 4 VULNERABILITY “FIXED”.**

- 1 VULNERABILITY DISCOVERED.
- 2 VULNERABILITY REPORTED.
- 3 - NOTHING -
- 4 VULNERABILITY "FIXED".
- 5 **PRESS INFORMED.**

- 1 VULNERABILITY DISCOVERED.
- 2 VULNERABILITY REPORTED.
- 3 - NOTHING -
- 4 VULNERABILITY "FIXED".
- 5 PRESS INFORMED.
- 6 APIS SECURED.**

- 1 VULNERABILITY DISCOVERED.
- 2 VULNERABILITY REPORTED.
- 3 - NOTHING -
- 4 VULNERABILITY "FIXED".
- 5 PRESS INFORMED.
- 6 APIS SECURED.
- 7 PUBLIC ACKNOWLEDGMENT.**



MIND THE GAP.



YOU.

VS

AI.

IS THIS YOUR DATA?

HACKERS + AI + YOUR DATA.

A close-up, top-down view of a washing machine drum. The drum is filled with water, suds, and various pieces of laundry in shades of white, blue, and red. The motion of the drum creates a blurred, swirling effect. Overlaid on the right side of the image is the text 'HACKERS + DIRTY LAUNDRY?' in a bold, white, sans-serif font. The plus sign and the question mark are highlighted in a bright green color.

HACKERS + DIRTY LAUNDRY?



75%



13,137,301,752



OWASP API SECURITY TOP 10

BROKEN OBJECT LEVEL AUTHORIZATION.

BROKEN AUTHENTICATION

BROKEN OBJECT PROPERTY LEVEL AUTHORIZATION.

UNRESTRICTED RESOURCE CONSUMPTION.

BROKEN FUNCTION LEVEL AUTHORIZATION.

UNRESTRICTED ACCESS TO SENSITIVE BUSINESS FLOWS.

SERVER SIDE REQUEST FORGERY

SECURITY MISCONFIGURATION.

IMPROPER INVENTORY MANAGEMENT.

UNSAFE CONSUMPTION OF APIS



**BROKEN OBJECT LEVEL
AUTHORIZATION.**

BROKEN AUTHENTICATION.

EXCESSIVE DATA EXPOSURE.



NOTHING.

FIERCELY
PROTECT
YOUR APIS.

THE FUTURE OF AI + CYBER .

THE FUTURE
IS HERE.





YOUTUBE.COM/BRENTONHOUSE



BRENTON HOUSE

YOUTUBE.COM/BRENTONHOUSE



Brenton House  · 1st

★ LinkedIn Top Voice 🗨️ { cyber + ai } 🔥 500K+ YouTube Subscribers
| keynote speaker | ex-hacker | digital influencer | #redacted |
#cybersecurity | #apisecurity | #integration

🔮 Top Artificial Intelligence (AI) Voice

Dallas-Fort Worth Metroplex · [Contact info](#)



Software AG



University of Michigan

THANK YOU!



Q&A

For More Information

June 2024



AI Deployment
Virtual Summit



Integrate Anything. Anywhere.
<https://www.softwareag.com>

webMethods AI Resources

Everyone's An Integrator with
webMethods AI

https://www.softwareag.com/en_corporate/platform/integration-apis/webmethods-ai.html

Interactive Demo: Leveraging AI for
Integration with a Super iPaaS

https://www.softwareag.com/en_corporate/resources/application-integration/demo/super-ipaas-ai.html?utm_source=3rd_party_vendor&utm_medium=sponsored&utm_region=hq&utm_campaign=aim_api-intg&utm_subcampaign=stg-2&utm_content=demo_leveraging_ai_idn

The Super iPaaS: A Revolution in AI-
Enabled, Enterprise Integration

https://www.softwareag.com/en_corporate/resources/application-integration/guide/ipaas-ai-enabled-enterprise-integration.html



Integration

Resources™: Compare
Forrester Wave
iPaaS Vendors

https://www.softwareag.com/en_corporate/platform/integration-apis/enterprise-ipaas-forrester.html?utm_source=3rd_party_vendor&utm_medium=sponsored&utm_region=hq&utm_campaign=aim_api-intg&utm_subcampaign=stg-2&utm_content=forrester_wave_ipaas_idn

5 Roadblocks to Integration
Productivity in a Hybrid Cloud World

https://www.softwareag.com/en_corporate/resources/application-integration/wp/five-hybrid-multicloud-roadblocks.html

Guide: Cloud Migration with
Integration

https://www.softwareag.com/en_corporate/resources/api/guide/cloud-migration-guide.html

Free Trial & More

Schedule a Live 1-on-1 Demo

https://www.softwareag.com/en_corporate/platform/integration-apis/webmethods-super-ipaas-demo.html?

Try the #1-Rated webMethods.io iPaaS

https://techcommunity.softwareag.com/en_en/downloads.html

Get Started with Super iPaaS

https://developer.softwareag.com/en/super-ipaas.html?utm_source=internal&utm_medium=ribbon-banner

**More Resources at Software AG's Tech
Community**

<https://tech.forums.softwareag.com/>