



Bug Bounty

Taking away the mystery of community





About Intigriti



SaaS platform connecting **50,000+ ethical hackers** with companies



Continuous vulnerability testing, **pay for results**



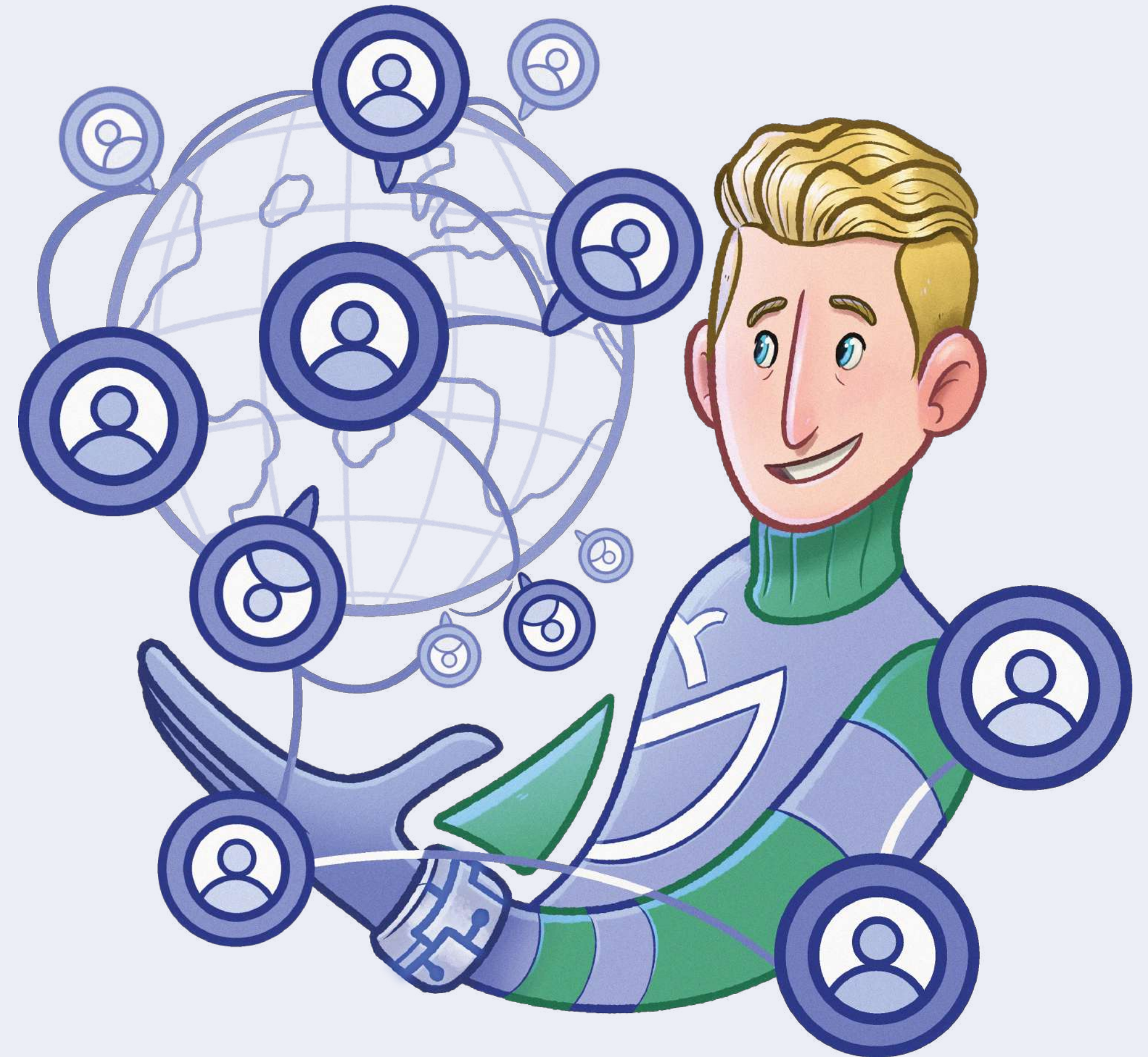
Founded in 2016, offices around the world
EU, UK, Singapore



12 skillsets including web, mobile, open source, IoT, network, hardware ...



300+ bug bounty programs





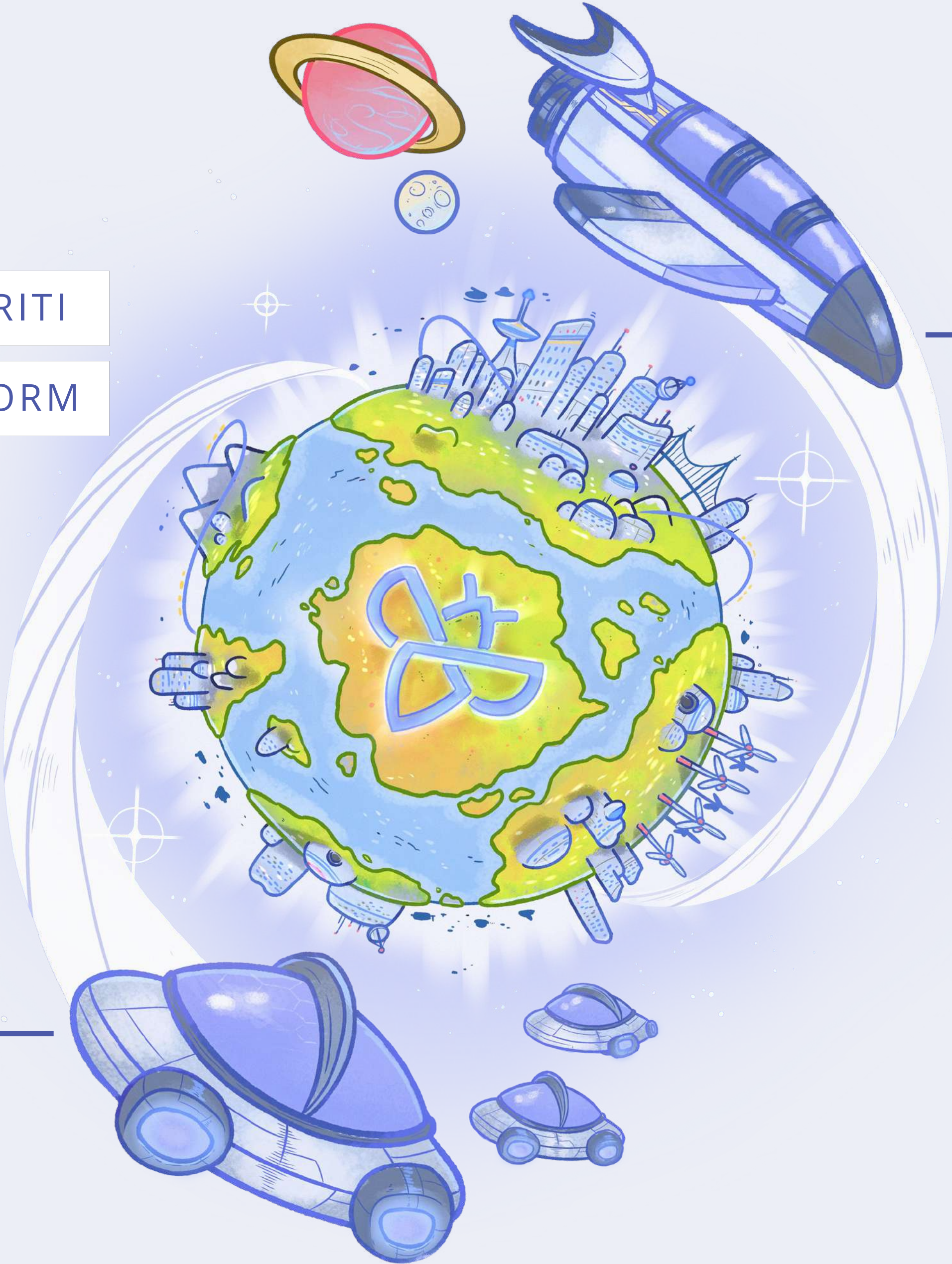
Intigrity

Platform and service

INTIGRITI
PLATFORM

COMPANY

RESEARCHERS



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The bug bounty hunter/huntress:

- Independent security researchers
- Get paid for impact, not for time
- Ad-hoc or Full time
- Mainstream for a decade, growing popularity



First discoverers

Evolving security threats

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Ethical hacking communities are often first discoverers of evolving security threats

Since May 2021, 64% of Intigriti's ethical hackers have encountered a vulnerability they've not previously come across before.



Human creativity for the win!



Fastlane Program

- Drives **innovation** by rewarding security researchers for academic research into new and unknown vulnerabilities.
- Stimulates the **discovery of unique and innovative approaches** among the community.
- Provides companies with **access to security risks before** companies or **competitor platforms learn** about them.



Short term results

Collaboration to reach new heights

53

is the **average number of vulnerabilities** submitted within the first week **after a program launches**.

24h

is how long it takes on average for Intigriti's triage team to **review, and accept or reject a report**.

23%

of our registered ethical hackers submit **at least one report every month**.

37

is the **average number of submissions** that are accepted within the first week **of a program's launch**.

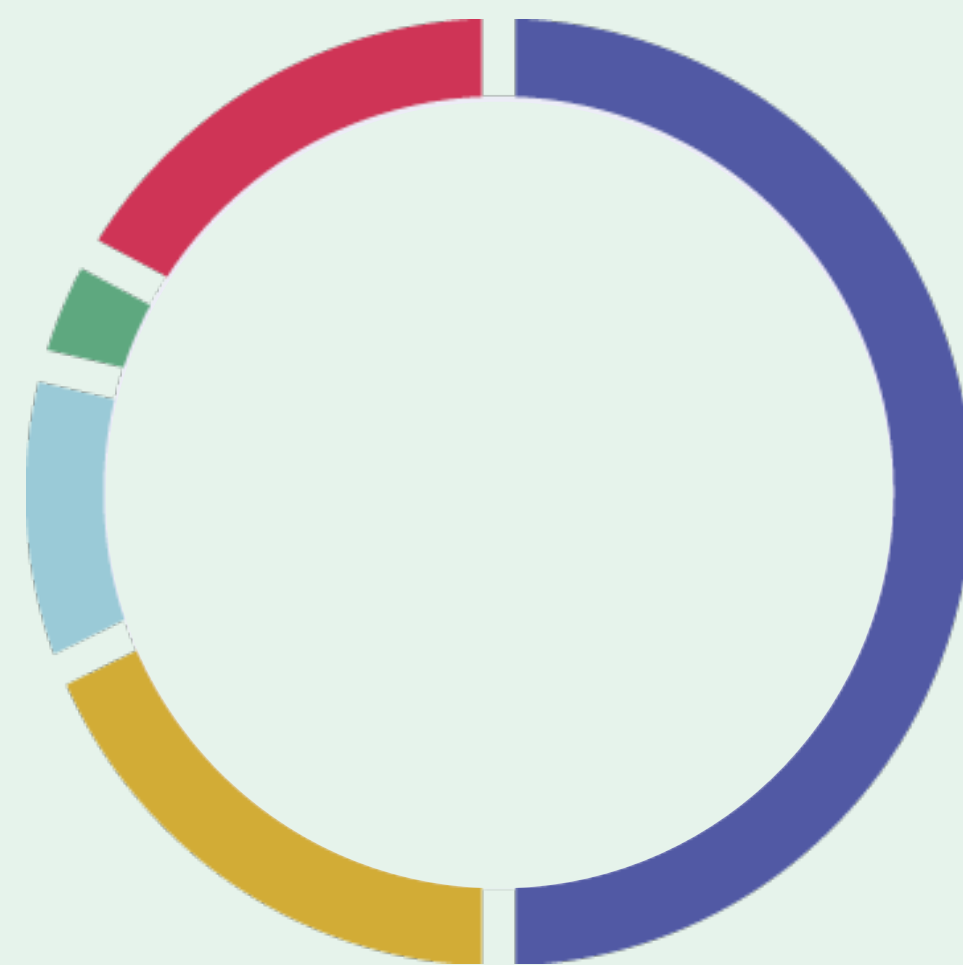
48h

is how long it takes on average for customers to **accept or reject the report (if escalated)**.

71%

of companies get a **high to critical submission within the first 48 hours** of their program launching on Intigriti.

73% of survey respondents fall under the age of 30 years old



Community breakdown by age

4%

18-
years old

19%

18 – 20
years old

50%

21 – 29
years old

20%

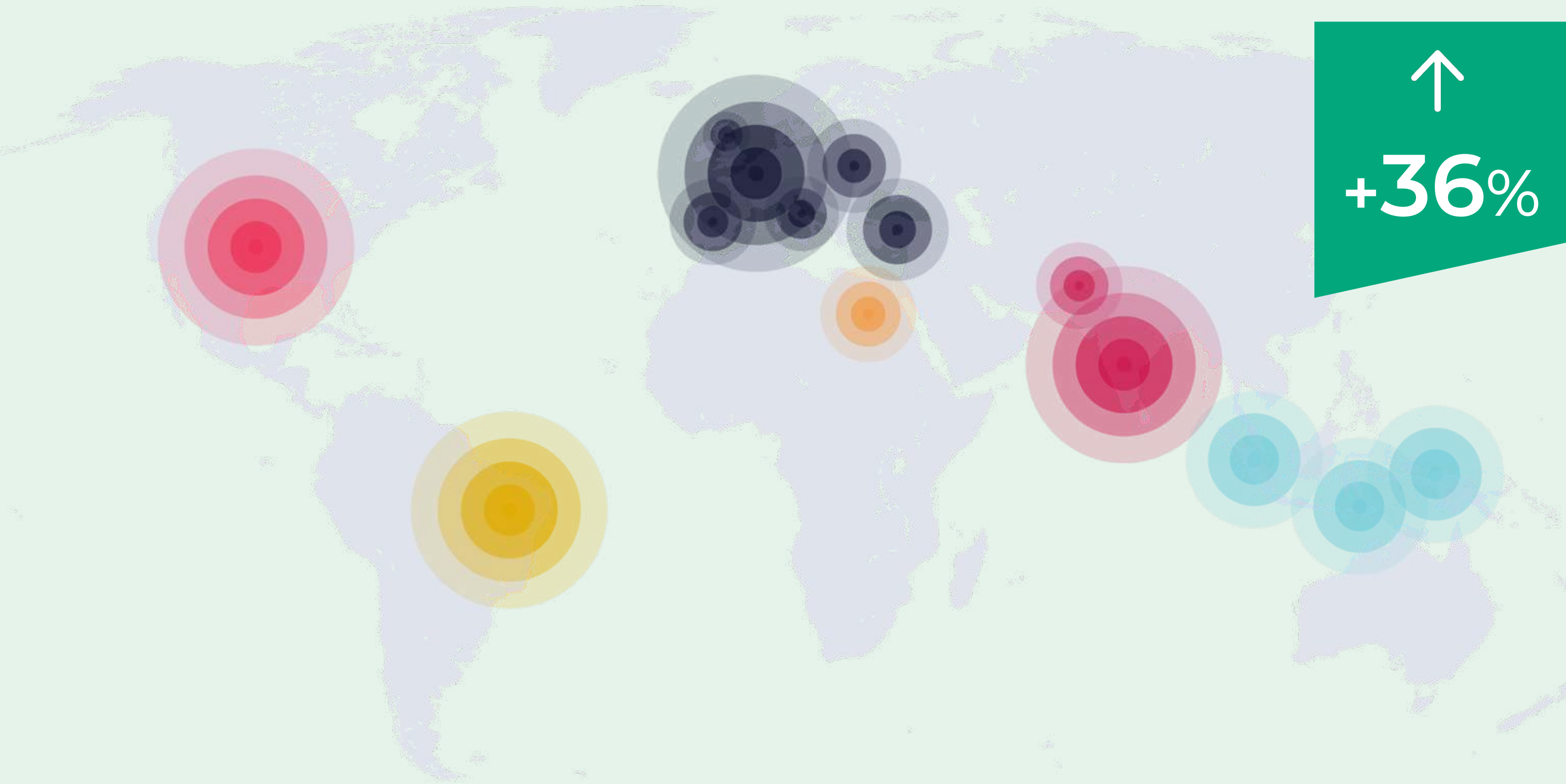
30 – 39
years old

7%

40+
years old

Hacker origins

A global community ensures 24/7 testing



Researcher residency location

- | | |
|--------------------|---------------------|
| 01. India | 06. Germany |
| 02. United States | 07. The Netherlands |
| 03. Belgium | 08. France |
| 04. Brazil | 09. Turkey |
| 05. United Kingdom | 10. Pakistan |



Best performing researchers

- | | |
|---------------------|--------------------|
| 01. Belgium | 06. Germany |
| 02. The Netherlands | 07. Turkey |
| 03. France | 08. Finland |
| 04. India | 09. United Kingdom |
| 05. United States | 10. Vietnam |

The effect of a pandemic on the crowd

Motivations for dedicating more time to BB



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The pandemic drove more infosec talent towards bug bounty platforms

74%

Grow their bug bounty hunting skills

35%

Got better at bug bounty hunting

23%

Say the bug bounty programs have got more interesting

53%

Earn more through bug bounty hunting

32%

More time to dedicate to bug bounty hunting

Bug bounty hunting as a hobby

Embracing remote working

Are full-time bug bounty hunters

14%

Are part-time bug bounty hunters

86%

Spend less than 5 hours per week on bug bounty hunting

40%

Spend 6-20 hours hunting for bugs per week

45%

Have hands-on penetration testing experience

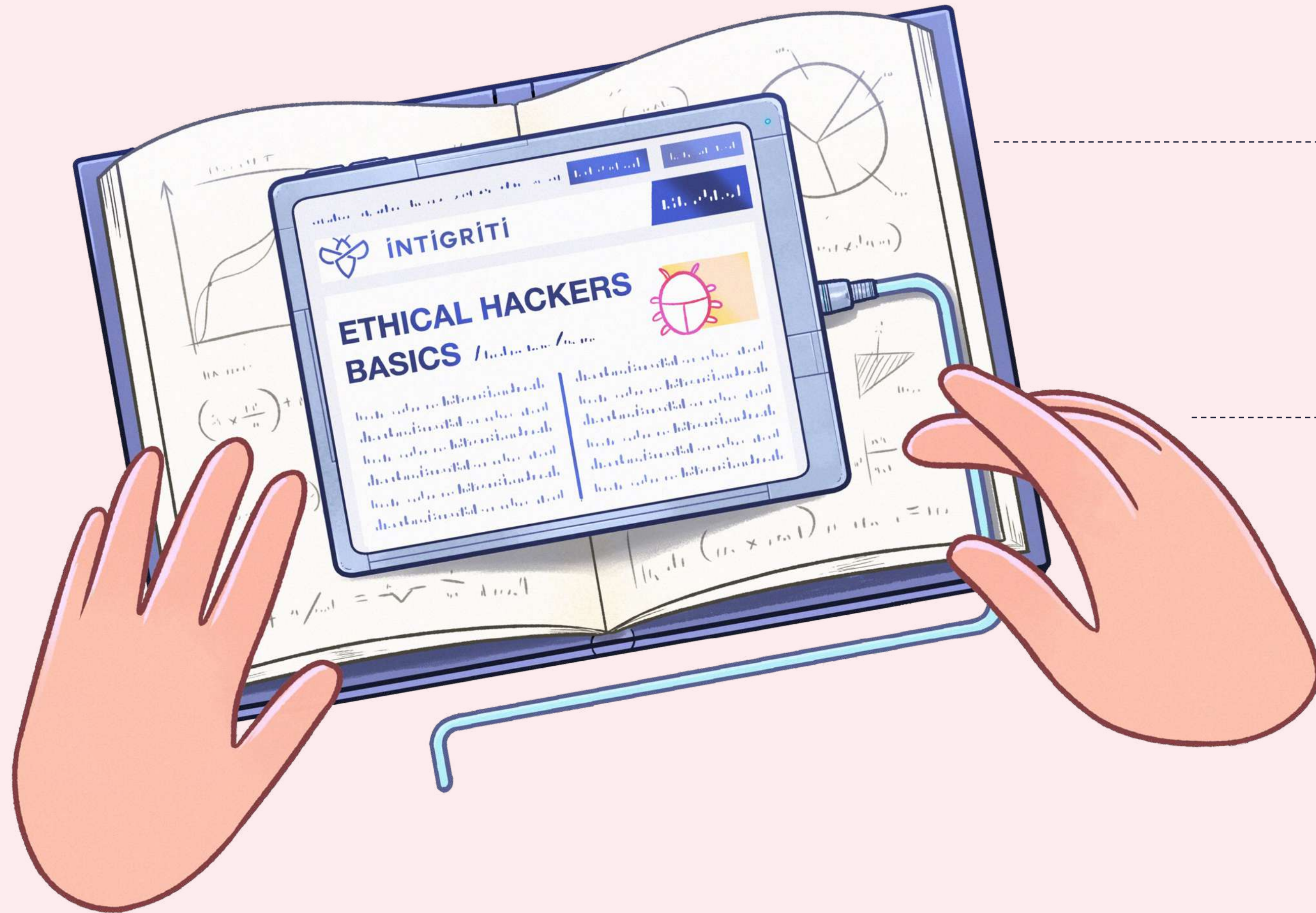
65%

Much of the community (**86%**) define themselves as part-time bug bounty hunters. Just over a fifth (**22%**) of this group get more than a quarter of their total income from bounty pay-outs.



Bug bounty as a career choice

A rising trend



96%

of the community would like to dedicate more time to bug bounty hunting in the future

66%

would consider bug bounty hunting as a full-time career.

95%

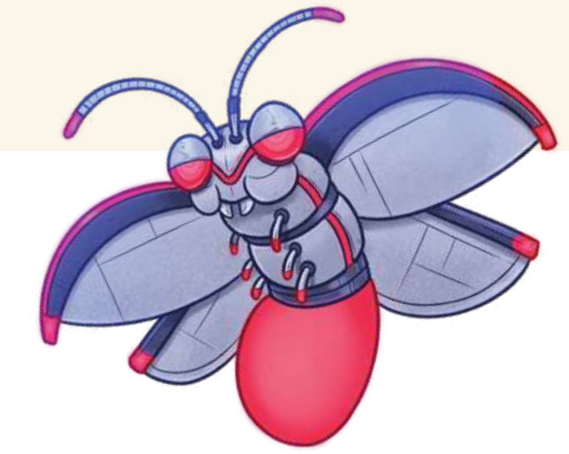
of respondents would (or have already) convinced a friend to take up ethical hacking.

65%

of the community say
they have **hands-on penetration
testing experience**

Bug bounty creates opportunities

Embracing remote working



Strengths of penetration testing,
according to penetration testers

79%

Like that are paid for
their time

v

43%

Like that the time they
put in is time-boxed

Penetration testing

Through the eyes of **pentesters**

88%

of penetration testers also agree or strongly agree that “**a penetration test cannot provide continuous assurance that an organization is secure year-round.**”

Strengths of bug bounty programs,
according to penetration testers

53%

Like that they can earn according
to the impact of their finding

44%

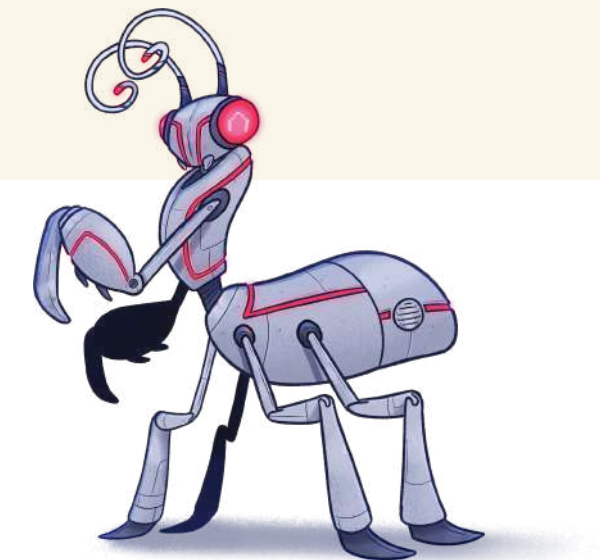
liked that they could choose their
own methodology

46%

Liked that they could choose
their own target

42%

Liked that they could choose when
they want to work



Do they work?

1 in 3 vulnerability disclosures are unsuccessful

Have you ever found a vulnerability in a company without a hacker policy?



Did you report this vulnerability?



Was your report successful?



79%

expect to be paid for
vulnerability reports

33%

prefer working with bug
bounty programs

32%

said they can't be sure the
vulnerability is fixed

.....

More than a quarter (26%) of respondents said they do not work with companies outside of a bug bounty platform

And 23% prefer not to.



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Why don't security researchers work with bug bounty programs outside of a bug bounty platform?

41%

cited it to the
lack of a triage
department

57%

cited it to the **lack**
of a legal
frameworks
existing

42%

said the
processes are
less refined

34%

said the
companies are
too slow to
respond

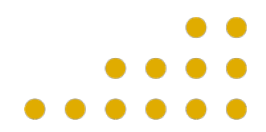
41%

said there is
less support
available

28%

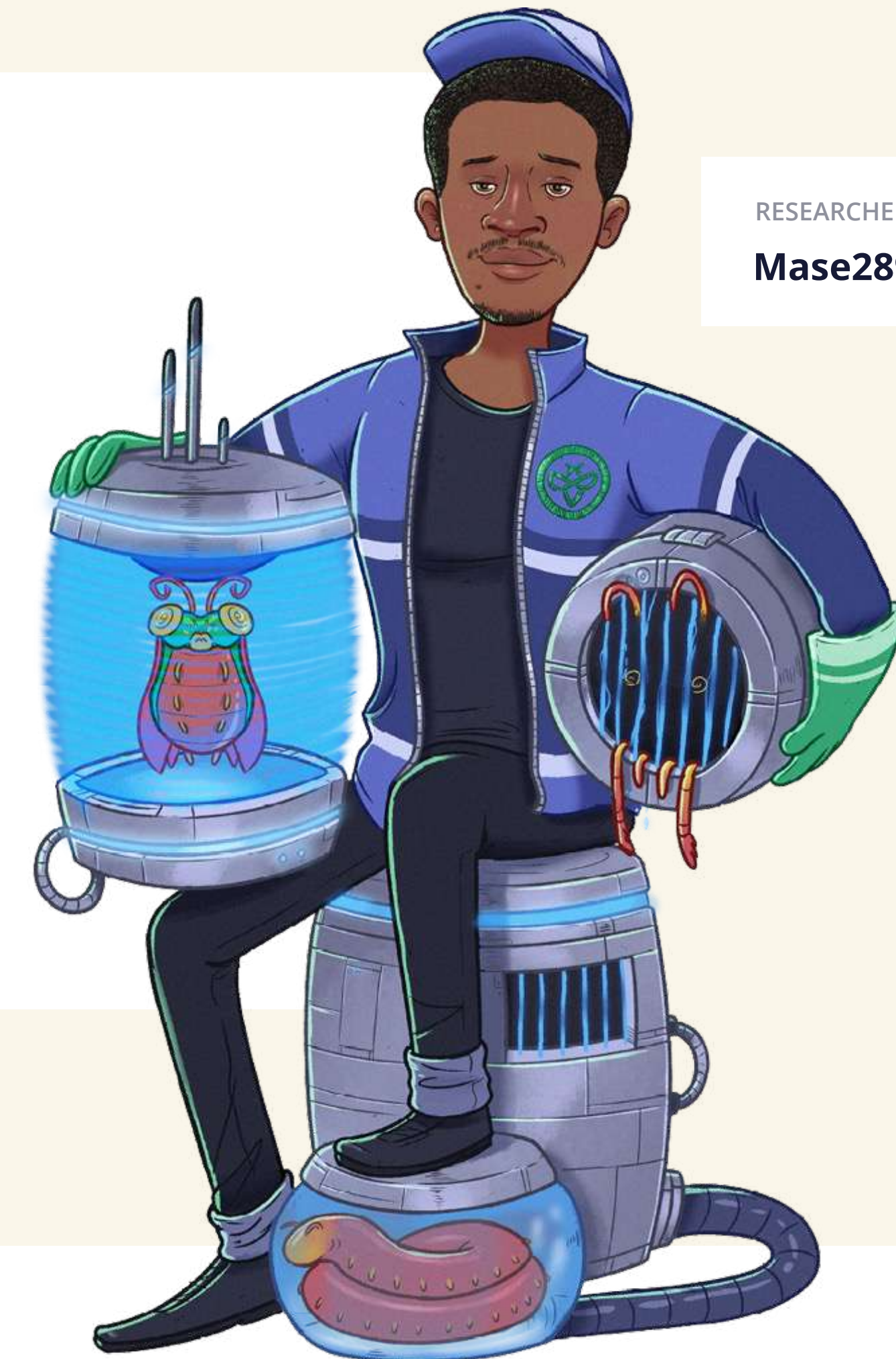
said they **can't be**
sure the vulnerability
is fixed

A new and unique approach to working with our community



Hybrid Pentesting

Combining the **pay for impact** approach of bug bounty programs with the **dedicated resourcing** approach from classic penetration testing.



RESEARCHER
Mase289



What now?

You're in on the secret!

What are your first steps towards crowdsourced co-security?

1. Let's talk!
2. Keep learning

<https://go.intigriti.com/download-my-report>





Thank you for listening!



<https://www.intigrity.com>

