SECURITY INNOVATION

BEST PRACTICES FOR CYBERSECURITY TRAINING SUCCESS

What makes cybersecurity training programs successful and how are organizations defining success?

Ponemon INSTITUTE

The Ponemon Institute surveyed 1,000+ organizations across 17 countries to learn what's working in cybersecurity certification and skills development, what's changed since 2020 and what's driving ROI.

What's Working

Engaging content and realistic simulations

Training content for all skill levels

Executive-level visibility into scores and results

Broad adoption results in higher Security Effectiveness Scores (SES)

## What Does 'Success' Look Like?

Successful training programs...

› Measure proficiency, identify skill gaps and track improvement over time

› Feature the latest threat intelligence and address future vulnerabilities

› Foster cross-organizational excellence and effective collaboration

› Drive adoption and participation with engaging, role-based courses

What's Changed?

Some of the most significant changes since 2020 are in the areas of training format and management. Reality-based training tied to a learner's role is on the rise while in-person training is on the way out. Cybersecurity training is now often part of an on-boarding process and mostly mandatory, with results reported to C-level executives.
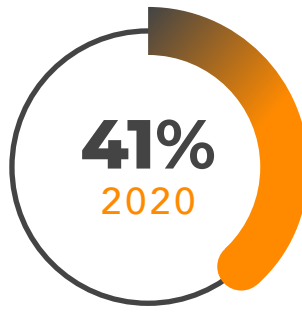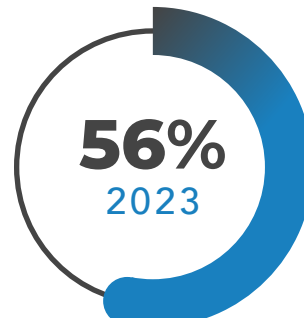
TRAINING INCLUDES REALISTIC SIMULATION
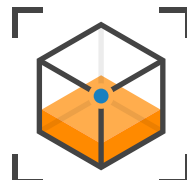
36% 2020
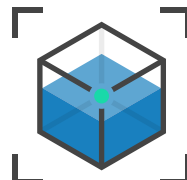
60% 2023

TRAINING IS PART OF THE ON-BOARDING PROCESS

41% 2020

56% 2023

TRAINING CONTENT FITS THE LEARNER'S JOB ROLE
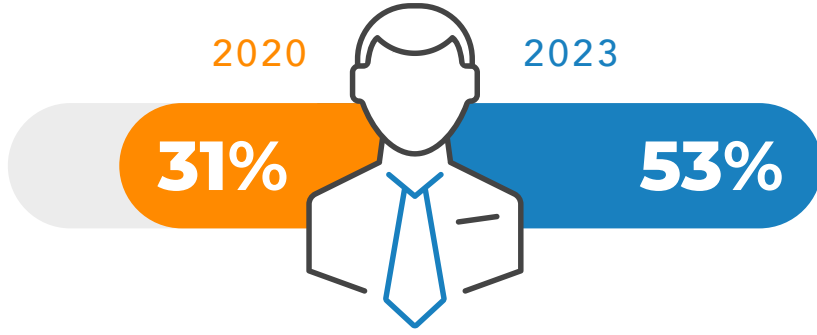
2020 **43%**

2023 **55%**

TRAINING REQUIREMENTS CANNOT BE WAIVED
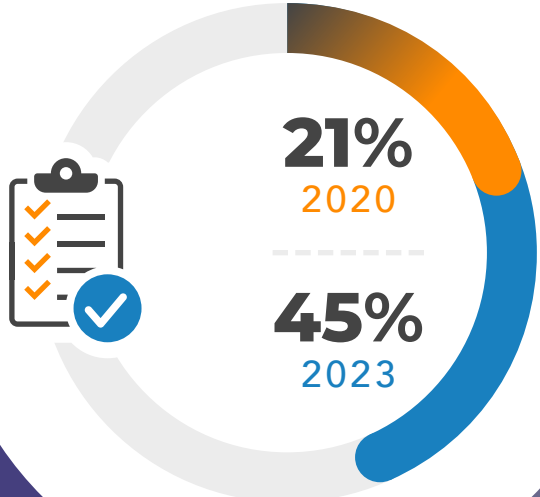
21% 2020

45% 2023

RESULTS ARE REPORTED TO C-LEVEL EXECUTIVES

2020   2023

31%   **53%**

What Does it Cost?

On average, organizations spend **$3.5 million** annually on cybersecurity programs, a **20% increase** over 2020 while large enterprises can spend up to **$6 million** annually.

80%

of the organizations surveyed had some form of training for their cybersecurity teams and programs featuring realistic simulations and role-based training were the most effective. With significant amounts being invested in cybersecurity training, program effectiveness and ROI are top priorities. **To learn more about the Ponemon Institute findings download the full report** here.

SECURITY INNOVATION