
Layer 8 Security, Cyber Escape Rooms

Layer 8 Security has developed the first, automated, Australian based, fully portable, Cyber Escape Room to enhance the way in which Security Awareness is taught.

Engage your staff in an exciting adventure where everyone works together to escape the room using their knowledge and experience within cyber security.

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WHY DO WE DO IT?

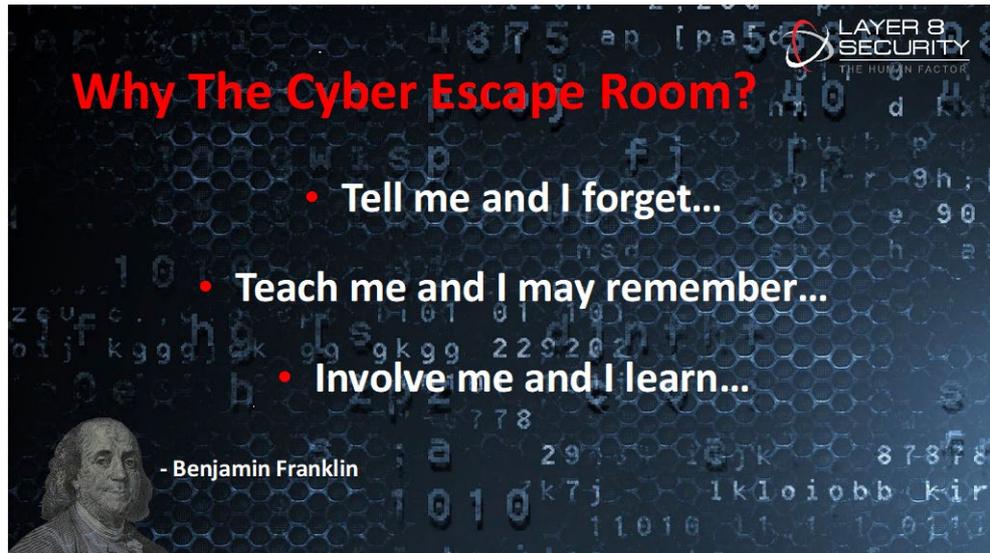
As it widely recognised, that the current methods of training staff in cyber security concepts has a low success rate, often due to attitudes towards the subject matter as well as the retention rates.

People often are not interested in security awareness, don't feel that it is their responsibility to care due to IT technology or conversely, they are too busy.

They often also feel that it is like WH+S training, something to be done to be compliant, and that's it.

Retention and absorption rates of standard security awareness training methods are usually very low due to the way people are trained.

So, what is the best way for staff to learn?



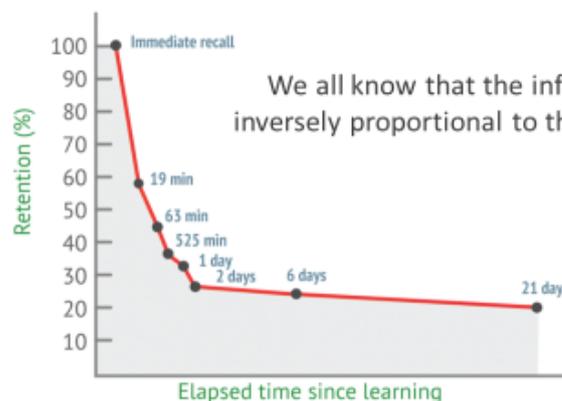
Why The Cyber Escape Room?

- Tell me and I forget...
- Teach me and I may remember...
- Involve me and I learn...

- Benjamin Franklin

Security awareness – absorption rate

The Ebbinghaus forgetting curve



We all know that the information retention rate is inversely proportional to the lapsed time since training.

Humans start losing the memory of learned knowledge over time, in a matter of days or weeks, unless the learned knowledge is consciously reviewed time and again

With our research, we have identified that active participation significantly surpasses traditional training methods.

What is the best way to learn?



If you want someone to remember a topic, the best way is by getting them to do it, rather than watch it.

Traditional standard training methods are effectively useless.

Most people only remember about 10% of what they read from textbooks, but retain nearly 75% of what they learn through Practice by Doing

OUTCOMES

Fun within the Cyber Escape Room encourages increased staff participation in the activity, team building, collaboration, communication, and advanced training techniques.

The retention rates increase from around 10% to 75% by using the Cyber Escape Room experience, with improved willingness to participate increasing from 9% to 81% due to the enjoyment and involvement that staff have.

It was also identified that 87% of people surveyed also indicated a willingness to undertake further Cyber Escape Room experiences in the future.

The inclusion of team building, communication and collaboration adds greater facets to this experience.

HOW DO WE DO IT?

Like conventional escape rooms this presents staff with puzzles, challenges teaching moments and team work to solve the clues to eventually escape the room.

Unlike conventional escape rooms, we bring the room to you, set it up and run it for you.

The staff are presented with various cyber security challenges to solve.

They are expected to work in teams to solve the puzzles which allow them to move onto the next challenge.

Further clues and hints are offered, at a cost of time, to assist them in solving the challenges if they get stuck. The team with the lowest aggregated time wins prizes for the team participants.

After the session, the staff are taken through their session to explain and reinforce the lessons learned.

Each Session runs for 50 minutes, 30-minute escape room experience and 20-minute lesson.



What is The Cyber Escape Room experience?

- It's a series of cyber challenges set to be tackled by teams.
- The teams have 30 minutes to finish the challenge and escape the room.
- The team that escapes the room within the shortest aggregated time, wins..

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LAYER 8
SECURITY
THE HUMAN FACTOR

LEARNING CONCEPTS

Each session is designed to provide many different security topics to the participants

- Executive awareness
- Passwords Hygiene
- Phishing awareness and identification
- Social Media rules and suggestions
- Securing Sensitive data
- Remote working
- Physical device security
- Social Engineering

These lessons are run using the latest attack methods that the cyber criminals use to hack the people.

WHO IS IT DESIGNED FOR?

These sessions are designed for all levels of staff, including executives, privileged users, all the way through administration, sales, and marketing. No technical knowledge is necessary.

Specific sessions can be tailored to specific users if the need arises.

A facilitated team building and learning experience that is taken to the customers premises, set up in a board room, to enable teams of 12 people to work together in various themed rooms to address cyber security challenges. The virtual version can accommodate up to 20 staff

THEMES

There are many theme rooms available for your staff to choose from, each offering a new experience with the touch of a button. These rooms are available both in a physical sense, (where we bring the room to your office), or virtually with a facilitator.

Facilitated sessions increase the knowledge retention rates and ensure that all staff undertake an active role within the games.

- Can you Hack it
- Pirates of the internet
- Escape the Catacombs
- Insider Threats
- Remotely working from Space
- Wheel of Misfortune
- Who done it?
- Break the Breach (executive focused)



CYBER ESCAPE
ROOM