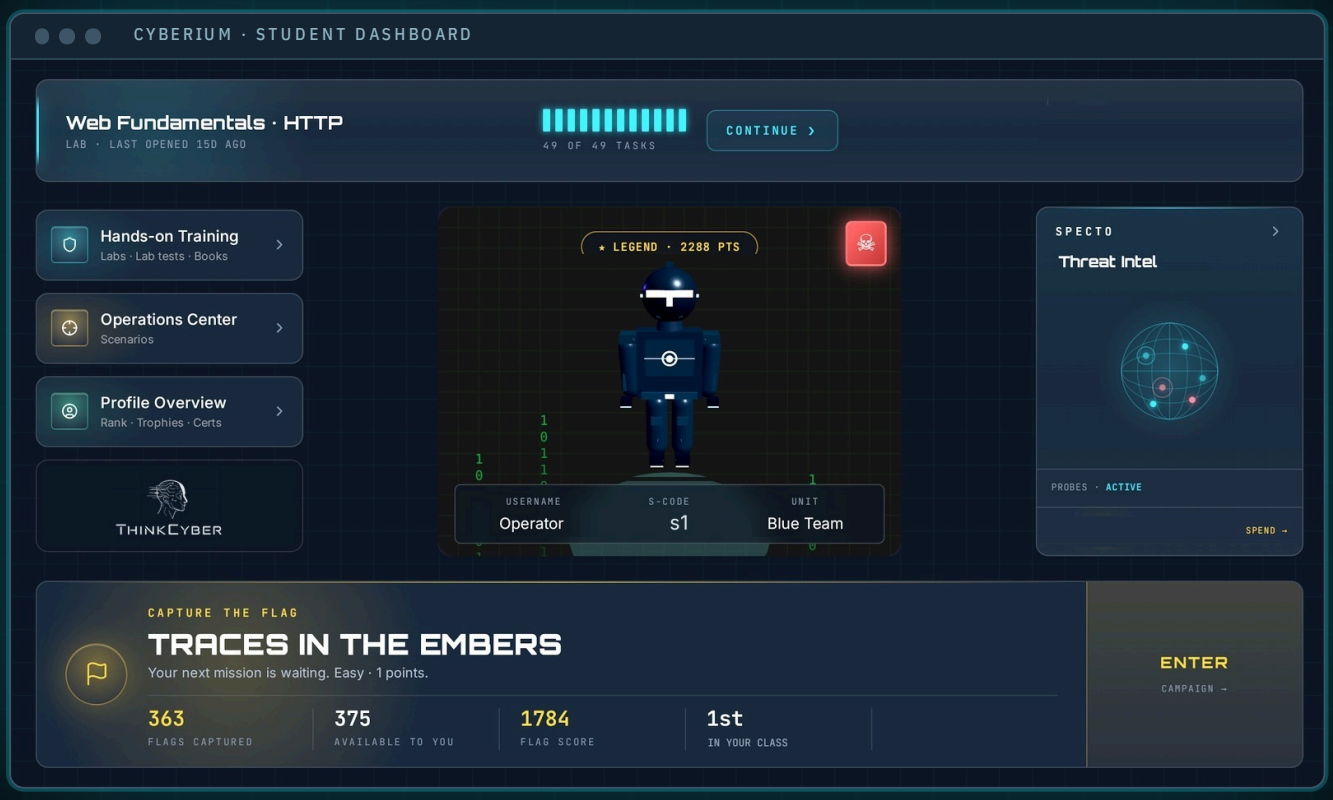
CYBERIUM

Learn cyber the way it is **actually done.**

Cyberium is the training platform where you learn cyber security with your hands on the keyboard — tasks, scenarios and investigations, from your first command to your final project.



Programs	Hands-on tasks	CTF challenges	Scenario sessions
27	10,000+	3,000+	15,000+

Platform figures, November 2026

WHY CYBERIUM

Employers don’t hire what you watched. They hire what you can do.

On Cyberium you learn cyber security the way it is done at work: **you type the command, you find the evidence, you prove you can do it. No multiple-choice guessing. Every answer is typed by you and checked by the platform.**

That matters on day one of your first job. The tools you use on Cyberium are the tools a security team uses: Linux, Wireshark, forensic tools, scanners, your own scripts. When an interviewer asks “have you done this?”, the answer is yes — and your record shows it.

You choose how you learn. Go **self-paced**, on your own schedule, or join a **class with a trainer** who teaches you, follows your progress and runs team scenarios. Either way, Cy, the platform’s assistant, explains what you don’t understand — without handing you the answer.

> **Why students choose it**
>
> **You always know what’s next** — your program is laid out module by module. **You can’t fall behind without noticing** — your accuracy opens each stage. **You leave with proof** — a graded project, a mock interview, a verified CV and a certificate.

27
programs, from level 1 to level 7 — and more coming

10,000+
hands-on tasks across the programs

15,000+
scenario sessions played on the platform

Platform figures, November 2026.

AT A GLANCE

Who it is for
Anyone, at any stage — complete beginners, career changers, IT people and security professionals.

Where you start
Wherever you are. Level 1 needs no background; experienced learners start higher.

How you learn
Self-paced, or in a class with a trainer who teaches you.

What you do
Hands-on lab tasks, timed tests, class scenarios, Capture the Flag and investigations.

Four tracks
Foundations · Defense & Investigation · Offense & Engineering · Industrial & OT.

What you finish with
A graded project, a mock interview, a verified CV and a certificate.

INSIDE

Made for you	3
Your dashboard	4
Programs and modules	5
A lab task	6
The four tracks	7
The map	8
Inside the platform	9
Scenarios with your class	10
Capture the Flag	13
Built to keep you going	14
Specto: the engine	15
The finish line	16
Before you join	17

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01 · MADE FOR YOU

Wherever you're starting from, there's a way in.

Cyberium covers a whole cyber career — from your very first command to advanced specialist work. **You start at the level that fits you**, and the platform takes you from there.

Complete beginners

Never opened a terminal? Start at level 1 with Intro to Cyber. It assumes nothing.

Why it works: You build the base properly, instead of fighting gaps later.

Career changers

Coming from another field? Foundations give you the IT base fast, then a track points you at a real job.

Why it works: A clear route from "interested in cyber" to a role you can name.

IT people

Already know networks or Linux? Start higher and go straight into defense or offense.

Why it works: You don't spend weeks on what you already know.

Security professionals

Levels 5 to 7 go deep: malware analysis, exploit development, OT security.

Why it works: Specialist skills, practiced hands-on — not just read about.

Where to start

If you are...	Start with	Level
New to IT and cyber	**Intro to Cyber**, then the other Foundations programs	1
Comfortable with computers, new to security	**Linux Fundamentals** and **Python Fundamentals**, then **Network Research**	1–2
Working in IT	**Network Research**, then **SOC Analyst**, **Windows Forensics** or **Penetration Testing**	2–3
Working in security	A specialist program at levels 4 to 7	4–7

Two ways to learn

Self-paced

Learn on your own schedule — evenings, weekends, between shifts. The platform opens each stage when you're ready, checks every answer, and Cy explains when you're stuck.

Why it's good: you move as fast as you can, and never wait for anyone.

With a trainer

Join a class at an academy. Your trainer teaches you, follows your progress, runs class scenarios and steps in when you need help.

Why it's good: a person who knows exactly where you are, and what you need next.

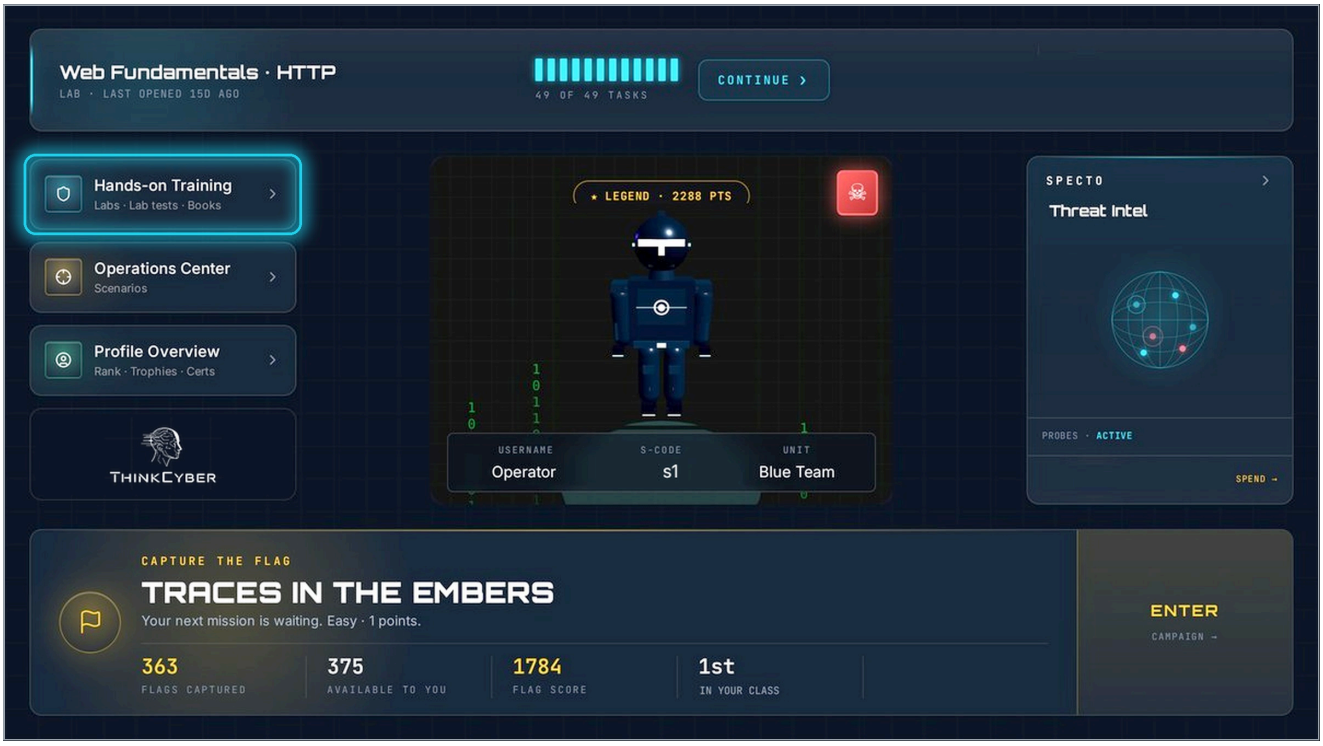
Same platform, same labs, same record of everything you do — whichever way you learn.

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02 · YOUR DASHBOARD

It all starts on your dashboard.

Log in and everything is one click away. **You always know where you stopped and what comes next** — no menus to dig through, no guessing.



The student dashboard. Hands-on Training, highlighted, is your way into every program.

1 Hands-on Training

Your programs, modules, labs, tests and books. This is where you spend most of your time.

2 Continue

The bar at the top takes you straight back to the task you left. No time lost finding your place.

3 Operations Center

The scenarios your class plays together, run by your trainer.

4 Your operative

Your avatar, your rank and your points. Progress you can see keeps you going.

5 Capture the Flag

Your next challenge, the flags you captured and your rank in your class.

6 Cy

The assistant in the corner of every page, for the moment you get stuck.

Open **Hands-on Training** — and you are inside your program.

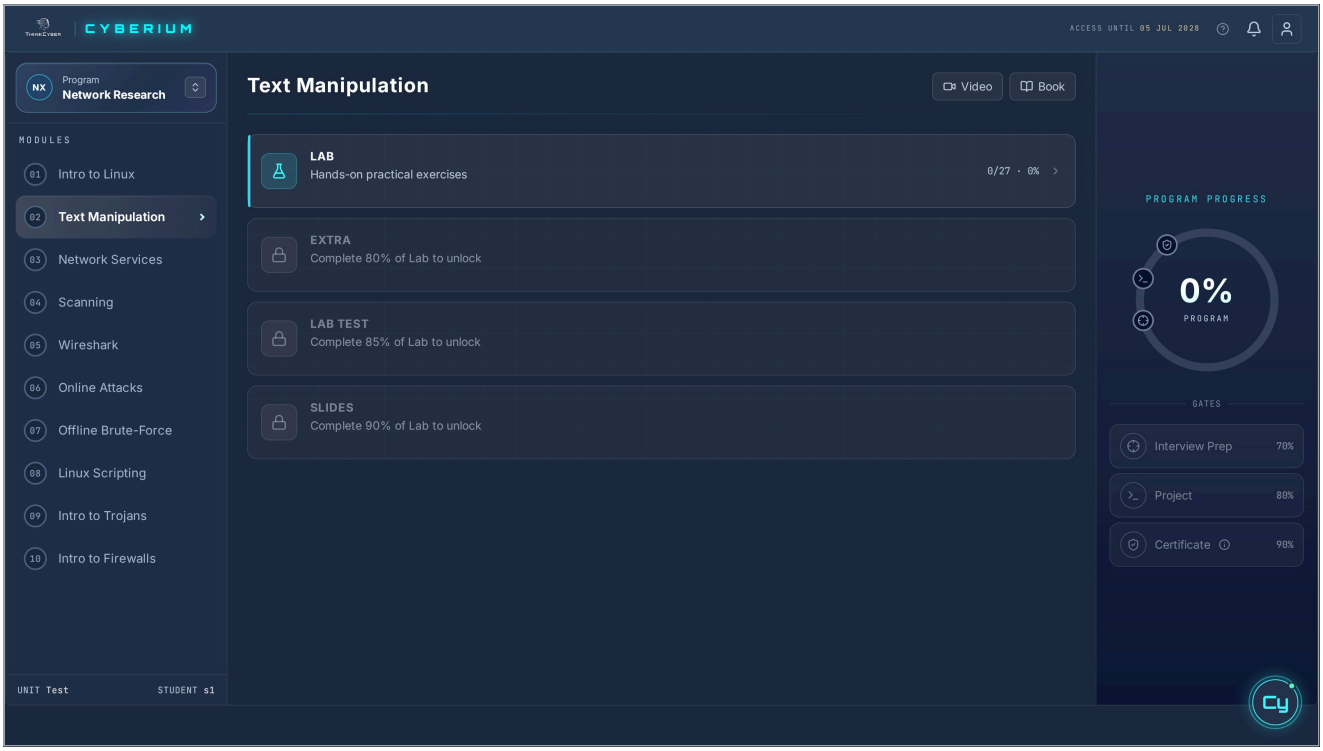
NEXT: WHAT A PROGRAM IS, AND WHAT A MODULE IS

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03 · PROGRAMS AND MODULES

A program is your path. A module is one skill.

Open Hands-on Training and you see your program: **a structured training, built from modules in the order you should learn them.**



Inside a program. Left: the program's modules, in order. Middle: the four stages of the module you are in. Right: your progress, and what it opens next.

What is a program?

A complete course in one area of cyber — like Network Research or SOC Analyst. It is made of 4 to 14 modules, each building on the one before. Your progress across the program opens Interview Prep, the Final Project and your certificate.

Why it matters: you never wonder what to learn next. The order was designed by people who do this work for a living.

What is a module?

One topic, one skill — like Text Manipulation or Wireshark. Every module has the same four stages, and most also come with a video and a book.

Why it matters: you can't click your way forward. By the time you reach the Lab Test, you are actually ready for it.

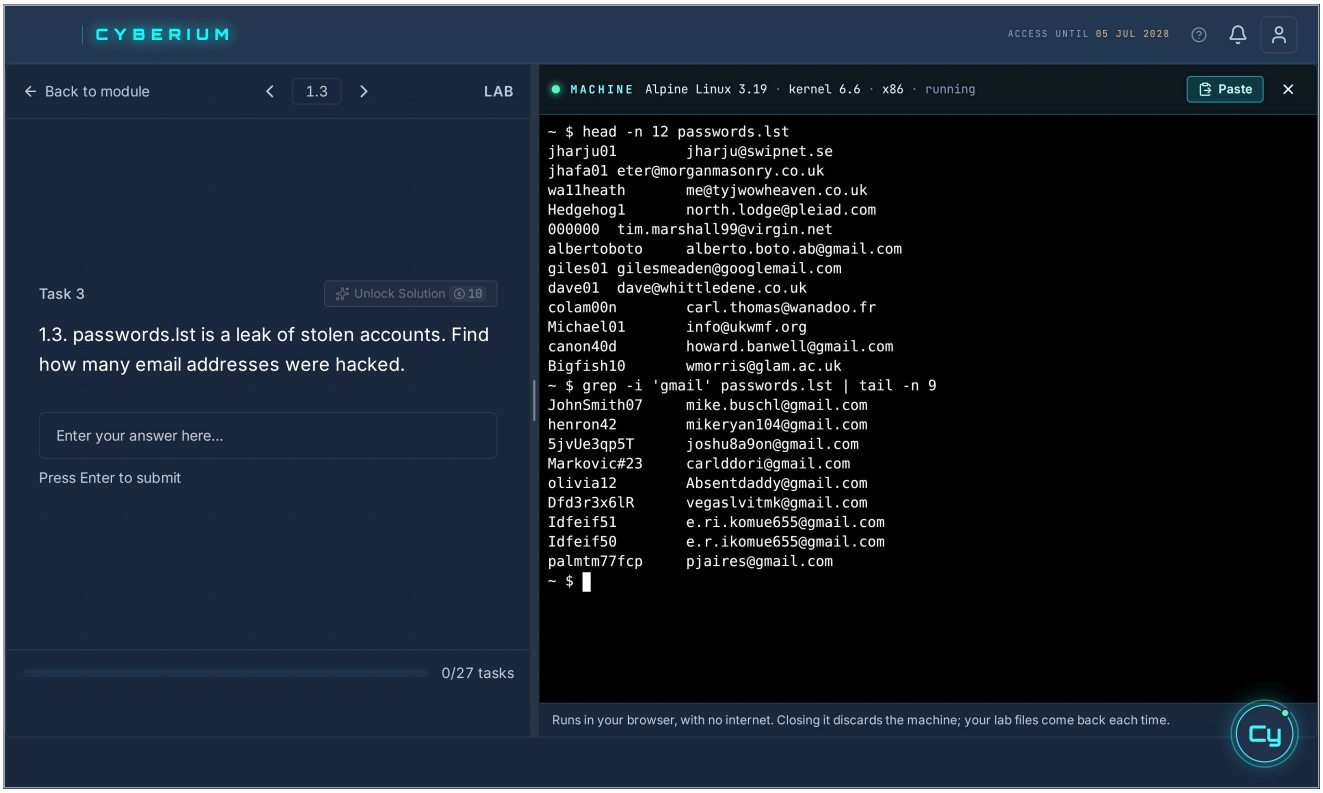
LAB	EXTRA	LAB TEST	SLIDES
Hands-on tasks	Harder challenges	Timed, drawn at random	The theory, reviewed
Open from day one	Opens at 80% lab accuracy	Opens at 85%	Opens at 90%

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04 · A LAB TASK

Every task is real work.

A task tells you what to find. You open the tool, do it, and type what you found — **exactly the way you would on the job.**



A lab task in Network Research. The task on the left, the Linux machine on the right — running in your browser, with the lab files already inside.

Real tools, real output

Real Linux, real security tools, real files. **Why:** what you practice here is exactly what an employer will test you on.

Nothing to install

The first Linux labs run in a machine inside your browser. Advanced labs run on a lab machine on your laptop — or your own Kali. **Why:** you start learning in minutes, not after a day of setup.

Help that teaches

Ask Cy to explain a tool or an idea. Still stuck? Unlock the worked solution with coins you earned. **Why:** you learn the method, not just the answer.

> **The Lab Test is a real test.** It is timed and its tasks are drawn at random, so no two attempts are the same. When you pass it, it means something — to you and to an employer.

05 · THE FOUR TRACKS

Start with the base. Then choose your side.

Every program belongs to one of four tracks. The first two letters of a program's code tell you which: **XE, NX, ZX or CX.** Together they form one route, from your first day to a specialist role.

XE — START HERE

Foundations

Linux, Python, networks, the web and AI — the ground every cyber job stands on.

Leads to: Every student, at any level

Intro to Cyber · Linux · Python · Web · AI

→

NX — PROTECT

Defense & Investigation

Find the intruder, read the evidence, protect the network.

Leads to: SOC analyst · incident responder · forensic investigator

SOC Analyst · Windows Forensics · Malware Analysis

ZX — ATTACK, TO DEFEND

Offense & Engineering

Think like the attacker, so you can stop one.

Leads to: Penetration tester · web app security · exploit developer

Penetration Testing · WebApp Security · Exploit Development

→

CX — SPECIALIZE

Industrial & OT

Protect the machines that run plants, power grids and factories.

Leads to: OT security engineer

OT Security

> **Why it is built this way**
>
> Defenders who understand attacks catch more of them, and attackers who understand defense find the gaps that matter. That is why many students take programs on both sides — and why everyone starts with the same Foundations.

Gates you open with progress

Program progress	What opens
70%	Interview Prep
80%	Final Project
90% + a passed project	Cyberium certificate

Why gates?

Each gate opens when you have done enough of the work to get value from it. You practice the interview once you have something to talk about — and you build the project once you have the skills it needs.

INSIDE A PROGRAM

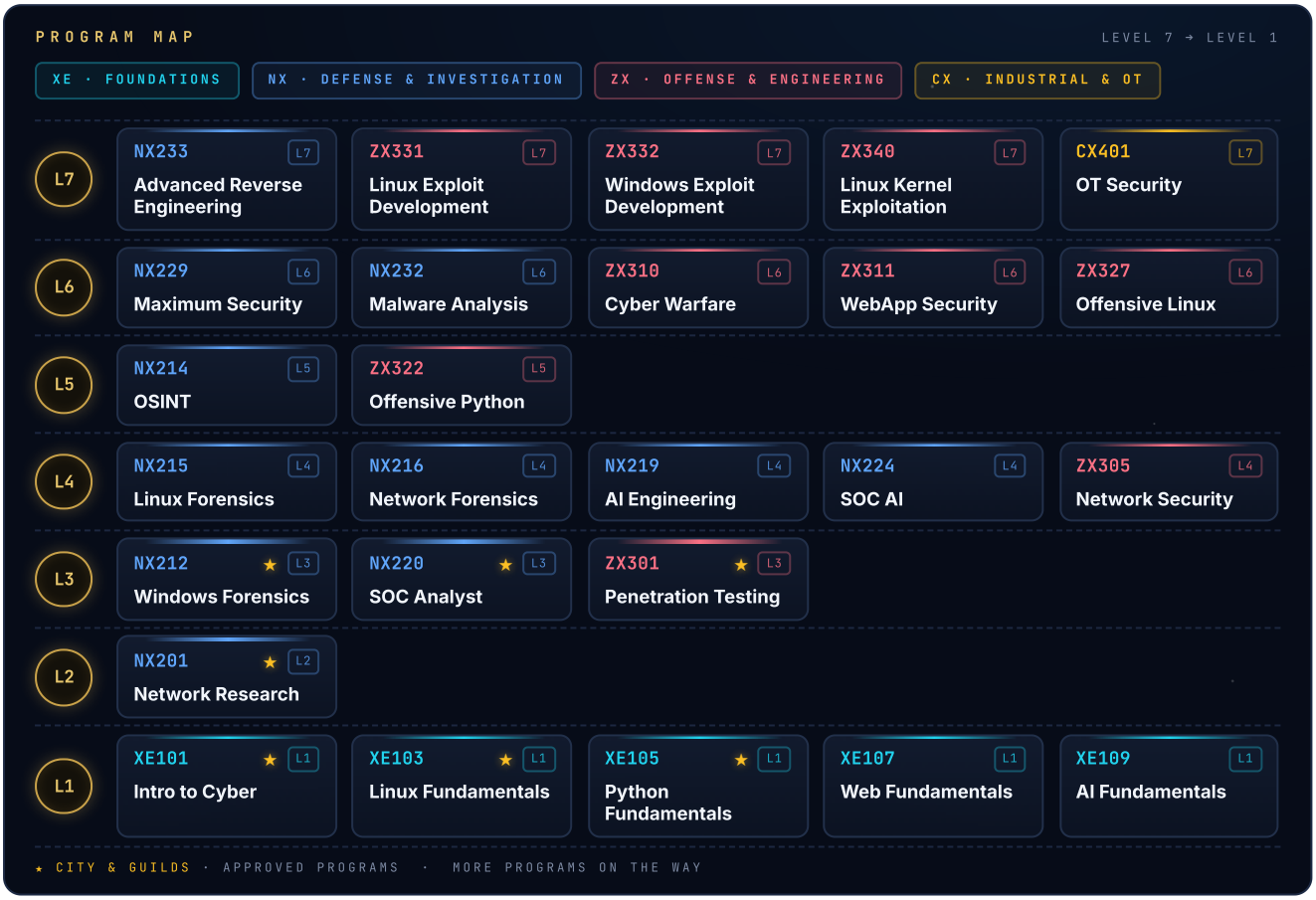
Lab	Book	Video	Lab Test	Interview Prep	Final Project	Certificate
Hands-on tasks	Most modules	Most modules	Timed	At 70%	At 80%	At 90%

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06 · THE MAP

Climb from level 1 to level 7.

Start at the bottom with the foundations. **Each program opens the way to the next** — and you can see the whole climb before you take the first step.



What the levels mean

Level	Stage	What you learn
1	Start here	No background needed. The Foundations track.
2–3	Core skills	Network research, SOC, forensics, penetration testing — the skills of a first job.
4–5	Go deeper	Network and Linux forensics, network security, OSINT, AI for security.
6–7	Specialist	Malware, reverse engineering, exploit development, cyber warfare, OT security.

Your rank

Earned by points on any program — not tied to a level.

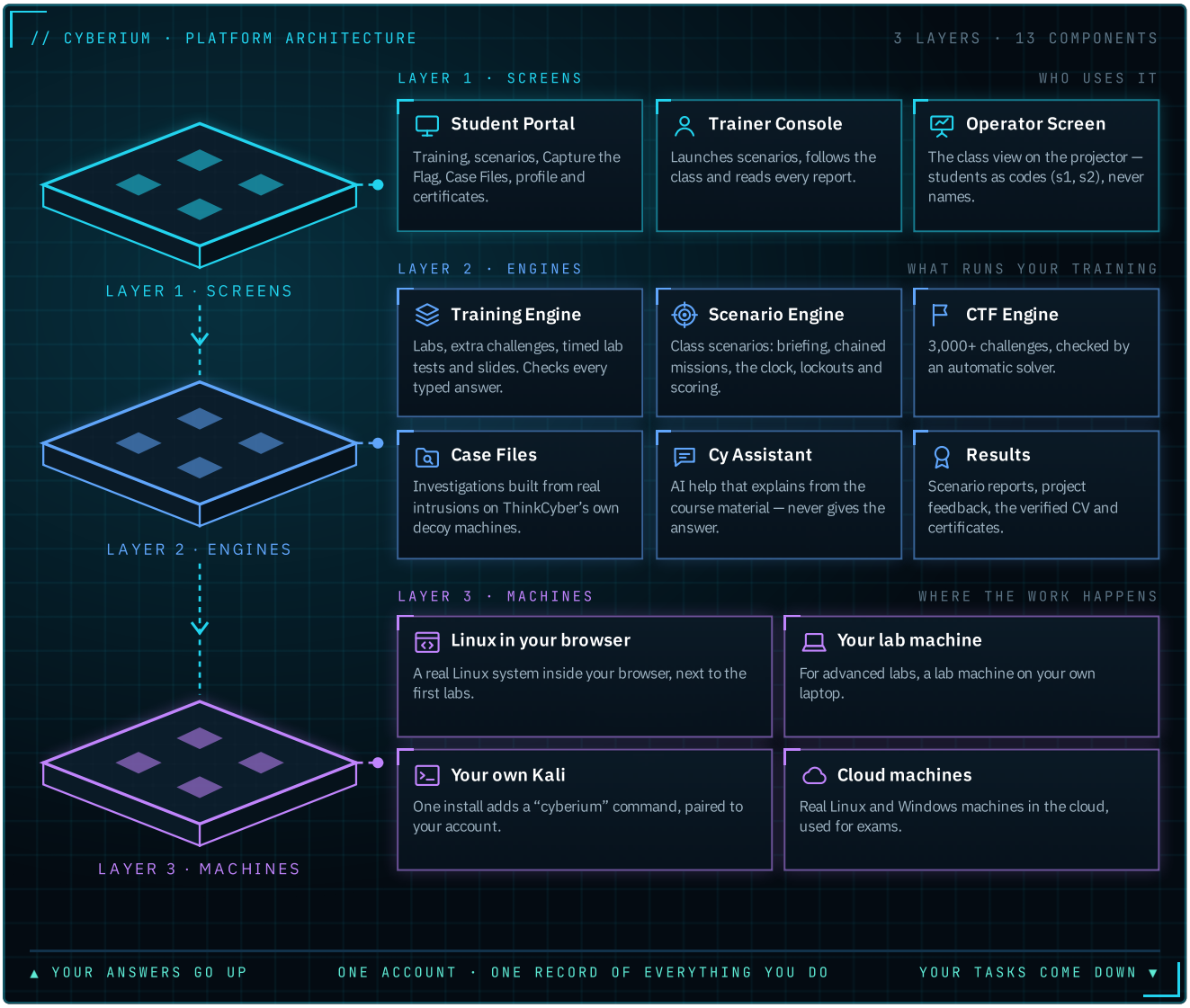
Legend	2,000 pts
Master	1,500 pts
Expert	1,000 pts
Specialist	500 pts
Explorer	100 pts
Rookie	0 pts

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07 · INSIDE THE PLATFORM

Is it real? Here is how it is built.

People sometimes ask whether a “cyber simulator” is just a game. It isn’t. Cyberium is a training platform built in three layers — **the screens you use, the engines that run your training, and the real machines where the work happens.**



Real tools, not imitations

The commands you type are real commands, on real Linux and real security tools. What you learn on Cyberium is what you will use at work.

Every answer is checked

Each task has an answer the platform checks. Nothing moves forward on a click — only on a correct answer.

08 · SCENARIOS WITH YOUR CLASS

The whole class. One scenario. One clock.

Real incidents happen under pressure, with a team, against the clock. Your trainer starts a **scenario** for the whole class at once — and the clock starts for everyone. **Why it matters:** that is exactly the moment a security job tests you, and here you practice it first.



The trainer's Operator Screen. Every student is an operative on one board. The bars at the bottom count right and wrong answers as they happen.

1. **The countdown.** Your trainer hits start. 3 — 2 — 1 on the class screen, and the scenario opens for every student together.
2. **The briefing.** You read what happened: a company breached, a server found, a message left behind.
3. **The hunt.** Each mission leads to the next. Decode, trace, download, hash, report.
4. **The pressure.** A wrong answer locks you out for 15 seconds — and in a scored scenario costs 3 points. Every move counts.
5. **The finish.** When the clock stops, the top three take the podium.



The briefing — the story behind the scenario.



The hunt — one mission leads to the next.

Some lessons can't be learned alone. **A scenario teaches you to think under pressure** — with a clock, a class and something at stake.

15,000+
scenario sessions played on Cyberium

3 · 2 · 1
one countdown, one clock for the class

Top three
take the podium when the clock stops

09 · HOW A SCENARIO IS BUILT

A scenario isn't a quiz. It is engineered.

Every scenario on Cyberium belongs to a program and is built from the same six parts. It is reviewed and approved before any class can play it.

01 — Briefing
The story: what happened, and what you are hunting for.

02 — Chained missions
Each mission opens the next, and each trains a named skill at a set level.

03 — Mission pools
Each mission is drawn from a pool, per student or per team.

04 — Evidence
Files to download, links to follow, logs and captures to read, servers to reach.

05 — Rules
A full duration, an "excellence" time and the scoring that follows from them.

06 — Review
Built by ThinkCyber, or by a trainer, then reviewed and approved before any class sees it.

HOW A SCENARIO RUNS

Staging
Students join; the trainer sees who is in.

3 · 2 · 1
The countdown on the class screen.

The clock
Missions open one by one. The trainer can pause.

Mistakes
A wrong answer locks you out for 15 seconds — and in a scored scenario costs 3 points.

Podium
Trophies for the top scores.

Report
Your report, mission by mission, against the division.

HOW YOU ARE SCORED

Finish inside the excellence time and you start from 100, minus 3 for each wrong answer. After that, the score falls steadily to 70 at the full duration. 70 is a pass.

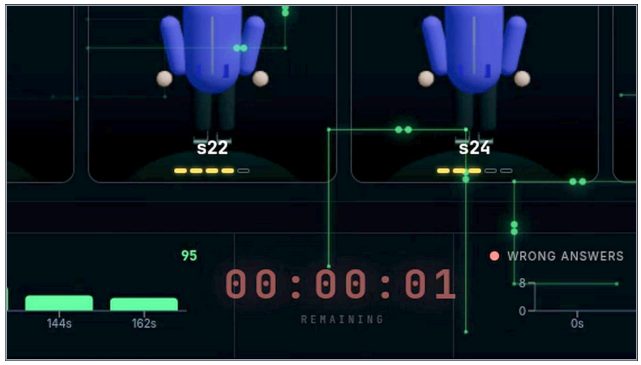
Gold	96 and above
Silver	91 and above
Bronze	85 and above

MODES

Compete	Scored and ranked. A wrong answer costs 3 points as well as the 15-second lockout.
Exercise	Practice against the clock, no score — the place to learn a scenario before it counts.
Class	The whole class on one timeline.
Group	Teams with their own chat, moving on together when every member has answered.



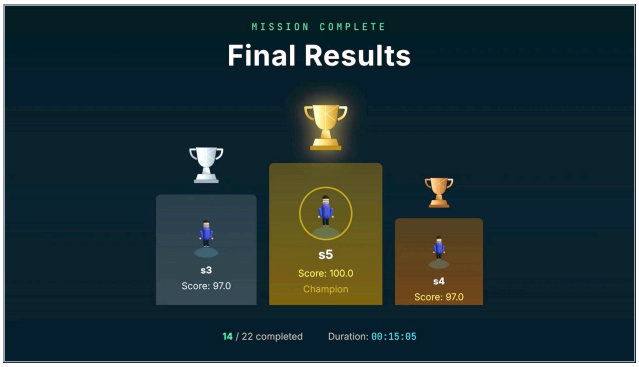
01 · The briefing. The story is typed out on screen before the clock starts.



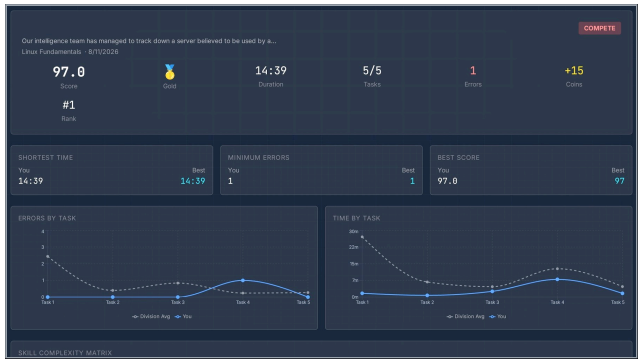
The clock. Every second counts toward your score.

10 · AFTER THE SCENARIO

Every scenario ends with the truth.



Final results. Score, time and the class podium.



Your scenario report. Errors and time for each mission, next to the division average.

When the scenario ends you get your own report: your score, your rank, your time, and how many mistakes you made — **mission by mission**, set against the average of your division. You see exactly where you were fast and where you lost time.

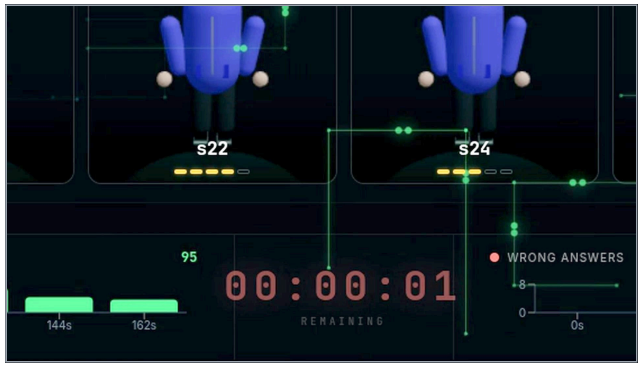
Why it matters: you see exactly what to practice next, instead of guessing. That is the difference between “I think I understood it” and knowing.

Your name stays yours

On the shared class screen you are a code — s1, s7, s22 — never your name. Your trainer reveals details only on demand. Nobody at the bottom of a board is ever marked.

Class or team

Scenarios run for the whole class on one timeline, or for teams who work together and chat inside the scenario. The team report compares each team with the class average.



The last seconds. Three seconds left on the clock.

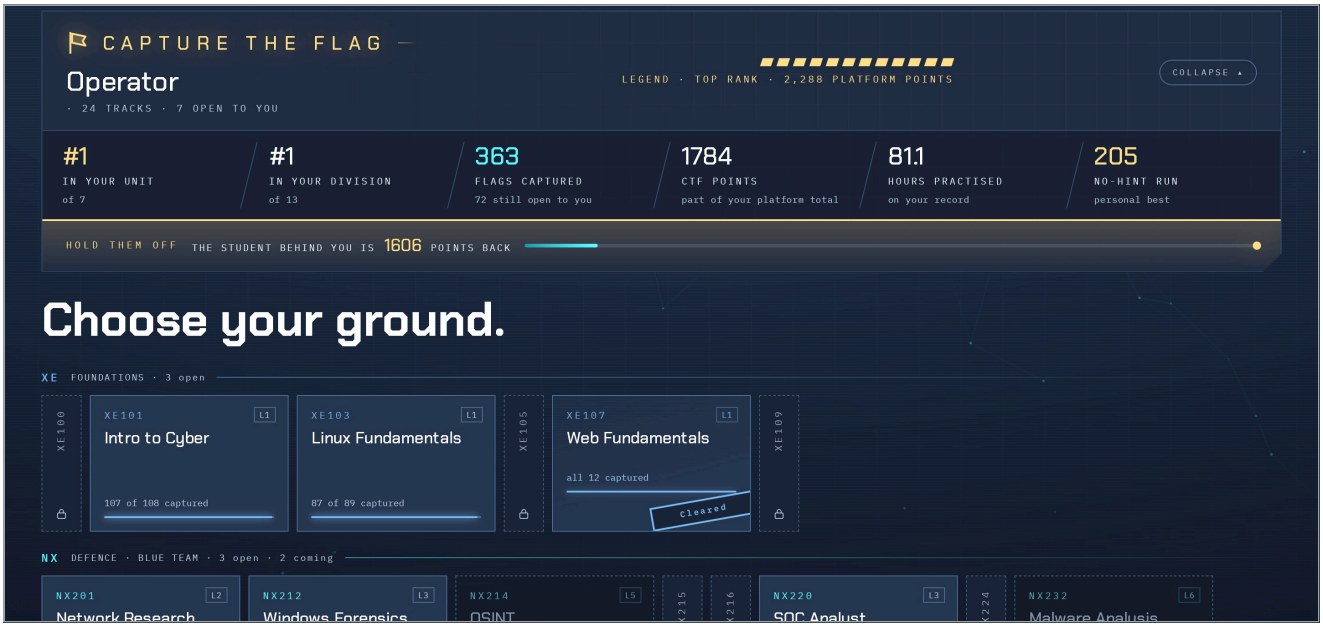
That is the difference between “I think I understood it” — **and knowing.**

EVERY SCENARIO ENDS WITH A REPORT OF YOUR OWN

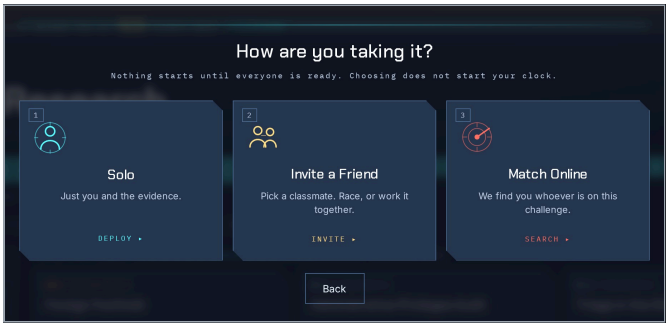
11 · CAPTURE THE FLAG

Play it like a game. Learn it like a pro.

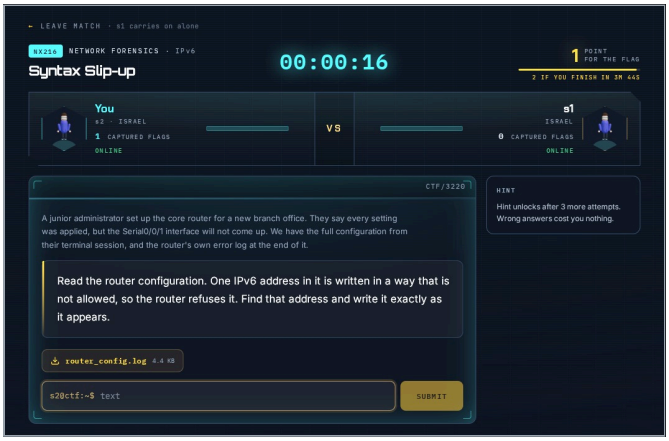
Capture the Flag runs next to your program, track by track — **more than 3,000 challenges**, each one checked by an automatic solver. Play online, from anywhere, whenever you want: alone, with a friend, or against another student.



Your CTF home. Your rank in your unit and division, flags captured, points — and every track you can play.



How are you taking it? Solo, invite a friend, or match online.



Head to head. Same challenge, same clock, two students online.

Solo

Just you and the evidence. Take your time, or chase a no-hint run.

Invite a friend

Pick a classmate. Race each other, or work it out together.

Match online

The platform pairs you with an opponent on the same challenge, and both clocks start together the moment the match begins.

The Grand CTF

One board, every academy, at the same time — academies head to head.

> **Why it matters:** every flag is a real skill, practiced one more time. You don't notice you are revising — you are trying to win.

12 · BUILT TO KEEP YOU GOING

We made learning feel like a game. On purpose.

The hardest part of learning cyber isn't one difficult task. It is coming back every day. So we gamified everything on Cyberium — **because students who enjoy learning keep learning.**

What you do	What you get
Solve a lab task	**10 points**
Solve an extra challenge	**10 points**
Lab test task	**2 points**
Capture a flag	**1, 3 or 5 points**, by difficulty
Collect points on any program	A **rank**: Rookie → Explorer → Specialist → Expert → Master → Legend
Score high in a scored scenario	A **trophy**: gold, silver or bronze
Reach 85% of a program, pass the project and complete a scenario	A **badge** on your public profile
Earn coins as you go	Gear for your operative in the **Armoury** — or a worked solution when you are stuck



The leaderboard. On shared screens, classmates appear as codes.

Leaderboards

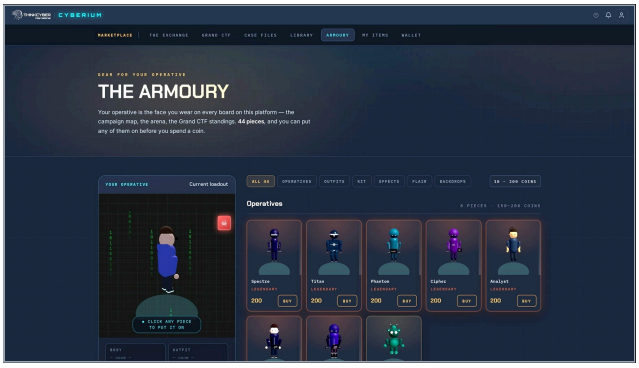
Your unit and your division. Something to chase every week.

Your operative

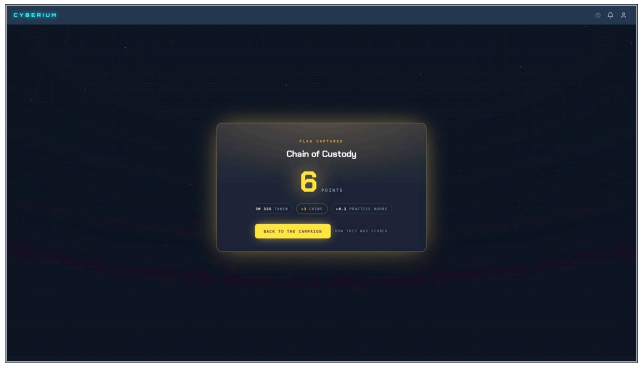
A 3D character that is you on every board — and shows what you earned.

Never shamed

Nobody at the bottom of a board is ever marked. Only progress is shown.



The Armoury. Dress your operative with what you earn.



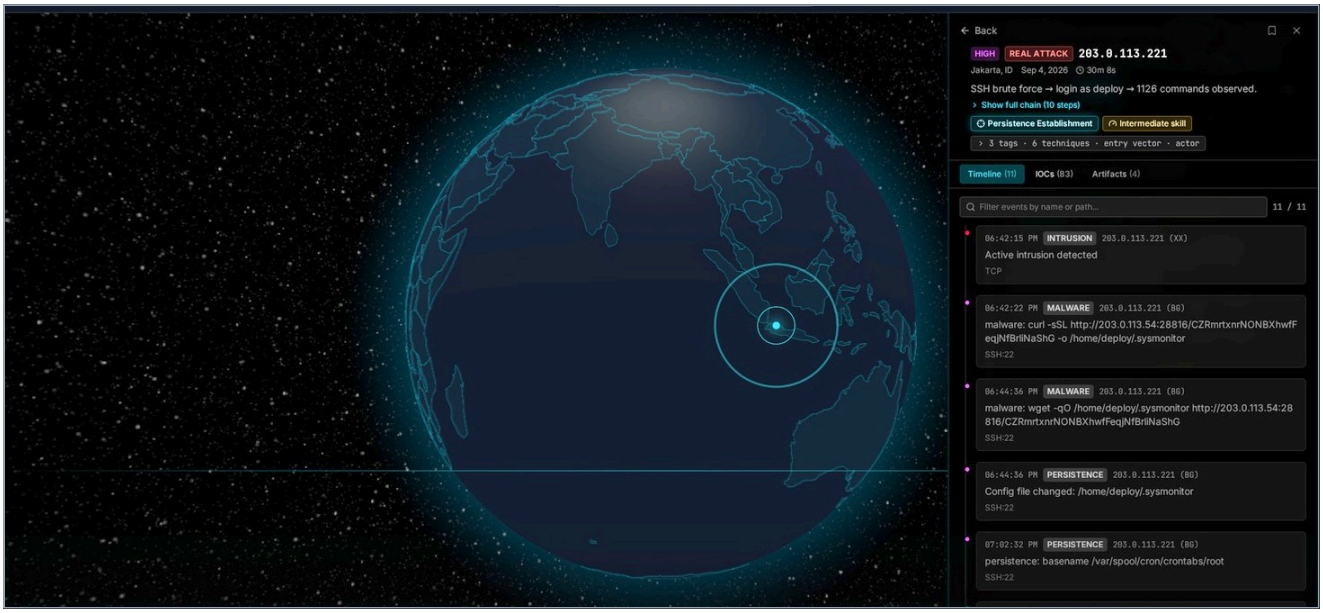
Flag captured. The moment students come back for.

Points, ranks, trophies, duels. **You come back because you want to** — not because you have to.

13 · SPECTO · THE ENGINE OF CYBERIUM

Real attackers. Caught by us. Studied by you.

ThinkCyber runs **Specto**: decoy machines that real attackers break into. Every command they type, every file they drop and every trick they use is recorded — and it comes straight back into Cyberium.



Specto inside Cyberium. On the right, one real intrusion, step by step.

Open Specto, see what you learned

Students open Specto from their dashboard and read real intrusions: the SSH break-in, the `wget` that pulls the malware, the `crontab` line that keeps it alive. **The same commands you practiced in your labs** — now in an attacker's hands.

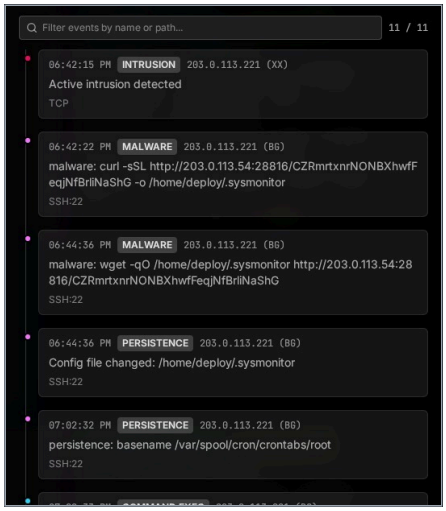
From intrusion to Case File

Selected intrusions become **Case Files**: investigations built from one real break-in — real logs, real files, real commands. Every answer is proven against the evidence.

Why it keeps Cyberium current

Attackers change their tricks every month. Because Specto keeps catching them, what you study on Cyberium keeps up with what attackers are doing now — not what a textbook said years ago. A Threat Intel line along the bottom brings you the latest security news.

> **Why it matters:** when you sit your first job interview, you won't just know the theory. You will have read what real attackers did — and investigated it yourself.



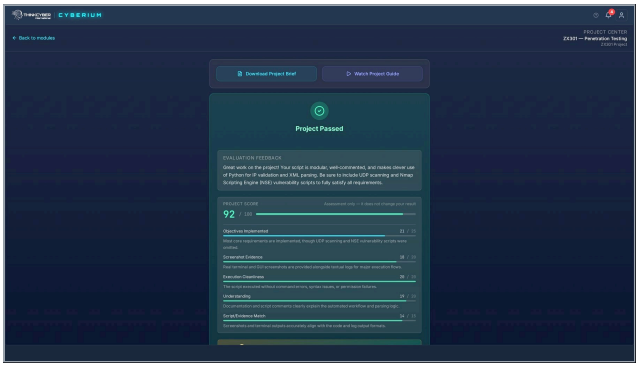
One intrusion, step by step. Every command, with its time.



Case Files. Each built from one real intrusion.

14 · THE FINISH LINE

Leave with proof, not just a course.

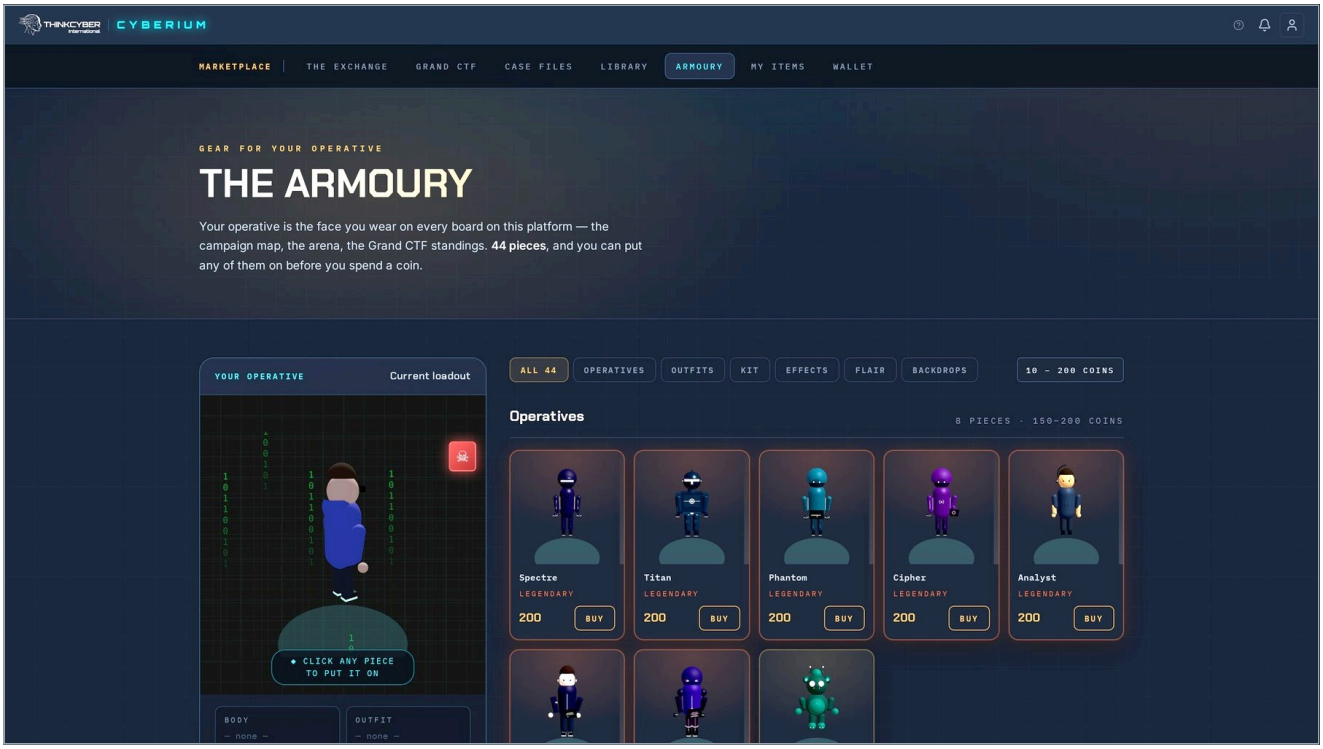


Final Project. Written feedback on every part of your work.

What you finish with	What it is
Final Project	You build a script and write a report. It is graded section by section, with written feedback.
Interview Prep	A spoken mock interview, scored answer by answer. Opens at 70%.
Verified CV	Built from what you actually completed on the platform — it can't overclaim.
Certificate	Your name, the program and its level, and your project by name. Earned at 90% of lab tasks and a passed project.
Profile & badges	A public profile with the badges and trophies you earned.

City & Guilds

Seven programs are approved by City & Guilds: Intro to Cyber, Linux Fundamentals, Python Fundamentals, Network Research, Windows Forensics, SOC Analyst and Penetration Testing. Their exam is a hands-on scenario, watched by a person, and leads to a certificate awarded jointly with City & Guilds.



The Armoury. Your operative is the face you wear on every board — and you dress it with what you earn.

15 · BEFORE YOU JOIN

Before you join.

I have no background in cyber. Can I start?

Yes. Level 1 programs in the Foundations track assume nothing. Intro to Cyber is built for your first day.

What do I need?

A computer and a browser for the first labs. For advanced labs, a laptop that can run a lab machine (VMware). Your academy will tell you the exact setup.

Will the platform give me the answers?

No. Cy explains tools and ideas, not answers. If you are truly stuck, you can unlock a worked solution with coins you earned — and you still type the answer yourself.

How do I know I am improving?

Your accuracy opens each stage. Scenario reports show your time and mistakes per mission against your division. Your profile tracks it all.

Can I learn at my own pace?

Yes. Learn self-paced, on your own schedule — or join a class where a trainer teaches you and runs scenarios with your group.

Is any of it from real attacks?

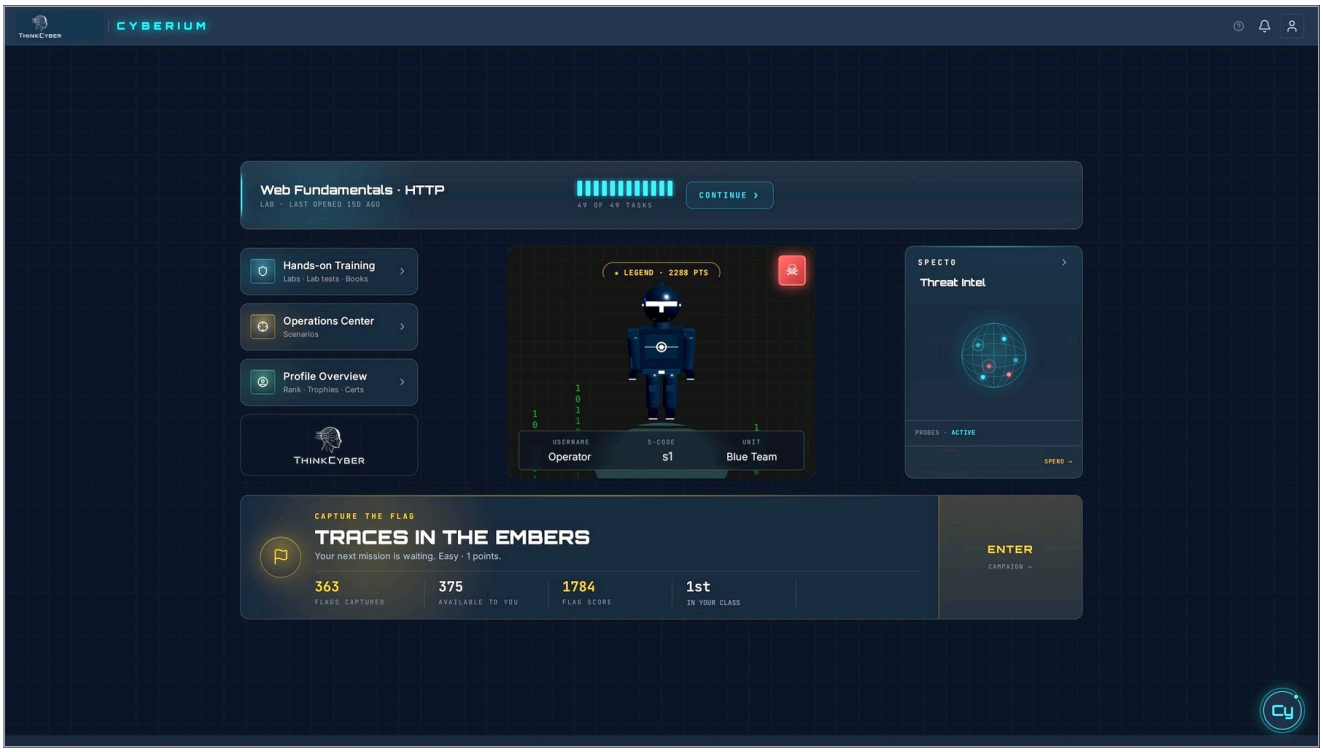
Case Files are — each is built from a real intrusion caught on our own decoy machines. Lab tasks and scenarios are training content built by our team.

Who sees my name?

Your trainer. On any shared screen you appear as a code like s7.

How do I join?

Cyberium is taught through ThinkCyber's partner academies. Ask your academy for a Cyberium seat.



Your dashboard. Where you are, what is next, and your next scenario.

CYBERIUM

SIMULATOR

The next attack is already being planned. **Be the one who stops it.**

Cyberium is taught through ThinkCyber's partner academies, in several countries. Ask your academy for a Cyberium seat — or find a partner near you at **thinkcybergroup.com**

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