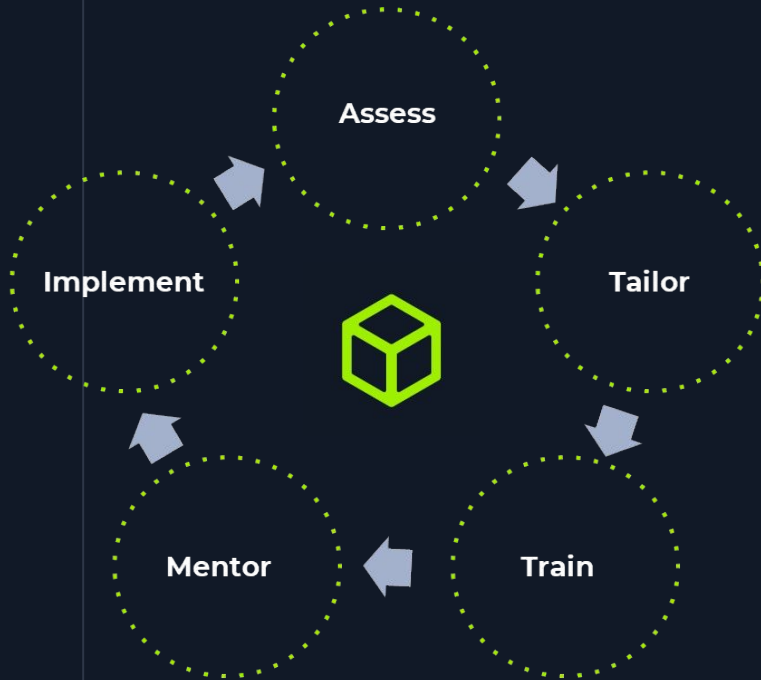


THE CYBER EDUCATION JOURNEY

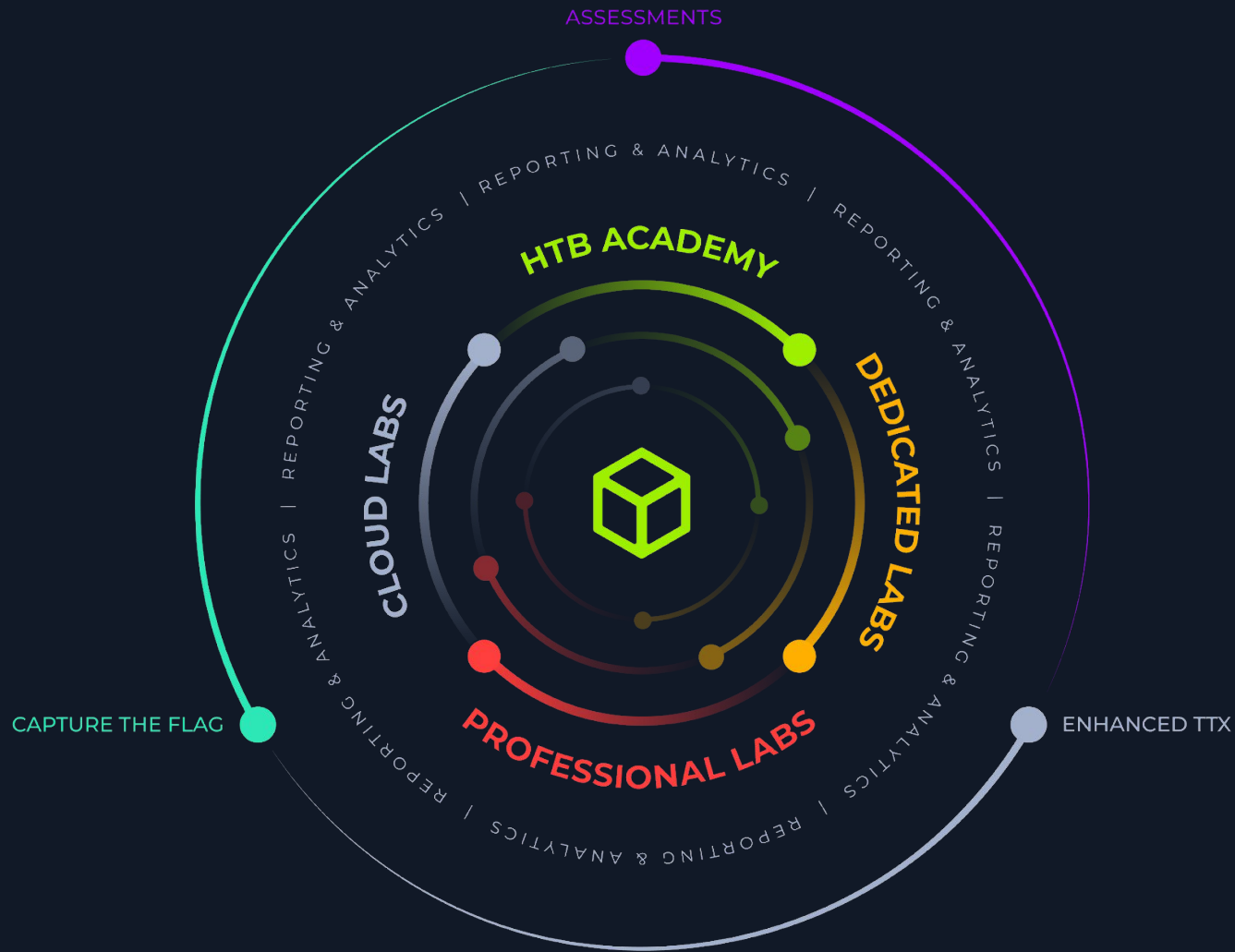
Filling in the gaps with a holistic approach to cyber education

Workforce Development

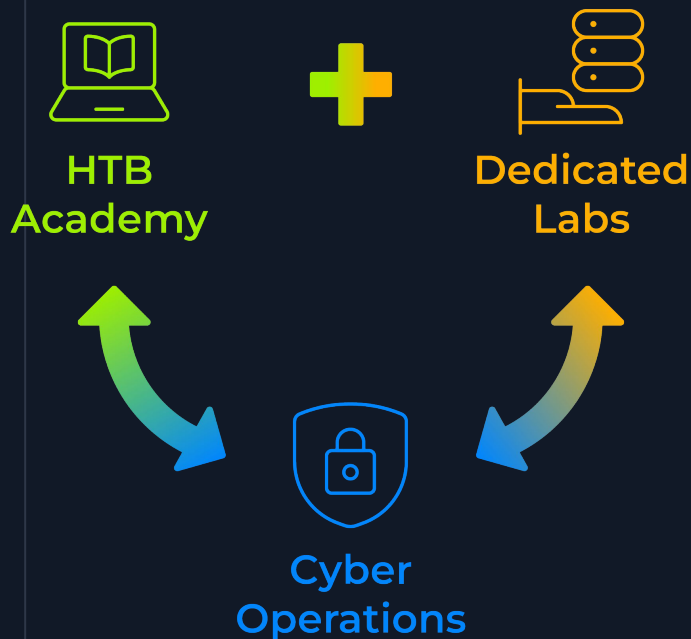


- Content aligned to:
 - MITRE ATT&CK Framework
 - MITRE D3FEND
 - NIST/NICE
 - DOD Cyber Workforce Framework
- Standardize Cyber training across whole government
- Provide **measurable goals** to leadership on training – MOPs/MOEs
- Ability to regularly **assess and monitor** progress
- **Self paced** and **continued learning**
- Content updated on a monthly basis
- Implemented (and being implemented) in multiple GOV/MoDs





Integration with Security Operations



- Learn and understand CVEs and CWEs in a safe environment
 - Mitigate patch schedules
 - Implement signatures
 - Decrease CVE understanding time
- Implement **PREDICTIVE** concepts within Defensive Operations
- Enable **Threat Hunting** operations
- Create an **Adaptive Cyber Analyst** that better supports the team
- Theoretically teaching (Academy) coupled with practical hands-on exercises (Dedicated Labs)
- Ability to work around Silo of Excellence



Enterprise Solution - Plan.

[illegible]

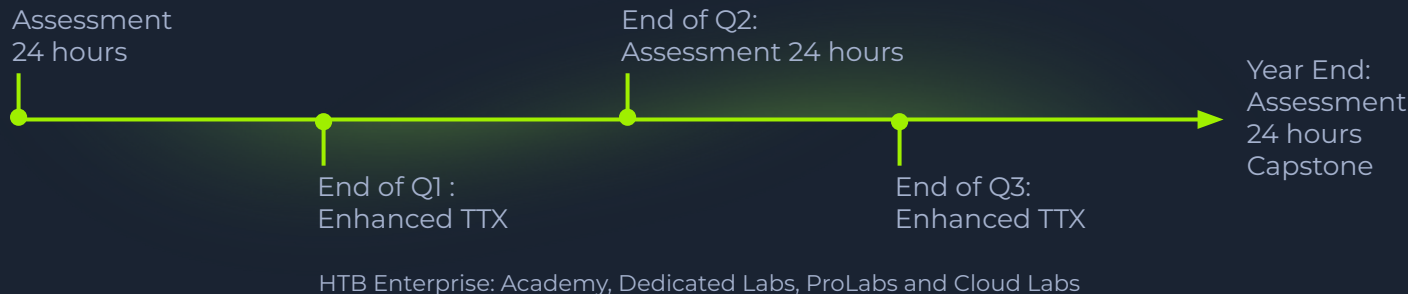
Process, Plan & Content:

- **Assessment event** takes place in which results will allow for a **curated training plan** to be developed in the HTB Portfolio
- Content **curated & tailored** to your needs by a dedicated customer success team
- Aligned to **MITRE ATT&CK, MITRE D3FEND, NIST/NICE, DCWF**
- Ability to **regularly assess and monitor** individual & team progress
- CAPSTONE event to close out the year with **quantifiable results**
- Per User **Per seat**



A unified approach.

Holistic Training Plan



Joint Exercise Life Cycle

- HTB holistic training plan feeds into JELC planning and vice versa
- IPC will determine requirements for the holistic training plan
- After each HTB Event there will be an assessment and report to feed the JELC
- MSEL Scripting will be linked to end of year capstone
- Quantifiable metrics will be reported monthly to leadership to help inform the JELC



New Content Released - Oct 1st

- Academy Modules - 5 Modules
- Dedicated Lab Machines - 22 Machines
- Dedicated Lab Sherlocks - 23 Sherlocks Machines
- OpTinselTrace - 5 Linked Machine
- Dedicated Lab CVE Machines - 18 CVE Machines (Both Blue and Red)
- New CTF Packages - Cyber-Industrial Quest Package
- New TTX Offering - Organizational level
- New Assurance Offering - Threat Hunting simulation



HTB Certifications and Plans

- Certified Penetration Testing Specialist
- Certified Bug Bounty Hunter
- Certified Defensive Security Analyst
- Certified Web Exploitation Expert

Future endeavors:

- HTB Certifications DOD 8140 Approved
- Additional CPE Credits with SANS and CompTIA (Under Review)

