

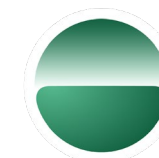


12TH ANNUAL LEADERSHIP EVENT

CYBER SECURITY SUMMIT

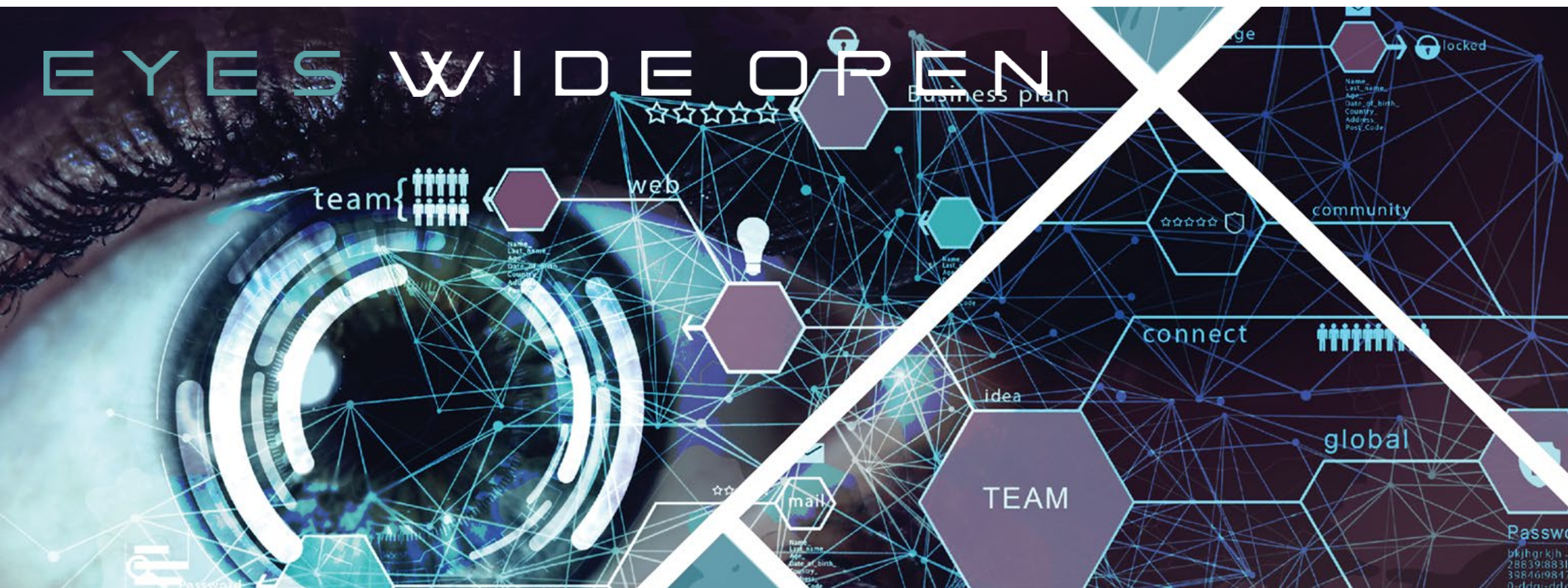
Security solutions through collaboration.™

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Island

EYES WIDE OPEN



ABL Virtual Cyber Range Implementation Details



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THE BENEFITS

RECRUITMENT
AND
RETENTION
AND
EMPLOYEE
ENGAGEMENT

Investing in skills training and development is a critical success factor.

Leaders at every level demonstrating support are critical success factors.

People don't leave companies. They leave the culture and management.

Preparation

- Assign internal project team with clearly defined roles and responsibilities.
- Identify specific organizational risks and skills gaps – sources are organizational data, SMEs input, assessments such as INL's Cyber-CHAMP®.
- Use assessment outputs to select specific range content and exercises to close skill gaps.
- You are best served selecting a range that promotes creating custom content aligned to your sector and organizational technologies.
- Determine applicable industry certifications (Ex: ISA)

Which Leads To...



Step 2: Initial deployment

- a) Conduct range orientation with identified Phase 1 participants
- a) Monitor progress and improvement through data measurement
- a) Acquire preliminary feedback from Phase 1 participants and leadership

Which Leads To...

Ongoing maintenance

Update training content

Identify and incorporate lessons learned for next phase



Talk About ‘getting in the weeds’...

Select a range that can transcend graphical based design to digital twin technology to imitate reality

When You're Looking at Ranges: The Build or Buy Considerations

BUILD



On Prem

- Purchase physical servers and necessary software
- Create the virtual range environment
- Team of content creators
- People to maintain, support and routinely update

Cloud

- Identify cloud platform to host
- Build the cloud range infrastructure
- Create the cloud-based virtual range program
- Team of content creators
- People to maintain, support and routinely update

Critical Success Factor:

Design of content needs to meet the standards for job role skills mastery

When You're Looking at Ranges: The Build or Buy Considerations

BUY



Partner with an
existing range that
brings the CSFs

Ensure there is a skills mapping tool.

You have ready access to learning
content already designed and tested.

Your content can be built for you.

You build your relevant content, and it's
hosted for you.

Build a Community of Content – The Benefits of Sharing

- ▲ Sharing your content is not a threat to your security as long as...
Your organization is not identifiable by the content
- ▲ Sharing education and skills development content ensures others will benefit from its use
- ▲ You are helping to secure your industry, upstream and downstream suppliers.
- ▲ When others are hacked, threat actors use that organization as a pivot point to get to you.
- ▲ There is every reason to share all our capabilities in securing our systems with others to increase everyone's security posture.

EYES WIDE OPEN!!!



THANK YOU!!!!

QUESTIONS