



# Presentation to Energy Huntsville

*“Expect the Unexpected”*

# Agenda

- Who is CRU?
- CRU's Training Partner - ATS
- Training Focus and Approach
- CRU's Platform – CyberGym
- Why Cyber Training is Important
- Effective Cyber Security Training Elements
- The Cyber Training Market
- CRU's Growth Objective Fits
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# Who is CRU?

- CyberReadyUSA (CRU) was formed with a single focus on making the American Private Sector safer from Cyber Attacks
- CRU combines the talents and experiences of Applied Training Solutions (ATS), together with one of the world's leading cyber training platform, the CyberGym® Arena
- CRU is an exclusive provider of CyberGym Arena with major US regional energy/power companies.®
- We bring decades of experience and the process discipline of the most secure government agencies to you



# CRU's Training Partner - ATS

- ATS is Federal defense contractor that specializes in providing consulting services for training and exercises in the emergency management, defense, and cyber security sectors.
- ATS develops software applications used to facilitate training and exercise simulations, bringing commercial technology solutions to the Federal government.
- ATS is contracted to support over 400 Federal and State training exercises per year, training thousands of government personnel.



# Training Focus and Approach

- Address the universally recognized energy cyber security requirement at reasonable low cost
- Use proven technology and training approaches, combining a platform like CyberGym and US military training models
- Find commercial partners like Devon Energy who have high interest in potential clients in the power/energy industry
- Assemble a diversified leadership team with successful track record of developing, financing, marketing and operating complex projects



# Why Cyber Training is Important

- A breach can be catastrophic
- CSIS study showed cost of cybercrime at over \$600B
- Up to a million malware releases/day
- Timing is optimal – there is a pressing need for these unique cyber training platforms.
- Need fast execution – first 2 arenas in operation in Q3, 2018
- Focus on highly effective design



# Effective Cyber Security Training Elements

- Cyber Security Assessments
- Security Strategies, Review, Design, and Implementation
- Leadership Support
- Cyber Operations
- Cyber Resilience and Continuity of Operation
- Security Operations Center Design and Implementations
- Cyber Security Policy Review and Development
- Insider Threat Program
- Enterprise Risk Management
- Training & Education
- Response & Mitigation





# The Cyber Training Market

- The latest Gartner forecast estimates that the market for cyber security training in \$1 Billion. The market growth in the cyber security sector was approximately 55% in 2015 and 2016. This trend is expected to continue.
- US industry is heavily dependent on information technology and is experiencing an increasing threat from cyber attacks.
- The overwhelming response has been to provide a “one fit all” software solution. The real solution must go far beyond that approach.
- Must train people, which is where the greatest risk lies, goes well beyond IT personnel, and deals with the full spectrum from senior management to operators. It is the final operational phase or “last mile” where the greatest damage from a cyber attack occurs – that is where we focus our program of prevention and mitigation.





# CRU's Growth Objective Fits

*CRU is very interested in business and business partners in Huntsville;*

- A forward thinking community that can pioneer a new approach to resiliency in the energy business
- There is excellent link between U of A Huntsville and cyber security training
- The extensive US Army Corps of Engineers and other US Government presence in the area offers unique opportunities
- Potentially a location for CRU's next Cyber Arena



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