

Foundry

A Training Asset Management Portal

MANAGE ALL OF YOUR CYBER TRAINING RESOURCES IN A CENTRAL LOCATION WITH THE USE OF ONE OPEN SOURCE TOOL. Training platforms are the hub where training developers upload content and where users access and interact with it. These platforms must take full advantage of available technologies to support interoperability and optimize your use of training assets. That way, you can be sure your staff has access to the best—and most necessary—training to prepare for the challenges they face.

Tomorrow's Training Platform

We at the CERT Division of Carnegie Mellon University's Software Engineering Institute have researched modern platform theory and design to develop a next-generation, cyber-training platform called Foundry.

Foundry's design brings together independent, pluggable components to form an open system platform. This design meets industry as well as DoD standards for interoperability and allows for broad use by many organizations as well as collaborative updating by multiple vendors.

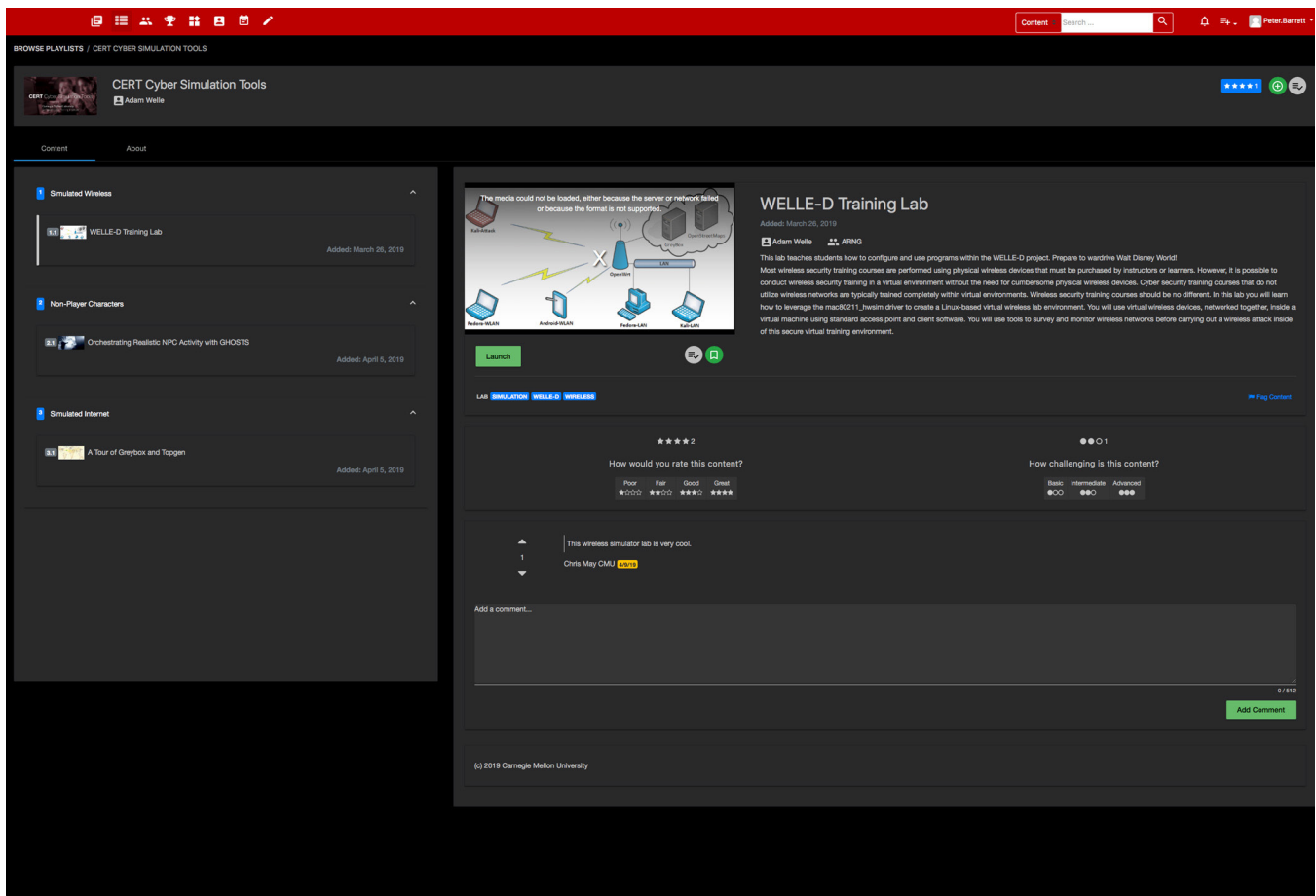
Fostering Innovative and Customized Training

Foundry's modular, open system approach functions as a training ecosystem that can be customized to support your organization's training needs. In addition, it allows training providers to easily share their content. As a result, providers can focus on developing content rather than on managing hardware stacks or other technical infrastructure, which levels the playing field for all providers.

Additionally—because you don't have to make a long-term commitment to a single provider—the providers on the platform must compete with each other, encouraging them to produce high-quality content. Thanks to this approach, the platform fosters innovation among training providers to ensure that the content they develop is engaging and of the highest quality.

Training That Targets Users

Foundry records user ratings and reviews to track the best training available on it. It can also leverage those ratings and reviews to match users and teams to the most appropriate training for their roles and responsibilities. As a result, users can easily find the most relevant training content to develop the skills they need.



Foundry provides users with large amounts of training content, search parameters to find content easily, and ratings from other users. The image above shows a page in Foundry where a user has selected three different content choices, and where he or she is about to open the WELLE-D simulated wireless training environment. Ratings and user comments are available below the lab that the user is launching.

Learn More About Foundry

Foundry is currently in beta and will be generally available in summer 2019. For more information about Foundry and other upcoming tools, sign up for our mailing list at the link below.

eepurl.com/ghd3zr

Explore Our Tools Online

SEI cyber-training tools can be used to create cybersecurity training to help students learn in near-real-world situations without risking organizational assets.

See the latest information about these tools on our website at sei.cmu.edu/go/cwd-tools.

About the SEI

The Software Engineering Institute is a federally funded research and development center (FFRDC) that works with defense and government organizations, industry, and academia to advance the state of the art in software engineering and cybersecurity to benefit the public interest. Part of Carnegie Mellon University, the SEI is a national resource in pioneering emerging technologies, cybersecurity, software acquisition, and software lifecycle assurance.

Contact Us

CARNEGIE MELLON UNIVERSITY
SOFTWARE ENGINEERING INSTITUTE
4500 FIFTH AVENUE; PITTSBURGH, PA 15213-2612

sei.cmu.edu
412.268.5800 | 888.201.4479
info@sei.cmu.edu