



GIVING BACK

Cenzic University Program

Part of the **No Website Left Behind™** Initiative

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Background

Traditionally, security hasn't been a significant piece of a University Computer Science curriculum. Most curriculums focus on coding for functionality and performance along with speed and efficiency.

From an historical perspective, security issues started with desktop security in the 1980s with viruses. In the late 1990s, with the advent of the Internet, enterprises started focusing on network security. By the mid 2000's, with network security much tighter than before, hackers started attacking Web applications which were more insecure and vulnerable.

Web applications and e-commerce are today's storefronts. A Website can be the great equalizer, and a chance to look and feel like a larger business. Nearly 80% of all businesses with Web access have public Websites, and many of those are engaged in ecommerce, taking orders and accepting credit cards online. A corporate Website transforms the landscape in which applications are used, from an environment of limited access to one providing wide-open, 24x7 admission.

These complex Web applications — now comprising Web servers, interface code, front- and back-end applications, and databases — are the gateway to business success. But they also are fraught with danger.

With a critical shortage of programmers who understand how to write secure code, top corporations are struggling to secure their infrastructure and customer information. Cenzic is trying to bridge this gap and help the top global corporations to build a strong team of programmers who have a solid foundation in secure coding.

Partnering with Universities

With over 75% of the attacks happening at the Web application level, Cenzic has launched a multiple-pronged **No Website Left Behind™** initiative that targets both non-profit organizations and universities.

Cenzic believes that there is a compelling need for developers of the future to learn how to build secure code during the development process. The University Program has been created to partner with the key Universities with a focus on computer science programs to strengthen their curriculum for secure coding.

Since Universities have limited resources and funding, Cenzic provides its Cenzic Hailstorm Professional software product for free for Universities to use in their course work. Due to the sensitive nature of the product, its usage is restricted for the use of the students in the University's lab network. The goal of this program is to arm the future generation of developers with hands-on secure coding skills to thwart cyber attacks proactively.

University Program Highlights

The University Program was created to help Universities train their students on **secure coding**. The key elements of the program are as follows:

- Cenzic provides its desktop software product, Cenzic Hailstorm Professional, free of charge, to the University as part of their Computer Science curriculum,
- If needed, Cenzic can assist in developing the secure coding curriculum with the University faculty,
- Cenzic is open to security expert speaking engagements at the University, given enough prior notice,
- With prior University consent, Cenzic may request University staff to talk with the press, other customers, and partners as appropriate,
- The University will be listed on Cenzic's University Program and customer sections of its website, and
- University recruitment phone numbers will be provided to all our customers who are in need of hiring developers.

Benefits to the University

- Free software to help build a strong computer science curriculum.
- The University's students will possess cutting-edge security coding skills, making them highly sought-after by top corporations.

Benefits to Cenzic

- Better community relations
- Constructive feedback on how Cenzic's software product
- Public relations

Deployment steps

1. University signs the Cenzic University Program contract which highlights key terms for product use.
2. Cenzic initiates a virtual kick-off meeting via WebEx with key technical people from the University to understand the requirements and infrastructure.
3. Cenzic assists (if needed) the University with the initial product deployment by providing an overview of the product and functionality via a WebEx training.
4. The University will deploy the product for student use in their lab network and provide feedback to Cenzic on a monthly basis.

Contact Us

If you are a University interested in this program, please send an email to **Mandeep Khara, CMO**: Mandeep@cenzic.com with details on your current computer science program and your objectives in using Cenzic Hailstorm Professional. He will review your submittal and then send you the necessary agreements to get started.