APPLICATION SECURITY

Excellium works with you, hand in hand, to integrate the security in your Continuous Integration Platform/Software Development Life Cycle, as if we were part of your team!

In this way, you will significantly improve your security posture, with measurable and demonstrable results.

“Over 70 percent of security vulnerabilities exist at the application layer, not the network layer “
From Gartner
Applications are the security belt of any business – and today they are under attack more than ever. Anyone building software has to react to these kind of threats. In addition, the cloud evolution needs recurrent and appropriate measures.

Excellium’s Intrusion & Application Security team has developed a complete suite of Application Security services to support your concerns regarding the lack of:

- Application security skills and resources within the organization,
- Security requirements in business and technical specifications,
- Integrated tools to review your security into your Application Software Development Life Cycle.

Excellium has gathered a team of experienced developers to create the Application Security team. These development security experts ensure that your developers are following secure development techniques. They continuously learns new attack vectors to identify and create the best defensive measures.

In addition, your staff will be trained through various security modules (discover the program on [www.university.excellium-services.com/product/secure-development/](http://www.university.excellium-services.com/product/secure-development/)).
Excellium will provide you several elements allowing you to enhance your application security posture via the integration of security into your Software Development Life Cycle.

- Integration of the security checks in your continuous integration platform,
- Web and Mobile application vulnerability assessments in order to identify the weaknesses,
- Vulnerabilities' correction, hands-on technical support as advice or code (code snippets, libraries and tools),
- SLDC audit reports with a detailed and pragmatic improvement roadmap, making it easy to process,
- Integration of protection components within your Continuous Integration Platform and your SLDC, Multi-Factor Authentication, etc,

We can help you to decrease your attack surface, with direct effects to reduce the risk of damage and economic losses for your business and reputation due to one of your applications being compromised.

On top of this, as your security level matures, you will be able to measure and demonstrate it. Showing your maturity level will give you a clear advantage in a rapidly evolving and highly competitive market.

We create trust in your business by:
- improving the security of applications
- allowing you to create secure software.

The services provided by our Application Security team will help you to increase the level of trust you and your clients have in the software developed by or acquired for your company.
Our engineers rely on the most mature and relevant technologies to help them in this challenging mission.

They have their own Secure Software Development Life Cycle with a Continuous Integration Platform developed with a security mindset, including static and dynamic code source analysis but also security checks in dependencies. Consequently, they are able to help you including the security in your own SDLC. Because some of the security controls can be expensive, they also provide Static Application Security Testing (SAST) as a service.

Enablement and improvement of the Secure Software Development Life Cycle (SSDLC)

- Train DEV and OPS teams
- Identify and integrate abuse cases in specifications / user stories
- Review design for security measures
- Integrate hardening recipes into environment provisioning
- Review source code for vulnerabilities

The number one problem is being able to hire enough security people to get the job done. There are many jobs and just not nearly enough talented security professionals to get those jobs done.»

Jim Manico, Founder of Manicode Security, OWASP Volunteer

Checkmarx is positioned as a Leader in Gartner Magic Quadrant for Application Security Testing solutions. It is the only solution capable of scanning pure source code without any dependencies.

Qualys is also positioned in Gartner. This tool can identify vulnerabilities including cross-site scripting (XSS) and SQL injection and produce consistent results. Qualys reduces false positives, and easily scales to cover thousands of websites.

We are basing our support on these well-known technologies to provide the best response to these new Application Security challenges.