ImmuniWeb Simplifies, Accelerates, and Reduces Costs of Application Security Testing, Protection, and Compliance for over 1000 Customers

ImmuniWeb disrupts traditional application security testing by delivering web and mobile application testing augmented with proprietary machine-learning technology and human testing.

Gartner

ImmuniWeb has woven together machine learning with its own expert testers to confidently offer unique zero false-positive SLA.

IDC
Risk-Based and Threat-Aware Application Security Testing (AST)

Advanced AST
- Web, Mobile, Cloud & API
- Penetration Testing and Red Teaming

Standard AST
- Web, Mobile, Cloud & API Vulnerability Scanning

Essential AST
- Software Composition Analysis
- Open Source Security

Attack Surface Management
Dark Web Monitoring
Cyber Threat Intelligence

ImmuniWeb® AI Platform
At ImmuniWeb, we always carefully listen to all our customers to continuously make our award-winning Platform even better to stay ahead of the rapidly evolving cyber threats. This unique synergy helps us maintain the customer retention rate above 90%.

Dr. Ilia Kolochenko
Chief Architect & CEO
API Penetration Testing

Test your microservices and APIs for SANS Top 25 and OWASP API Security Top 10 vulnerabilities with ImmuniWeb® On-Demand API penetration testing.

Just upload your API schema in a Postman, Swagger, GraphQL or another format, customize your API security testing requirements, schedule the penetration test date and get your pentest report. The API penetration testing is accessible around the clock 365 days a year.

We deliver every API penetration test with a contractual zero SLA. If there false positive in your API penetration testing report, you get the money back. Detect all vectors of privilege escalation, authentication bypass, improper access control, and other sophisticated business logic vulnerabilities in your APIs, both in a cloud environment and on premise.

Our API penetration testing is provided with unlimited patch verification assessments, so your software developers can first fix the problems and then verify if the vulnerabilities have been properly remediated. Download your report in a PDF format or export the vulnerability data into your SIEM or WAF via our DevSecOps and CI/CD integrations. Enjoy 24/7 access to our security analysts may you have any questions or need assistance during the API penetration test.
Run unlimited scans of your APIs and microservices for OWASP API Top 10 vulnerabilities with ImmuniWeb® Neuron premium security scanning

Customize your API security scanning requirements and authentication including SSO and MFA. Schedule recurrent API scans in a few clicks and configure email notifications about completed API scans.

Our API security scanning is provided with a contractual zero SLA. If there false positive in your API security scanning testing report, you get the money back. Additionally, our award-winning Machine Learning technology provides better vulnerability detection and coverage rate compared to traditional software scanners that rely solely on heuristic vulnerability detection algorithms.

The API scanning reports are available via a multiuser dashboard with flexible RBAC access permissions. Our turnkey CI/CD integrations enable 100% automation of your web and API security testing within your CI/CD pipeline, both in a cloud environment and on premise. Our 24/7 technical support is at your service may your software developers have questions or need assistance during API security scanning.
The non-intrusive and production-safe discovery process will rapidly detect, classify and score the risks of all your external IT assets located both on premise or in a multi-cloud environment. Find outdated or vulnerable software, expiring domains and SSL certificates, exposed or misconfigured systems, forgotten servers and shadow IT infrastructure including shadow cloud.

Detect leaked source code, container images or system snapshots available in third-party repositories. Visualize the geographical areas and countries where your data is physically stored for the compliance and data localization purposes. Moreover, all your IT assets are searched for mentions in the Dark Web to ensure risk-based and threat-aware attack surface management. Setup granular email alerts to your team for any newly discovered IT assets, misconfigurations, vulnerabilities or security incidents. Use groups and tags for asset management and triage.

Our attack surface management solution is provided at a fixed monthly price per company regardless of the number of your IT assets, security events or incidents. Leverage our API to synchronize the attack surface management data flow directly with your SIEM or other internal systems, or export selected findings into a PDF or XLS file.
Test your web applications, cloud-native apps or APIs hosted in AWS, Azure, GCP or other cloud service providers (CSP) with ImmuniWeb® On-Demand cloud penetration testing.

Customize your cloud penetration testing scope and requirements, schedule the penetration testing date and get your cloud penetration test report. The cloud penetration testing is accessible around the clock 365 days a year.

Our cloud penetration testing is provided with a contractual zero SLA. If there false positive in your penetration testing report, you get the money back. Detect OWASP Top 10 and SANS Top 25 vulnerabilities, as well as OWASP API Top 10 weaknesses, CSP-specific security issues and misconfigurations. Uncover what can be done with cloud IMDS pivoting and privilege escalation attacks by exploiting excessive access permissions or default IAM policies in your cloud environment.

Every cloud penetration test is provided with unlimited patch verification assessments so your cloud engineers can fix the security flaws and then validate, at no additional cost, that everything has been properly remediated. Download your cloud penetration test report from the interactive and user-friendly dashboard into a PDF file or just export the data directly into your SIEM via our DevSecOps and CI/CD integrations. Enjoy 24/7 access to our security analysts may you need any assistance during the cloud penetration test.
In contrast to other vendors, you don’t need to provide us with your cloud IAM account: just enter your company name to start searching for your exposed cloud assets and endpoints of AWS, Azure, GCP and over 50 other public cloud service providers (CSP) around the globe. Detect shadow cloud resources or unwarranted cloud usage that may violate compliance requirements.

Our award-winning cloud security posture management rapidly detects your externally visible cloud assets including cloud computing instances, data storage, gateways, load balancers, databases, and various APIs or endpoints of cloud services. In addition to assessing your cloud attack surface for various misconfigurations, such as excessive access permissions or insecure IAM policies, we also visualize your geographical data storage for compliance and regulatory purposes.

Leverage our API to synchronize the cloud security posture management data flow with your SIEM or cloud-native monitoring systems, or simply export the findings into a PDF or XLS file. Enjoy a fixed monthly price per company regardless of the number of cloud assets, endpoints or security events. Customize instant alerts to relevant people in your DevOps or cybersecurity team once a misconfiguration is detected in your cloud.
Continuous Penetration Testing

Outperform traditional penetration testing with 24/7 continuous penetration testing by ImmuniWeb® Continuous offering

We rapidly detect new code, functionalities or features in your web applications and APIs and then test the changes for security vulnerabilities, compliance or privacy issues in real time. Once a security issue is identified and confirmed, you will be immediately alerted by email, SMS or phone call in case of emergency.

For all customers of continuous penetration testing, we offer a contractual zero false positives SLA and money-back guarantee: if there is a single false positive on your continuous penetration testing dashboard, you get the money back. Our award-winning technology and experienced security experts reliably detect SANS Top 25 and OWASP Top 10 vulnerabilities, including the most sophisticated ones that may require chained or otherwise untrivial exploitation.

Leverage our integrations with the leading WAF providers for instant virtual patching of the discovered vulnerabilities. Request to re-test any finding with one click. Ask our security analysts your questions about exploitation or remediation of the findings at no additional cost. Get a customizable live dashboard with the findings, download vulnerabilities in a PDF or XLS file, or use our DevSecOps integrations to export the continuous penetration testing data into your bug trackers or SIEM.

Free Demo  Learn More
Bundled with our award-winning attack surface management technology, the cyber threat intelligence will automatically search for security incidents implicating any of your systems, domain names, applications, servers, clouds, brands or users, including shadow IT assets and shadow cloud resources. Just enter your company name to get all mentions of your company or its IT assets on the Dark Web, hacking forums, underground marketplaces or Telegram channels. Our award-winning Machine Learning technology removes duplicates and fakes, offering reliable cyber threat intelligence feeds. Get instant alerts about the ongoing phishing campaigns, squatted domain names, fake accounts on social networks or malicious mobile apps usurping your corporate identity. Detect indicators of compromise (IoC) of your on-premise or cloud-based systems, as well as any mentions of your systems in various blacklists for suspicious or hacking activities.

Dispatch instant alerts about new security incidents, data leaks and cyber threats to relevant people in your DFIR or legal team by using groups and automated incident classification on the interactive dashboard. Export the cyber threat intelligence findings into a PDF or XLS file, or just dispatch them directly into your SIEM by using our API. Enjoy a fixed price per company regardless of the number of security incidents and mentions on the Dark Web. Our security analysts are here to help may you need details or support.
Discover your data leaks, stolen credentials, backdoored systems and stolen documents on the Dark Web with ImmuniWeb® Discovery Dark Web monitoring.

Just enter your company name to launch the Dark monitoring enhanced complemented by the continuous monitoring of phishing campaigns, domain squatting, fake social network accounts, malicious mobile apps usurping your corporate brand, and indicators of compromise (IoC) of your on-premise or cloud-based IT assets.

Monitoring of underground marketplaces and hacking forums is enhanced with 24/7 surveillance of paste websites, social networks, IRC and Telegram channels. In contrast to other vendors, our Dark Web monitoring is bundled with our attack surface management technology to automatically detect all mentions of any of your IT systems, domain names, servers, cloud instances, applications or users on the Dark Web without the need to enter them manually, as well as to discover compromised shadow IT assets and shadow cloud resources.

Browse risk-based security incidents on the user-friendly, interactive and customizable dashboard, export the findings into a PDF or XLS file, or use the API to automatically synchronize the data with your SIEM system. Enjoy a fixed monthly price per company regardless the number of security incidents, mentions or leaks in the Dark Web. Our security analysts are here to help may you need additional details or support.
Combined with our attack surface management technology, our digital brand protection offering rapidly brings to your attention cyber- and typo-squatting domains, ongoing phishing campaigns, fake accounts in social networks, and malicious mobile applications imitating your corporate brand or usurping your identity.

Just enter your company name to launch the continuous monitoring of cyber risks and threats on the Internet including Dark Web. Detect fraudulent websites that imitate your branded design or misuse your corporate logo for fraudulent, unwarranted or illicit purposes. Spot copyright and trademark infringements as soon as they occur with our award-winning digital brand protection technology.

Enjoy a fixed monthly price per company regardless the number of your domains, security incidents or phishing campaigns. Customize instant alerts to relevant people in your DFIR or legal team. Leverage our API to synchronize the digital brand protection data flow with your internal systems, such as SIEM, or just export the findings into a PDF or XLS file. Our security analysts are here to help may you need additional details, investigation or support.
Each penetration test is provided with a contractual zero false positives SLA and money-back guarantee: if there is a single false positive in your penetration testing report, you get the money back. Customize your penetration testing requirements, schedule the penetration testing date and get your report that you can share with external or internal auditors. The GDPR penetration testing is accessible around the clock 365 days a year.

Detect the full spectrum of SANS Top 25 and OWASP Top 10 security vulnerabilities and weaknesses in your web applications and APIs during the GDPR penetration test conducted by our team of security experts. Get actionable insights about privacy misconfigurations that may violate GDPR compliance or other regulatory requirements. Leverage our integrations with the leading WAF providers for one-click virtual patching of the discovered security flaws.

Our GDPR penetration testing is provided with unlimited patch verification assessments, so your software developers can first fix the problems and then verify if the vulnerabilities have been properly remediated. Download your GDPR penetration testing report in a PDF format or export the vulnerability data into your SIEM via our turnkey DevSecOps integrations. Enjoy 24/7 access to our security analysts may you have any questions or need assistance during the penetration test.
Test your mobile application security, compliance and privacy with ImmuniWeb® MobileSuite mobile penetration testing

Just upload your iOS or Android mobile app, customize your penetration testing requirements, schedule the penetration test date and download your mobile penetration test report. Verify whether your mobile app’s privacy and encryption mechanisms conform to the industry best practices, and detect dangerous misconfigurations affecting your mobile app’s backend and APIs.

Our mobile penetration testing is equipped with a contractual zero false positives SLA and a money-back guarantee: if there is a single false positive in your penetration testing report, you get the money back. Detect OWASP Mobile Top 10 weaknesses in your mobile app and discover SANS Top 25 and OWASP API Top 10 vulnerabilities in the mobile app’s backend including APIs and web services. Run a Black Box or authenticated security testing using SSO, MFA or OTP authentication mechanisms. The mobile penetration testing is accessible around the clock 365 days a year.

Leverage our unlimited patch verification assessments after the mobile penetration test, so your software developers can easily validate whether all the findings have been properly patched. Export vulnerability data from your interactive dashboard to a PDF or XLS file, or just get the mobile penetration testing data directly into your SIEM or bug tracking system for faster remediation via our DevSecOps integrations. Enjoy 24/7 access to our security analysts if you have questions or need assistance during the test.
Detect OWASP Mobile Top 10 weaknesses in all your mobile apps with ImmuniWeb® Discovery mobile security scanning

The mobile security scanning offering is bundled with our award-winning attack surface management to first detect all your mobile applications available public app stores and then to scan all of them. Just enter your company name to start a non-intrusive discovery process and get a comprehensive list of all your iOS and Android mobile apps available in over 30 public stores, such as Google Play or Apple Store.

Automated SAST, DAST and SCA mobile security scanning will be automatically launched on the discovered mobile apps to detect OWASP Mobile Top 10 vulnerabilities and weaknesses. On top of the mobile vulnerability scanning, we will also detect excessive or dangerous mobile app permissions, missing or weak encryption, and suspicious external communications of the mobile app. Additionally, a broad spectrum of privacy, compliance and encryption checks will be conducted to ensure that your mobile apps are in compliance with the regulatory laws including GDPR.

While your mobile security scanning subscription is valid, you may upload unlimited number of mobile apps that belong to your company at no additional cost in case they are not automatically discovered or are unavailable in public app stores. Our security analysts are available 24/7 to answer your questions about the findings. All features, including the unlimited security scanning of all your mobile apps, are available at a fixed monthly price per company.
Discover your externally accessible network devices and services with ImmuniWeb® Discovery network security assessment offering

Just enter your company name to get a comprehensive visibility of your external servers, network and IoT devices, and other IT assets hosted both on premise and in a multi-cloud environment. The network security assessment offering is bundled with our award-winning attack surface management technology to ensure that all your network services are detected and assessed, including shadow IT and shadow cloud infrastructure that may lead to disastrous data breaches.

During the non-intrusive network security assessment, every open network port is carefully analyzed with our smart fingerprinting technology to detect the running network service and its version to provide you with a risk-based scoring for each of your network IP address. Unlike the traditional network vulnerability scanning solutions, our production-safe network scanning technology will not disrupt or slow down your network services, while getting all the information.

Detect shadow, abandoned or forgotten servers and network equipment with critical vulnerabilities. Reduce your network attack surface to accelerate and cut the costs of network penetration testing or PCI DSS scanning. Dispatch instant alerts to the relevant people in your team by using groups, tags and alerts on the interactive dashboard. Export vulnerability data via the API into your SIEM or simply get the findings in a PDF or XLS file. Enjoy a fixed monthly price per company regardless the number of network assets and services.
Meet the PCI DSS penetration testing requirements for your web applications and APIs with ImmuniWeb® On-Demand, PCI DSS penetration testing

Configure your penetration testing requirements and scope, schedule the penetration testing date, and get the PCI DSS penetration testing report. Detect the full spectrum of OWASP Top 10, PCI DSS 6.5.1-6.5.10, and SANS Top 25 security vulnerabilities in your systems that store or process payment card data as mandated by the PCI DSS standard. The PCI DSS penetration testing is accessible around the clock 365 days a year.

Our PCI DSS penetration testing is provided with a contractual zero false positives SLA and a money-back guarantee: if there is a single false positive in your penetration testing report, you get the money back. After completing the penetration test, run unlimited vulnerability verification assessments at no additional cost, so your software engineers can easily check whether the detected security vulnerabilities have been reliably fixed, as required by the PCI DSS standard.

Get a multirole dashboard with the findings, download the PCI DSS penetration testing report in a PDF format to share with internal or external auditors, or leverage our DevSecOps integrations to export the data directly into your bug tracking systems or SIEM. Use our technology partnerships with the leading WAF providers for one-click virtual patching of the detected security vulnerabilities. Enjoy 24/7 access to our security analysts may you have any questions or need assistance during the penetration test.
Red Teaming Exercise

The Red Teaming exercise is tailored for your cybersecurity strategy and company- or industry-specific cyber threat landscape. When creating your Red Teaming project, just indicate the attack scenarios, specific cyber threats or known cyber threat actors whose specific behavior or intrusion tactics you wish to simulate. You may attach a detailed scenario or just briefly indicate key attack vectors and methods you wish us to launch against your web systems. The Red Teaming exercise is available 24/7 365 days a year.

Our cybersecurity analysts will carefully go through the attack plan and get back to you in case of questions or suggestions on how to expand it. The Red Teaming report will elaborate the hacking tactics, techniques and procedures (TTP) and the obtained results equipped with a threat-aware risk scoring and detailed remediation guidelines for your software developers and DevOps engineers. May you have any questions or need assistance, our team remain at your disposal 24/7 during the Red Teaming exercise at no additional cost.

The Red Teaming exercise is provided with a contractual zero false positives SLA with unlimited patch verification assessments, so your software developers can verify that all security flaws have been properly fixed. The Red Teaming exercise report is available on a user-friendly dashboard, can be downloaded as a PDF file, or simply exported into your SIEM thanks to our turnkey DevSecOps integrations. One-click virtual patching is also available for the leading WAFs.

Conduct highly customizable Red Teaming exercises with ImmuniWeb® On-Demand web application penetration testing offering

Free Demo  Learn More
The software composition analysis is bundled with our award-winning attack surface management technology to ensure that all your web applications and websites are visible, including shadow IT and cloud shadow resources. Just enter your company name to illuminate all your external web systems and see the full spectrum of software they use.

Get a comprehensive inventory of all your open-sourced and proprietary web software including various web content management systems and frameworks, JavaScript libraries and other software dependencies. The software composition analysis technology reliably fingerprints your web software and its version to detect publicly disclosed or otherwise known vulnerabilities with or without CVE-IDs. The entire process is non-intrusive and production-safe and will not slowdown or disrupt your websites. Our proprietary database of vulnerable, outdated or backdoored software versions has over 10,000,000 entries.

Export the findings from a user-friendly dashboard to a PDF or XLS file, use the API to send the data directly to your SIEM or bug tracking systems. Dispatch instant alerts about newly discovered software that contains known vulnerabilities or backdoors to relevant people in your team by using groups, tags and alerts on the interactive dashboard. Enjoy a fixed monthly price per company regardless the number of web applications and websites you have.
Third-Party Risk Management

Prevent supply chain attacks and mitigate third-party risks with ImmuniWeb® Discovery third-party risk management

The third-party risk management offering is bundled with our award-winning attack surface management technology and is also enhanced with Dark Web monitoring to ensure inclusive visibility of cybersecurity risks and threats that external suppliers may pose for your business. The third-party risk management is available both as a one-time assessment and continuous security monitoring for business-critical vendors.

Just enter the name of your supplier or vendor to get a comprehensive snapshot of its external attack surface, misconfigured or vulnerable systems and applications, unprotected cloud storage, mentions on the Dark Web and data leaks, stolen credentials or compromised systems, ongoing phishing or domain squatting campaigns. The entire process is non-intrusive and production-safe, making it a perfect fit for your third-party risk management program. Our security analysts are available 24/7 may you have questions about the findings or need further assurance.

Get the risk-scored findings on the interactive dashboard where your vendors can also connect to see the details and rapidly remediate the problems. Prevent surging supply chain attack by taking your vendor risk management program to the next level. Fulfill the compliance requirements to regularly audit third-party systems that process personal, financial or other regulated data of your company. Enjoy a fixed price per vendor regardless the number of IT assets, mentions on the Dark Web or number of security incidents.
WAF Security Testing

WAF is a foundational security control, however, because of various misconfigurations it can often be futile. Our WAF security testing is bundled with the web application penetration testing aimed to discover the full spectrum of SANS Top 25 and OWASP Top 10 vulnerabilities in your web applications, microservices and APIs. Once all security vulnerabilities are detected, our security experts will try to exploit them and bypass your WAF.

Our WAF security testing offering is equipped with a contractual zero false positives SLA and a money back guarantee: if there is a single false positive in your web penetration testing report, you get the money back. Verify whether your WAF configuration properly mitigates sophisticated vectors of SQL injection, RCE and XSS attacks, as well as improper access control, authentication bypass and privilege escalation in your web application and APIs. Finetune and enhance your WAF configuration afterwards.

The penetration testing reports with WAF security testing and bypass analysis are available via a multiuser dashboard with RBAC access permissions. Our turnkey CI/CD integrations enable 100% automation of your web and API security testing within your CI/CD pipeline, both in a multi-cloud environment and on premise. Our 24/7 technical support is at your service may your software developers have questions or need assistance during the WAF security testing process.
Test your web applications and APIs for SANS Top 25 and OWASP Security Top 10 vulnerabilities with ImmuniWeb® On-Demand web penetration testing.

Customize your web penetration testing scope and requirements, schedule the penetration testing date and download your penetration testing report. The penetration testing is accessible around the clock 365 days a year.

Our web application penetration testing is equipped with a contractual zero false positives SLA and a money-back guarantee: if there is a single false positive in your web penetration testing report, you get the money back. Detect all vectors of privilege escalation, authentication bypass, improper access control, and other sophisticated business logic vulnerabilities in your web applications and APIs, both in a cloud environment and on premise. Discover privacy and compliance misconfigurations in your web applications that may lead to penalties for non-compliance.

The web penetration testing is provided with unlimited patch verification assessments, so your software developers can first fix the problems and then verify if the vulnerabilities have been properly remediated. Download your penetration testing report in a PDF format or export the vulnerability data into your SIEM or WAF via our DevSecOps and CI/CD integrations. Enjoy 24/7 access to our security analysts may you have any questions or need assistance during the web penetration test.

Free Demo  Learn More
Run unlimited scans of your web applications and APIs for OWASP Top 10 vulnerabilities with ImmuniWeb® Neuron premium web security scanning

Select your targets, customize your web security scanning settings and setup authentication scanning if necessary, including SSO and MFA authentication. Schedule recurrent web security scans in a few clicks and configure instant email notifications about completed scans, dispatching relevant scan reports to your team in a flexible and easily configurable manner.

Our web security scanning is provided with a contractual zero SLA. If there false positive in your web security scanning testing report, you get the money back. Additionally, our award-winning Machine Learning technology provides better vulnerability detection and coverage rates compared to traditional software scanners that use only heuristic vulnerability detection algorithms.

Web security scanning reports are available via a multiuser dashboard with RBAC access permissions. Our turnkey CI/CD integrations enable 100% automation of your web and API security testing within your CI/CD pipeline, both in a multi-cloud environment and on premise. Our 24/7 technical support is at your service may your software developers have questions or need assistance during web security scanning.
ImmuniWeb leverages our award-winning AI technology for intelligent automation and acceleration of laborious tasks and processes, saving as much as 90% of human time compared to traditional MSSPs.

Our security experts handle only to the most complicated tasks and processes that truly deserve human intelligence thereby offering the best quality and best price of service on the global market.

Gartner® peer insights™

4.8 out of 5

Proven Industry Recognition
We used ImmuniWeb for some of our products and we have been highly satisfied from the provided service as valid vulnerabilities with no false positives were identified. The report ImmuniWeb delivered to us was quite clear in terms of the classifications and the description of the identified vulnerabilities, linking to the corresponding CVE and the fix recommendations. We recommend ImmuniWeb to other vendors to make their web products secure.

We believe ImmuniWeb platform would definitely address the common weaknesses seen in manual assessments. The AI-assisted platform not only automates the assessments, but also, executes them in a continuous, consistent and reliable fashion. Admittedly, the platform would definitely add quick wins and great ROI to its customers on their investment.

The report was very detailed and clearly explained the risk at executive level, a great assistance in taking the report to senior management. I would have no hesitation in recommending ImmuniWeb.

ImmuniWeb is an efficient and very easy-to-use solution that combines automatic and human tests. The results are complete, straightforward and easy to understand. It’s an essential tool for the development of the new digital activities.
ImmuniWeb® AI Platform provides award-winning IT asset discovery and inventory, third-party risk management, continuous monitoring and security testing to help your organization meet emerging regulatory and compliance requirements in a simple and cost-effective manner.

- GDPR
  - EU & UK GDPR

- HIPAA
  - HIPAA / HITECH

- California CCPA, CPRA

- ISO
  - ISO 27001

- Singapore MAS

- Singapore PDPA

- FTCA, GLBA, FCRA/FACTA

- PCI DSS

- NIST

- New York SHIELD, NYDFS

- Brazil LGPD

- Hong Kong PDPO

- South Africa POPIA

- India IT Act

- Singapore PDPA
ImmuniWeb outperformed IBM Watson for Cybersecurity and won in the “Best Usage of Machine Learning and AI” category.

One Platform. All Needs.