Dynamsoft™

DYNAMSOFT SECURITY WHITEPAPER

At Dynamsoft, we prioritize the security of our customers' data and systems.

At Dynamsoft, we understand that security is of the utmost importance to our customers. We take security very seriously and have implemented a number of measures to ensure the safety and security of our customers' data and systems. In this document, we outline our security practices and certifications to give you confidence in our ability to provide you with secure products.

About Dynamsoft

Dynamsoft is a Canadian company specializing in computer vision developer tools. We focus on helping developers integrate barcode scanning and document capture into web, desktop and mobile applications to streamline workflows and cut costs. Our Software Development Kits (SDKs) are optimized for security, accuracy and speed in the most rigorous enterprise settings. We've been trusted by global financial, logistics, retail and healthcare companies for the past 19 years.

Dynamsoft provides on-premise SDKs for barcode scanning and document capture. It is important to note that we do not have any exposure or access to your business or customer data during your application usage. Your data stays secure, encrypted and within your network. Dynamsoft does not transmit, store, or process any personal identifiable information or sensitive data. This eliminates the need for additional data processing agreements.
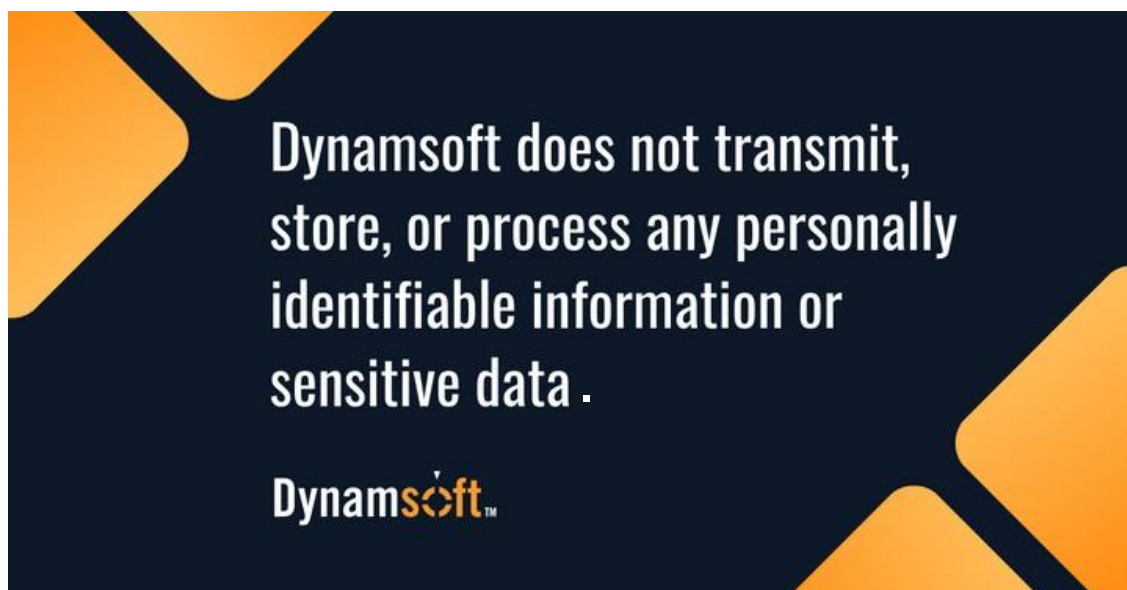
We offer an optional Dynamsoft license service for license activation and usage tracking only. This ensures that our products are being used in compliance with our licensing agreements and allows you to check and manage your license usage such as the number of barcode scans, active browser clients, or concurrent devices per certain period.

If you prefer not to use the Dynamsoft License Server, we also provide offline license and self-host license server options to fit your needs.

Certifications

ISO 27001

We are proud to be certified to ISO 27001, the international standard for Information Security Management Systems (ISMS). This certification ensures that we have implemented a robust framework, which includes risk assessment and management, access control, incident management, security training and awareness and, business continuity, for managing and protecting sensitive information. Our ISMS is regularly audited by independent third-party auditors to ensure we are in compliance with the standard and that we are continually improving our security practices.

O-TTPS

Dynamsoft proudly holds the prestigious Open Trusted Technology Provider™ Standard (O-TTPS) certification, demonstrating our commitment to meeting the rigorous requirements outlined in the O-TTPS Certification Program for Open Trusted Technology Provider™ V1. Our certification encompasses a comprehensive range of solutions, including Enterprise Class Document Capture, Barcode Scanning, and Data Capture SDKs.

The Open Trusted Technology Provider™ Standard (O-TTPS) (ISO 20243:2018), established by The Open Group®, serves as a beacon of trust in the realm of commercial off-the-shelf (COTS) information and communication technology (ICT) products. It offers a robust framework of guidelines, recommendations, and requirements designed to safeguard against the infiltration of maliciously tainted and counterfeit products throughout their lifecycles.

GDPR and HIPAA Compliance

Integrating Dynamsoft's SDK(s) can assist you in meeting security or compliance requirements such as GDPR or HIPAA. This is because our SDKs can operate entirely within your local network and on your device, thereby ensuring that no transmission of sensitive data occurs to Dynamsoft servers.

Software Development Security

At Dynamsoft, we take software development security very seriously. As part of our commitment to security, we follow a number of best practices throughout the software development lifecycle which include:

- **Code Review:** Code review is an important part of our software development process. Code review is done to ensure that the code is secure, efficient, and meets our coding standards. We also use automated tools to help identify potential security vulnerabilities in the code.

- **Static Code Scanning:** We use static code scanning tools to analyze our code for potential security vulnerabilities. These tools help us identify security flaws early in the development process before they can be exploited by attackers.

- **Secure Coding Practices:** Our developers are trained in secure coding practices to ensure our software is secure by design. This includes following coding standards, using secure coding techniques, and avoiding common coding mistakes that can lead to security vulnerabilities.

Dynamsoft License Server Security

Although the products are on-premise, Dynamsoft does provide an optional online license server for customers to authorize Dynamsoft products and manage license usage securely. Our license server is hosted on AWS that provides a high level of security.

Dynamsoft license service doesn't collect any personal information. The license server is used to help you manage your license usage and

- We use encryption to protect sensitive data both in transit and at rest. This includes using secure protocols for communication, such as HTTPS, and encrypting data stored in databases and other storage systems.

- We regularly perform technical assessments on our license server. This helps us ensure that our software is secure against real-world attacks.

- In the event of a security incident, we have a well-defined incident response process in place. This includes procedures for identifying and containing the

incident, notifying affected parties, and conducting a post-incident review to identify areas for improvement.

- We also provide backup service and do regular backup and restoring testing to ensure the availability of the license service

Also, Dynamsoft license service comes with the following security features to further help you protect your licensing information:

- Support for application binding. With application binding, authorization to use the SDK is only granted to requests sent from the application that has its ID, name or domain.

- Support for session password to avoid abuse.

- Dynamsoft License Server is responsible for authorizing the SDKs as well as tracking the usage. It is designed to send/receive static data only when requested. No script can be run remotely on Dynamsoft License Server nor from Dynamsoft License Server to the requesting clients.

- Authorizations sent back by Dynamsoft License Server and usage reports sent to Dynamsoft License Server are specially encrypted and cannot be deciphered by any other party. Usage reports do not contain any images, documents, personal information or sensitive data.

You can learn more by checking [Dynamsoft License Server Security FAQ.](#)

Dynamsoft is committed to protecting its customers' data and systems. Our ISO 27001 certification, software development security, and license service security are just some of the measures we have implemented to ensure that you can trust us. You may also check our [Privacy Statement](#) to learn about personal information management on our website. If you have any questions about our security practices or would like to learn more, please contact us at support@dynamsoft.com.