

# KREDIVO SECURITY, PRIVACY, AND ARCHITECTURE

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## **FinAccel's Corporate Trust Commitment**

FinAccel is committed to achieving and maintaining the trust of our customers. Integral to this mission is providing a robust security and privacy program that carefully considers data protection matters across our suite of services, including data submitted by customers to our services ("Customer Data").

## **Services Covered**

This documentation is applicable to the services branded as Kredivo (collectively, the "Kredivo Services"), provided by FinAccel. This documentation describes the architecture of, the security and privacy-related audits and certifications received for, and the administrative, technical, and physical controls applicable to the Kredivo Services.

## **Third-Party Architecture**

The architecture used by FinAccel to host Customer Data submitted to the Kredivo Services is provided by a third-party provider, Alibaba Cloud ("Aliyun"). Currently, the architecture hosted by Aliyun in the provisioning of the Kredivo Services is located in Indonesia.

Additionally, a portion of customer support for the Kredivo Services is provided using third-party technology, being hosted on the third-party's architecture.

## **Audits and Certifications**

The following security and privacy-related audits and certifications are applicable to the Kredivo Services:

- GeoTrust SSL Certificates: All Kredivo Services secure and transmit user data using [GeoTrust SSL certificates](#).

Additionally, the Kredivo Services undergo security assessments by internal personnel and third parties, which include infrastructure vulnerability assessments and application security assessments, on at least an annual basis. Information about security and privacy-related audits and certifications received by Aliyun, including information on ISO 27001 certification and Service Organization Control (SOC) reports, is available in [Aliyun Trust Center](#).

## **Security Controls**

The Kredivo Services include a variety of security controls. These controls include:

- Unique user identifiers (user IDs) to ensure that activities can be attributed to the responsible individual;
- Password length controls;
- Password complexity requirements for Web and mobile access to the Kredivo Services;
- 2 Factor Authentication for transactions made using the Kredivo Services;

## **Security Procedures, Policies, and Logging**

The Kredivo Services are operated in accordance with the following procedures to enhance security:

- User passwords are stored using a salted hash format and are never transmitted unencrypted;
- User access log entries will be maintained, containing date, time, URL executed or entity ID operated on, the operation performed (viewed, edited, etc.) and source IP address. Note that source IP address might not be available if NAT (Network Address Translation) or PAT (Port Address Translation) is used by a customer or its ISP;
- Logs will be stored in a secure centralized host to prevent tampering;
- Passwords are not logged under any circumstances;
- No defined passwords are set by FinAccel;

## **Intrusion Detection**

FinAccel, or an authorized independent third party, will monitor the Kredivo Services for unauthorized intrusions using network-based intrusion detection mechanisms. FinAccel may analyze data collected by users' web browsers (e.g., device type, screen resolution, time zone, operating system version, browser type, and version, system fonts, installed browser plugins, enabled MIME types, etc.) for security purposes,

including to detect compromised browsers, to prevent fraudulent authentications, and to ensure that the Kredivo Services function properly.

## **Security Logs**

All systems used in the provision of the Kredivo Services log information to their respective system's log facility or a centralized Syslog server (for network systems) in order to enable security reviews and analysis.

## **Incident Management**

FinAccel maintains security incident management policies and procedures. FinAccel promptly notifies impacted customers of any actual or reasonably-suspected unauthorized disclosure of their respective Customer Data by FinAccel or its agents of which FinAccel becomes aware to the extent permitted by law.

## **User Authentication**

Access to the Kredivo Services, directly or via the Kredivo API, requires a valid user ID and password combination, or an API key/secret, both of which are encrypted via TLS while in transmission. Following successful authentication, a random session ID is generated and stored in the user's browser to preserve and track the session state.

## **Physical Security**

Production data centers used to provide the Kredivo Services have systems that control physical access to the data center. These systems permit only authorized personnel to access secure areas. The facilities are designed to withstand adverse weather and other reasonably predictable natural conditions, are secured by around-the-clock guards, physical access screening, and escort-controlled access, and are also supported by on-site back-up generators in the event of a power failure. Further information about the physical security provided by Aliyun is available from the [Aliyun Trust Center](#), including Aliyun's overview of security processes.

## **Reliability and Backup**

All networking components, load balancers, Web servers, and application servers are configured in a redundant configuration. All Customer Data submitted to the Kredivo Services is stored on a primary database server that is clustered with a backup

database server for higher availability. All Customer Data submitted to the Kredivo Services is backed up daily.

## **Viruses**

The Kredivo Services do not scan for viruses that could be included in attachments or other data uploaded into the Kredivo Services by customers.

## **Data Encryption**

The Kredivo Services use industry-accepted encryption products to protect Customer Data and communications during transmissions between a customer's network and the Kredivo Services, including 256-bit TLS Certificates and 256-bit AES encryption at a minimum.

## **Deletion of Customer Data**

Once a user is inactive (no transaction done for at least one year did not activate the account for three months), Customer Data will remain in inactive status on backup media for 90 days, after which it will be overwritten or deleted. This process is subject to applicable legal requirements. Without limiting the ability for customers to request return of their Customer Data submitted to the Kredivo Services, FinAccel reserves the right to reduce the number of days it retains such data after a user has reached inactive status. FinAccel will update this Kredivo Security, Privacy, and Architecture Documentation in the event of such a change.

## **Tracking and Analytics**

FinAccel may track and analyze the use of the Kredivo Services for the purposes of security and help FinAccel improve both the Kredivo Services and the user experience in using the Kredivo Services. FinAccel may also use this information and users' email addresses to contact customers or their users to provide information about the Kredivo Services. Without limiting the foregoing, FinAccel may share data about FinAccel customers' or their users' use of the Kredivo Services ("Usage Statistics") to FinAccel's service providers for the purpose of helping FinAccel in such tracking or analysis, including improving its users' experience with the Kredivo Services, or as required by law.

## **Interoperation with Other FinAccel Services**

The Kredivo Services may interoperate with other services provided by FinAccel.

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