

Biba Security Overview

WHAT IS
BIBA?

Biba is a smart way to communicate with anyone, with business chat, VoIP calling, scheduled and instant online meetings, video conferencing, and screen share.

With an affordable monthly subscription and the lowest dial-in rates in the industry, Biba can save you thousands a month while boosting internal and external collaboration.

www.biba.com

At Biba, we believe that the most secure systems provide security in layers. We are committed to security as a top priority for our customers.

Security principles and best practices underlie the Biba team's mission to build a product that not only helps you build a collaborative culture and a productive workforce, but also helps keep your organization safe and your company information secure.

Biba believes in progress and our team is constantly working to improving security around three foundational pillars:

- Team
- Process
- Technology

TEAM

Great security begins with people. If the team designing and building a product doesn't understand security, the product has no chance of being secure.

At Biba, security is core to our company DNA. Our CEO, founding team and entire core engineering team came from Symantec, the world leader in Internet Security. With these security veterans leading and driving the product forward, you are in good hands.

PROCESS

The Biba team has a documented set of security policies and best practices and drives continuous improvement in our security posture.

We use a variety of industry best practices to design, implement and maintain security, including:

- Design and architecture reviews of new components
- Ongoing security testing
- Automated deployments to make sure that we don't miss critical steps
- A wide variety of automated monitoring for both system up-time and unusual activity

- Severe restrictions to who has access to production data. Production data is not replicated into development or stage or other environments without sanitization.

TECHNOLOGY

Biba is a multi-tier cloud architecture with a variety of thick and thin (web, phone) clients. The following is a list of some of the procedures in place to maintain security:

- The Biba cloud is hosted in multiple, secure Amazon Web Services data centers. AWS has implemented strong network and physical security policies to protect against breaches of all types. In addition, their secure data centers have received multiple attestations and third-party compliance validations. For more details on AWS security, [visit here](#).
- We encrypt data in transit to and from the Biba service in the cloud with TLS Encryption on all HTTP requests and DTLS Encryption on all UDP streams.
- Meeting organizers can add an additional layer of privacy to meetings by locking calls with only authenticated users.
- We have a robust logging and alerting infrastructure.
- Access to back-end systems is limited to the specific developers, and remote access to critical resources is given via SSH-over-VPN.
- We enforce a consistent authorization framework across back-end services.
- Chat history is not maintained on disk on any of the clients, and administrators have a configurable retention policy (in number of days) that data is stored in the Biba cloud.
- Support for several authentication approaches (un-authenticated by design, user level, Single Sign-On).
- Strong password controls and management can be enforced through Single Sign On integration with PingOne, Okta, and OneLogin.

PROXY SUPPORT

Biba supports HTTPS (authenticated and non-authenticated) and SOCKS4 (non-authenticated) proxies for all Biba apps and the Outlook Add-in. The Biba client will auto detect the proxy config from the user's system settings and prompt, when needed, for authentication.

FIREWALLS

For customers with restrictive firewall environments, here is Biba's current host, IP and port configuration.

Service	Host	IP Address	Ports
API	api.biba.com	changes	TCP /443
Push	push.biba.com	changes	TCP /443
Audio	tincan01.ue1b.biba.com	107.23.93.141	UDP 7200-7203
Audio	tincan01.ue1c.biba.com	54.208.50.181	UDP /7200-7203
Screen	screen02.media.biba.com	changes	TCP /443
Screen	rtmp01.biba.com	changes	TCP /443
Video	video01-ctrl.ue1b.biba.com	changes	TCP /443
Video	video01-ctrl.ue1c.biba.com	changes	TCP /443
Audio/Video		52.71.127.192/26	
		107.23.93.141/32	TCP/443
		54.208.50.181/32	TCP/443
		54.165.66.47/32	UDP/7200-7300
		52.2.130.184/32	UDP/16384-17383
H.323		52.71.127.160/27	
		54.173.240.43/32	
		54.174.34.48/32	
		54.174.116.194/32	TCP/443
		54.174.80.97/32	TCP/1024-65535
		54.174.239.49/32	UDP/1024-65535
Web Screen Viewer	www.biba.com	varies	TCP/443
App Updates	s3.amazonaws.com	varies	TCP/443
Attachments	s3.amazonaws.com	varies	TCP/443
Email	mail.biba.com	198.61.254.45	

ADDITIONAL INQUIRIES

We are happy to share additional details about our system. If you have any questions, please don't hesitate to ask. We do, however, reserve the right to keep some aspects of this system confidential. For additional inquiries, please reach out to sales@biba.com.