Atlas - The Next-Generation Cloud Certificate Authority

For Today's Overleveraged Enterprise IT and Security Teams

While public key infrastructure (PKI) is generally recognized as one of the strongest foundations for information security, PKI continues to be a challenge for many companies. Global enterprises are losing million per year in costs and penalties as a result of mistakes with PKI. It requires a high level of training, in an area that is already dealing with a substantial shortage of qualified talent.

Additionally, as organizations scale in size, PKI complexity increases as well. There are more identities to manage, more touchpoints, and more considerations to factor in. The typical enterprise organization is running between 50-70 security programs or platforms and the teams managing them are struggling to keep up. And, with the booming Internet of Things (IoT) and DevOps market, the number of PKI use cases continues to grow. Some reports estimate there will be over 40 billion IoT devices by 2027, all of which will need to be secured. The demand for automation – and the crypto agility to deal with a constant stream of cyber threats – is greater than ever.

What organizations need is a solution for issuing and managing this ever-growing number of certificates that is reliable, flexible, and scalable.

Say Hello to Atlas, the Newest Member of Your IT and Security Team

Atlas is a high-availability, high-throughput Certificate Authority (CA) built to alleviate the pain-points of today's business world by powering automation and simplifying how companies and organizations use digital certificates. The next generation in certificate automation, Atlas empowers IT teams to flexibly manage and authenticate a broad array of identities – users, machines, IoT and mobile devices, and servers – without needing to worry about complex tasks including key management, directory integration, and support of multiple protocols needed to cover a wide array of endpoints.

BENEFITS

- **SHOULDERS THE BURDEN OF PKI**
  Atlas replaces the need for organizations to train IT managers to set up and run their own private Certificate Authority (CA), instead offloading the core functions of a complex security implementation to GlobalSign

- **ENABLES HIGH-VOLUME, HIGH-SPEED CERTIFICATE ISSUANCE**
  With other CAs you are limited by bandwidth and hardware capabilities. Atlas is specifically engineered for high-availability – so you never have delays or bottlenecks getting certificates issued

- **PROVIDES LONG-TERM COST SAVINGS**
  Atlas is a cost-efficient way to utilize the power of PKI in your organization, helping you avoid compliance penalties and costs associated with violation-based remediation, lost revenue from downtime and outages, and saving you from damaging your reputation due to unexpected expirations or lost keys

- **MEETS REQUIREMENTS AROUND 2FA AND ENCRYPTION**
  Whether it's for your internal security posture or to meet strict industry regulations, Atlas can help organizations meet requirements around two-factor authentication and encryption of data in transit and at rest

The Future, Unbound

Atlas will be the platform for all GlobalSign solutions, shouldering the burden of all of your PKI initiatives.

Auto Enrollment Gateway (AEG) - Powered by Atlas

AEG 6.3 acts as a direct gateway between Atlas and your Active Directory, effectively extending its reach to every endpoint on your network. With AEG and Atlas working together, it's never been easier to enroll, provision and install digital certificates – regardless of OS or platform.

Other key features include:

- Updated user interface that streamlines navigation, configuration and management
- Certificate issuance and status reporting
- ACME V2 support for improved interaction with Linux
- Ability to provision almost any type of certificate to most endpoints
- Improved issuance enabling more highly-validated public certificates
- Self-Service Key Recovery
- Greater Microsoft Intune (SCEP) support
- Support for DevOps

**Learn more about
Auto Enrollment Gateway**

Supports All of Your Digital Signing Needs

Soon users will be able to order and manage GlobalSign digital signing certificates directly through the Atlas portal, making it easier than ever to extend secure, instantly trusted digital signatures to your employees.

**Learn more about
Digital Signing Service**

About GlobalSign

GlobalSign is the leading provider of trusted identity and security solutions enabling businesses, large enterprises, cloud service providers and IoT innovators around the world to secure online communications, manage millions of verified digital identities and automate authentication and encryption. Its high-scale Public Key Infrastructure (PKI) and identity solutions support the billions of services, devices, people and things comprising the Internet of Everything (IoE).

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