

Sectigo PKI Enterprise Use Case: Wi-Fi

PKI-based authentication for Wi-Fi enables password-free user access and helps ensure the highest standards of security and identity. But using manual processes to manage the certificates required for Wi-Fi access across large numbers of employees is labor intensive, technically demanding, and error prone.

To fully protect and ensure the authenticity of your Wi-Fi network, your security team needs to:



Issue, deploy, renew, and replace digital certificates quickly, reliably, and scalably



Monitor authorized Wi-Fi users and appropriately terminate access as needed



See and control the entire certificate lifecycle through a single user interface

Sectigo offers solutions to help. Sectigo Certificate Manager is a complete management platform that automates end-to-end lifecycle management of digital certificates at scale. It is interoperable with all leading devices, operating systems, protocols, and chipsets and provides visibility and management through a single pane of glass, enabling security administrators to easily and cost-effectively monitor certificates across the enterprise. In addition, Sectigo can support whatever trust model you use, including public certificates from Sectigo or certificates issued from your own internal PKI.

Leveraging Sectigo Certificate Manager for Wi-Fi will improve the user experience and enable your security team to benefit from:



Scalable certificate issuance. Sectigo Certificate Manager issues certificates automatically, making it easy to use PKI to ensure security for your user base, whether it's tens, hundreds, or thousands of people. That minimizes hassles for your security team and frees them for more valuable tasks.



Automated certificate deployment. Sectigo offers a variety of automation options to fit your specific workflow and environment, including automation standards like SCEP (Simple Certificate Enrollment Protocol) and EST (Enrollment over Secure Transport), as well as Sectigo's Microsoft CA proxy agent.



Full certificate lifecycle management. With Sectigo Certificate Manager, certificates are automatically renewed and replaced, so users can enjoy seamless Wi-Fi access. You can easily revoke certificates, as well, terminating Wi-Fi access as needed.



Enhanced visibility and reporting. View the status of the certificates in use across your Wi-Fi network through a single pane of glass, enabling you to see expiration dates and minimize or eliminate service disruptions.

With Sectigo Certificate Manager, your security team can easily enforce cryptographic security, prevent data loss via unauthorized access, and future-proof your Wi-Fi network. And Sectigo Certificate Manager can be used to automate issuance and lifecycle management of all other certificates throughout your organization, across a wide variety of use cases, ranging from code signing to web servers and email.

About Sectigo

Sectigo is a leading cybersecurity provider of digital identity solutions, including TLS / SSL certificates, DevOps, IoT, and enterprise-grade PKI management, as well as multi-layered web security. As the world's largest commercial Certificate Authority with more than 700,000 customers and over 20 years of experience in online trust, Sectigo partners with organizations of all sizes to deliver automated public and private PKI solutions for securing web servers, user access, connected devices, and applications. Recognized for its award-winning innovation and best-in-class global customer support, Sectigo has the proven performance needed to secure the digital landscape of today and tomorrow. For more information, visit www.sectigo.com and follow [@SectigoHQ](https://twitter.com/SectigoHQ).