

Case Study

Schreder

Introduction

Schreder, a century-old multinational lighting manufacturer headquartered in Liege, Belgium, has established itself as a leading producer of external lighting solutions, with a significant market share in Europe's road lighting sector. Facing challenges in managing their growing digital identity needs, Schreder turned to Sectigo for a robust and scalable solution. Sectigo's digital identity solutions have helped Schreder streamline their certificate management processes, enhance security, cost save, and improve operational efficiency that is aligned with their vendor consolidation strategy.

Background

Schreder's core business involves manufacturing luminaires used for various external lighting applications. Founded over 100 years ago in Liege, Schreder now manages nearly every external lighting segment in Europe, with a large market share of the industry and light installations being installed on motorways and regional roads also. In 2019, Schreder expanded its operations to include connected luminaires, developing a platform that enables municipalities and other clients to manage their lighting systems remotely. This innovative approach required secure and efficient certificate management to ensure the reliability and security of their IoT devices.

The team responsible for this, consisting of six people, manages approximately 3,000 users. Given the scale and importance of their operations, Schreder needed a reliable certificate management system that could handle their growing needs.

The challenge

Initially, Schreder used wildcard certificates for their connected luminaires, which were far from optimal for security and scalability. Managing these certificates became increasingly complex as the number of connected devices grew. The reliance on specific individuals for certificate purchases, especially when they were unavailable, led to administrative bottlenecks. Additionally, Schreder's previous provider did not offer the flexibility or support needed to address these growing challenges.

Solution: partnering with Sectigo

Schreder representatives first met with Sectigo at an industry event, marking the beginning of a successful collaboration. Sectigo's comprehensive digital identity solutions, including Single Sign-On (SSO) and delegated domain management, provided Schreder with the tools needed to overcome their certificate management challenges.

- 1. Professional onboarding:** Sectigo provided a dedicated onboarding engineer who guided Schreder through the onboarding and implementation. This hands-on support ensured a smooth migration, minimizing downtime and disruption.
- 2. Single Sign-On (SSO):** Implementing SSO enabled Schreder's teams to access the Sectigo platform securely and effortlessly. This integration simplified user authentication, reducing the time spent managing individual accounts and enhancing overall security.
- 3. Delegated domain management:** Sectigo's platform allowed Schreder to delegate certificate management to various departments. This autonomy reduced administrative overhead and empowered departments to handle their own certificate needs directly, improving efficiency and accountability.



Results

The implementation of Sectigo's solutions resulted in significant improvements for Schreder:



Enhanced security: By moving away from wildcard certificates to more secure, domain-specific certificates, Schreder improved the security posture of their connected luminaires.



Operational efficiency: The delegation of certificate management and the use of SSO streamlined operations, allowing Schreder's IT team to focus on more strategic tasks.



Time savings: Previously, the team spent 2-3 days dedicated to certificate management. The team have enjoyed significant time savings including payment automation, from one-off certificate purchases to certificate enablement across different team.

Partnering with Sectigo has been a transformative experience for Schreder. The onboarding process was smooth, thanks to their knowledgeable engineers. The implementation of SSO and delegated domain management has greatly improved our operational efficiency and security. Sectigo's solutions have not only met but exceeded our expectations, allowing us to focus on innovation and growth.

-Schreder Representative.



Continued trust in Sectigo

The trust Schreder has developed in Sectigo's solutions has extended beyond their initial needs. This confidence has encouraged Schreder to consider Sectigo for additional products and solutions, such as quantum-resistant certificates and 90-day certificate lifecycles and automation. The reliability and security of Sectigo's offerings have assured Schreder that they have a dependable partner for future technological advancements and evolving security requirements. This ongoing partnership underscores Schreder's commitment to staying at the forefront of innovation, supported by Sectigo's expertise and cutting-edge solutions.

Conclusion

Sectigo's digital identity solutions have enabled Schreder to manage their growing certificate needs efficiently and securely. This partnership highlights Sectigo's commitment to providing robust, scalable solutions tailored to the unique challenges of its clients. Schreder continues to thrive in the competitive lighting industry, confident in the security and reliability of their connected luminaires.

For more information on how Sectigo can support your business, visit [Sectigo's website](#).

About Sectigo

Sectigo is the industry's most innovative provider of comprehensive certificate lifecycle management (CLM), with automated solutions and digital certificates that secure every human and machine identity for the world's largest brands. Its automated, cloud-native, universal CLM platform issues and manages digital certificates provided by all trusted certificate authorities (CAs) to simplify and improve security protocols across the enterprise. Sectigo is one of the longest-standing and largest CAs with more than 700,000 customers and two decades of delivering unparalleled digital trust. For more information, visit www.sectigo.com, follow us on [LinkedIn](#), and subscribe to our [Webby award-winning podcast, Root Causes](#).