

# Certificate Lifecycle Management

Your one-stop solution to tackling shorter SSL/TLS certificate validity

## Key Highlights

### Tailored for All Organisations:

Irrespective of your organisation's size or industry, our solution caters to diverse needs. Whether you're an enterprise, a small business, or part of a regulated industry, our platform adapts to your unique requirements.

### PKI Expertise:

Benefit from our extensive experience as Public Key Infrastructure (PKI) experts. Our team brings a wealth of knowledge and proficiency in PKI, ensuring the highest standards of security and best practices in certificate management.

### End to End Lifecycle Management:

From automated issuance to secure storage and streamlined renewal processes, our solution covers the entire certificate lifecycle, reducing manual efforts and enhancing security.



Google's proposal for 90-day SSL/TLS certificates underscores the vital role of automation in adapting to evolving digital security needs. This shift aims to foster agility, discourage outdated practices, and mitigate risks linked to manual renewal processes. Embracing automated Certificate Lifecycle Management becomes imperative for efficiently managing frequent certificate renewals. Additionally, the move aligns with the broader industry goal of adopting quantum-resistant algorithms, enhancing overall cybersecurity resilience against emerging threats in the rapidly evolving digital landscape.

## Challenges

Managing digital certificates poses several challenges, including the complexity of their lifecycles, the proliferation of diverse certificate types, and the need for robust security measures such as protecting private keys. Compliance with industry regulations, lack of visibility and control, and the challenges of automating processes further contribute to the complexity. Ensuring timely revocation, compatibility with legacy systems, and addressing budget constraints are additional concerns. Human errors, such as misconfigurations, also present risks. Successfully navigating these challenges requires a comprehensive approach, integrating technology solutions, adherence to best practices, and ongoing training to maintain a secure and well-managed digital certificate environment.

# Netrust Solutions for Certificate Management

	Basic	Pro	Advanced
<b>Deployment Type</b>	SaaS	Customer's Premise	Customer's Premise & SaaS
<b>Certificate Issuance</b>	Agent-Based	Centralised Issuance Both Agent and Agentless Provisioning	Centralised Issuance Both Agent and Agentless Provisioning
<b>CA Integration</b>	Public CA Only	Public & Private CA	Public & Private CA
<b>Out of the Box Integration</b>	Limited	Moderate	High
<b>Reporting</b>	Limited	Limited	High
<b>Certificate Count</b>	>5	>100	>500
<b>Ideal Use Case</b>	Enterprises seeking simple certificate automation for common web-servers	Organisations needing full automation with limited integration	Large enterprises with many certificates and require high integration with specific approval workflows

## Customer Success Stories

Discover how organisations across various industries have achieved enhanced security, operational efficiency, and compliance through the implementation of our Certificate Lifecycle Management Solution. Real-world success stories attest to the transformative impact of our platform.

## Get Started Today

Embark on a journey to fortify your digital security, streamline operations, and ensure compliance. Contact us today to schedule a personalised demonstration tailored to your organisation's unique needs. Explore the power and potential of our Certificate Lifecycle Management Solution to safeguard your digital landscape effectively.

## ABOUT NETRUST

Netrust is Asia's first public Certificate Authority (CA) and Singapore's only IMDA-accredited CA. Established in 1997, it has been providing digital ID certificates widely used for secure authentication, secure VPN, secure email, digital signing and other applications. Private sector companies and Government agencies such as Building and Construction Authority, Singapore Land Authority and Land Transport Authority employ Netrust's PKI solution in their environment to enhance security and convenience, and to safely complete their electronic transactions on the Internet.

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