



# Certificate Management Problem Solved

Comodo Certificate Manager

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## Comodo Certificate Manager

Lapsed SSL certificates introduce unnecessary risks, interrupt revenue streams and damage brand reputation and integrity. Don't risk your organization's security, reputation and bottom line – trust Comodo Certificate Management.

### Streamline Tracking, Management, Security and Compliance for Your Enterprise Certificate Lifecycle

In a threat-filled world – with more and more connected devices, remote workers and online portals to protect – proactive and solid enterprise SSL certificate management is not only important, it's crucial. Certificates enable the safe, encrypted transmission of the key components of online banking, shopping and bill paying between browsers and websites. Extremely secure when properly configured, SSL security can suffer from dangerous vulnerabilities if improperly deployed and managed.

Comodo Certificate Manager and our managed and professional services, designed to aid in its deployment and lifecycle management, offer full-service, wraparound expertise and support for all of your certificate lifecycle needs. Attempts to manually track and monitor multiple certificates internally from various CA vendors can result in errors and mismanagement, leading to missed renewals, expired or vulnerable certificates and potentially catastrophic security breaches; in other words, it's simply too time and resource-intensive for short-staffed IT departments.

Effective enterprise certificate management protects against data breaches, failed audits and costly unplanned downtime. In conjunction with Comodo's Managed Service Plans and your own dedicated Technical Account Manager (TAM) – who understands your business's needs and provides expert, proactive advice and support – **CCM consistently and securely manages all of your digital certificates from deployment throughout their lifecycle, keeping you secure, productive and in compliance.**

Comodo has the staff, skills and experience to handle all of your SSL and managed PKI needs (tracking, compliance and functionality) so you can focus on your core business.

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“Since installing the Comodo Certificate Manager solution, it has become a major part of our IT management infrastructure, allowing us to update, add and delete thousands of digital certificates with a streamlined dashboard and email alert system.”

~ Craig Hurter, IT Security Manager  
University of Colorado at Boulder

## The Solution

### Automated SSL/PKI Certificate Management from the Industry Leader

In February, 2015, Comodo surpassed Symantec/Verisign as the #1 SSL certificate authority worldwide and has consistently added market share each month since. Trust the SSL leader to provide you with centralized certificate management for your ever-growing portfolio of SSL certificates, reducing administration time, trouble and cost.

Through its industry-leading capabilities, CCM provides your business with an easy-to-use but robust advanced certificate issuance and lifecycle management solution so you can self-administer, instantly provision and control all of your SSL certificates automatically.



Comodo not only leads in market share but also leads the SSL certificate industry as an originator of the Certificate Authority/Browser (CA/B) Forum, a consortium developing guidelines to govern the issuance and management of CAs. Comodo has been a pioneer in certificate management since the founding of the CA/B Forum in 2005.

## Auto Discovery

### Comodo Streamlines SSL Certificate Discovery, Facilitating Certificate Management

Enterprises with SSL certificates issued by a variety of CAs must log into various vendor portals to monitor each certificate's lifecycle. Manually collecting detailed information on SSL certificates purchased at different times from different CAs is not only tedious and time consuming but almost always error-prone, complicating an organization's certificate management posture and greatly increasing their overall security risk in the process. In contrast, after conducting a comprehensive scan of internal and external networks to discover every certificate regardless of the issuer, CCM automatically imports all relevant information, bringing the entire certificate inventory under central control and offering the administrator a comprehensive view of all certificates from all CAs.

#### CCM's Auto Discovery Provides Vital Details About Each Certificate Including:

1. The location of each SSL certificate (on both internal and external networks).
2. The name of the CA that issued each SSL certificate.
3. The date each SSL certificate is set to expire.
4. Whether any certificates suffer from weak keys (as of January 2014, keys must be 2048 bit or higher).
5. Scheduled scans that repeat on a recurring basis.

## WebTrust Certification

### Comodo's CA Infrastructure is WebTrust Certified by Ernst & Young

CCM is a proven and thoroughly trusted global solution for enterprise certificate management. Comodo's CA infrastructure is WebTrust certified by Ernst & Young. CCM creates an efficient, productive and secure business environment that allows you to issue SSL certificates for use within internal and external networks, websites and email systems.

## Quick, Easy and Cost-Effective

### Comodo Certificate Manager Saves Businesses Time and Money

CCM offers further discounts off of Comodo's already low pricing on SSL certificates. This enables quick, easy and cost-effective fulfillment of multiple certificate requirements for distributed systems and personnel, as well as load balancing requirements. And if you need more help during deployment or at any time throughout the certificate lifecycle, our professional and managed services are there for you.

## Rapid Deployment & Integration

### CCM Offers Fast, Customer-Focused Rollout

CCM's Software-as-a-Service architecture significantly reduces administrative obstacles and delays, enabling PKI management within hours. SSL certificates can be issued immediately through a secure web console, quickly protecting network users, servers, applications, objects and devices. CCM also automates the enrollment process for requesting and issuing SSL, client authentication and S/MIME certificates.

## Multiple Administrative Tiers

### CCM's Granular User Management Offers Easy Access and Permissions Control

CCM facilitates granular user management, enabling a master administrator to assign specific permissions to various personnel. Business sectors can be delegated so the management of a particular department's certificate assets, networks, domains or subdomains can be assigned to a specific person.

## Automated Certificate Lifecycle Monitoring & Managed Services

### Comodo Maximizes Certificate Management Throughout the Certificate Lifecycle with Minimal Time or Resource Expenditure

Comodo safeguards businesses from the interruptions associated with manual CA management. And CCM's Managed Services provides Certificate Lifecycle Management, customized for you and your enterprise. CCM discovers certificates in the trust chain (root, intermediate and end-entity) and provides details of each individual certificate including its issuing authority and expiration date – avoiding errors, overhead and costs.

Professional Services	Technical Operations Management	Technical Support
<ul style="list-style-type: none"><li>▪ <b>Deployment</b> of your products in your clients' environments.</li><li>▪ <b>Third party integration</b> and customization of your products to meet your clients' requirements.</li></ul>	<ul style="list-style-type: none"><li>▪ <b>Management</b> of your products in your clients' environment. Management includes:<ul style="list-style-type: none"><li>• Product version upgrades and updates</li><li>• Handling all day-to-day operations-related activities regarding Certificate Lifecycle Management</li><li>• Solution monitoring</li></ul></li><li>▪ <b>Continuous integration</b>, enhancement and optimization of your products in your clients' environments to meet their evolving needs.</li></ul>	<ul style="list-style-type: none"><li>▪ <b>Resolution</b> of technical product issues (Level 1 and Level 2 support).</li><li>▪ <b>Stand-by and on-site</b> support services.</li></ul>

## About Comodo

The Comodo organization is a global innovator of cybersecurity solutions, protecting critical information across the digital landscape. Building on its unique position as the world's largest certificate authority, Comodo authenticates, validates and secures networks and infrastructures from individuals, to mid-sized companies, to the world's largest enterprises. Comodo provides complete end-to-end security solutions across the boundary, internal network and endpoint with innovative technologies solving the most advanced malware threats, both known and unknown. With global headquarters in New Jersey and branch offices in Silicon Valley, Comodo has 12 international offices across Europe and Asia.

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