

## INCOMMON CERTIFICATE SERVICE

CREATED BY AND FOR THE HIGHER EDUCATION COMMUNITY

[www.incommon.org/cert](http://www.incommon.org/cert)

### OVERVIEW

**WHAT:** Unlimited SSL certificates (including extended validation certificates), client (personal) certificates, and code signing certificates.

**WHO:** Any higher education institution with its primary location in the U.S.

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The community-driven InCommon Certificate Service offers:

- ★ Unparalleled cost savings for certificates
- ★ Unlimited SSL certificates (including extended validation certificates), client (personal) certificates, and code signing certificates for one fixed annual fee
- ★ Governed by and for the higher education community
- ★ Revenue is reinvested in services and initiatives serving higher education
- ★ Tailored exclusively to the needs of higher education, including the option of providing departments and other university units with delegated certificate management authority

This program offers a true site license and truly unlimited certificates. This allows you to issue certificates based on your technical and security requirements—not external cost considerations.

Trust anchors are in virtually all major browsers, email clients, mobile devices, application suites, and other applications. Certificates are compatible with Apache, IIS, and popular mail transport and POP/IMAP server software products.

InCommon's client certificates will also correspond to the InCommon Assurance Program, as additional levels of assurance are rolled out, including Bronze and Silver. Private-label Certificate Authorities (hosted at Comodo) are also available (at an additional cost).

Pricing is based on an institution's Carnegie classification and Internet2 members receive a 25 percent discount. (Pricing details are at [www.incommon.org/cert/cert\\_fees.html](http://www.incommon.org/cert/cert_fees.html). Joining InCommon is required to subscribe to the certificate service).

[www.incommon.org/cert/why.html](http://www.incommon.org/cert/why.html)

### BENEFITS

**Cost Savings** – Unlimited certificates for a fixed annual fee takes the guesswork out of budgeting.

**Comprehensive** – Includes all of your domains (.edu and non-edu alike, such as athletics and professional societies).

**Ease of Use** – Through Comodo's certificate manager interface, certificates are easy to order and install. Issue certificates for three years or one year - it's your choice.

**Growing Community** – More than 160 subscribers have generated tens of thousands of certificates through Comodo, one of the world's leading certificate authorities.

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*Our cost saving is roughly in the \$65-75K range annually compared to our previous certificate provider. That's a 4-5x return on investment.*  
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*The program paid for itself with just one central department that purchased 200 certs a year (at \$28k). That department now picks up the \$15k cost for the entire campus. A win, win, win.*  
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## What is InCommon?

InCommon serves the U.S. education and research communities, supporting a common framework of trust services for the safe sharing of online resources. InCommon operates the InCommon Federation—the U.S. trust federation for research and education—the InCommon Assurance Program, the InCommon Certificate Service, and the InCommon Multifactor Program.

## The InCommon Federation



The InCommon Federation enables scalable, trusted collaborations among its community of participants. InCommon Federation participants adopt common policies and processes, and use standards-based technology for authentication and authorization. The result is a secure and privacy-protecting method for providing individuals with single sign-on access to protected or licensed online resources.

## The InCommon Certificate Service



The InCommon Certificate Service provides unlimited certificates for all domains owned by a college or university for one fixed annual fee. The program includes all certificates, including SSL, extended validation, client (personal), and code signing. See [certificate.incommon.org](http://certificate.incommon.org)

## The InCommon Assurance Program



Good security and identity practices help ensure that individuals using an electronic credential are who they say they are. For Service Providers in an identity federation, having Identity Provider Operators support a standard practice set (or profile) can mitigate the risk of service compromise. For Identity Providers, supporting assurance profiles is a way to provide single sign-on access to applications requiring an increased level of confidence in a credential. Details at [assurance.incommon.org](http://assurance.incommon.org)

## The InCommon Multifactor Program



Plain old passwords aren't very secure. We use them for critical services, but we know that they're often targeted for brute force dictionary attacks, sniffing and phishing. We can make them longer and more complex, and make users change them more often, but often that just frustrates users and drives the help desk staff crazy. The InCommon Multifactor Program helps address this problem in a scalable way with programs and partnerships that encourage multifactor authentication, which combines a password (something you know), which something you have. For details, see [www.incommon.org/multifactor](http://www.incommon.org/multifactor).

## Who Can Join InCommon?

Any accredited two- or four-year higher education institution, as well as research organizations (such as U.S. government labs and facilities), can join InCommon. Higher education and research organization participants can sponsor their business partners.

## HOW DOES IDENTITY FEDERATION WORK?



## About InCommon

InCommon is operated by Internet2. Participation is separate and distinct from membership in Internet2. Certificate service subscribers must be an InCommon participant or join InCommon – this program is an extension of InCommon's trust services.