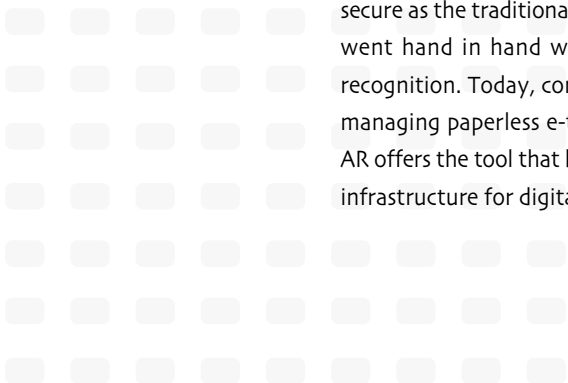


Sign It Fast, Sign It Right

The high-tech revolution has catapulted the world of commerce into a paperless environment, creating an urgent need for a method of electronic verification as secure as the traditional handwritten signatures. The development of technologies went hand in hand with legislation, leading to e-signature laws with global recognition. Today, companies around the world are investing in technology for managing paperless e-transactions in compliance with these international laws. AR offers the tool that brings all the necessary elements together: **CoSign**, the only infrastructure for digital signatures that you will ever need.



CoSign

The Missing Key

Since the introduction of digital-signature technology, investors and market analysts have envisioned it becoming the standard in authorizing transactions in the paperless environment. However, technical problems arose due to product incompatibility, difficulty in management and high costs of the distribution of signature keys. These were obstacles that prevented digital-signature applications from becoming feasible for many companies.

CoSign now overcomes those problems, finally making digital signature the solution it had promised to be.

The Unique Features of Digital Signature Powered by CoSign

- Quick installation and deployment

Instead of long months coaxing of the digital-signature infrastructure into operation, **CoSign** revolutionizes the entire power-up process, with greatly simplified installation and configuration modules that work intuitively with your system.

- Easy management

Enrolling users and revoking certificates are now simple transparent procedures for Microsoft Windows 2000 and Windows XP environments. **CoSign** fully integrates with Microsoft Active Directory systems, and also interfaces with other popular user management products for heterogeneous environments.





You sign on; CoSign does the rest.
It's simple. It's from AR.

- **Seamless integration**

The **CoSign** system package comes with full support of PKCS#11 and Microsoft Cryptographic API (CAPI) cryptographic interfaces, ensuring problem-free operation with PKI-aware applications. This is especially true for the major applications currently used in the financial, ERP and healthcare industries. And webmasters in all markets can take advantage of the unique **CoSign** "Web Light" component that enables a Web-based application to incorporate digital signatures.

- **Single Sign-On**

CoSign works with your existing Microsoft Kerberos authentication mechanism, resulting in users having to sign onto the system only once - using any of the authentication methods currently available. At the same time, **CoSign** ensures data integrity and non-repudiation in full compliance with global digital-signature legislation.

- **Central storage of signature keys**

CoSign's innovative patent-pending technology keeps all signature keys in one physically secured environment, while still leaving them under the personal control of the owner-user. We call it Cardless SmartCard™ and it allows signature keys to be deployed or revoked far more easily, more securely and more economically than the conventional soft token or hard token systems.

- **PKI in a Nutshell**

CoSign supplies you with a full PKI system, all ready to use, in a single hardware component. What could be simpler?

These patented features mark **CoSign** as the leader for a new generation of PKI solutions. The problem of securing paperless legal transactions is no longer a problem.



Public Key
PKI in a Box

Made Simple

First-Ever in Legal Compliance

CoSign is the first PKI product designed with global e-signature regulations in mind. This means that all documents digitally signed by CoSign are legally recognized world-wide. With **CoSign's** built-in Certificate Authority (CA), you will need no other PKI tool in your system. But for users who prefer not to use the built-in CA, **CoSign** can work independently for easy integration with any other external standard CA system.

Top-Flight Security

Our simplified PKI solution doesn't compromise one bit of the security strength found in the traditional PKI systems. **CoSign** is designed for FIPS 140-2 Level 3, and Common Criteria EAL 4+. This makes AR's digital-signature solution one of the most comprehensive security products available today, and yet easier to manage than any other.

Algorithmic Research (AR) specializes in innovative digital signature applications based on state-of-the-art cryptographic technologies. AR products include business applications, solutions for financial markets and security products that are designed using our patented technologies and enjoy international recognition for their superiority and cost-effectiveness. Companies worldwide that depend on secured transactions and paperless applications, including those in the financial, healthcare and governmental sectors, depend on AR's expertise in creating innovative solutions.

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Algorithmic Research

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