

CSC

# CHECKVISION ENTERPRISE ENCRYPTION

## AT A GLANCE

Prevent Data Loss,  
Unauthorized Data Access  
and Information Leakage

Enhance Data Protection for  
Multiple Applications

Deploy Across the Enterprise,  
Even at High Volumes

Deliver Highly Secure Files  
by Internet, DVD or CD-ROM

Encrypt/Decrypt Almost  
Transparently

Choose Just-in-Time or Batch  
Decryption

As Treasury Management Departments know, protecting confidential corporate customer data is critical. Yet security is a challenge. Every week brings new stories of banks and creditors confessing to lost disks or compromised customer account information. Financial institutions now have smart technology to help protect their customers from privacy violations, ID theft and fraud.

CSC's CheckVision® Enterprise Encryption is an enterprise solution that supports the creation, encryption and decryption of CD-ROMs and DVDs for multiple applications. Based on the technology in CSC's CheckVision CD-ROM Plus and CheckVision Encryption software, the enterprise solution includes the ability to interface to multiple third-party applications regardless of whether or not the application has a viewer.

### Based on the CheckVision e-Data Delivery Suite

CSC's CheckVision e-Data Delivery application suite provides the latest vehicles for secure and flexible delivery of check images, statements, reports, lockbox and associated payment data to retail banking and corporate customers. The Encryption software improves the security of cash management data delivered via CD-ROM, DVD or the Internet. The CD-ROM Plus software includes:

- Scheduler - Initiates the creation of physical and virtual CD-ROMs and DVDs, and file output for individual customers. It provides a comprehensive, easy-to-use, Web-based capability to manage customer addresses, billing information and media information.
- Workflow Manager - Coordinates the receipt of information from legacy systems, such as Silas Archive, and manages the consolidation of this data and the creation of CD-ROMs and DVDs.

### Flexible, High-Performance Functionality

CheckVision Enterprise Encryption provides superior functionality for highly secure delivery of confidential data from many types of third-party software. CheckVision Enterprise Encryption:

- Supports multiple applications that have content to be placed on a CD-ROM or DVD, such as Lockbox and Content Manager OnDemand, with little to no modification
- Supports applications with or without intrinsic data viewers
- Uses CSC's industry-leading data encryption method, which is a symmetric key algorithm using the U.S. Department of Defense Advanced Encryption Standard (AES) with up to 256-bit length keys
- Provides an enterprisewide, centralized platform to support on-demand encryption of CD or DVD



### **Simple to Deploy, Almost Transparent to Use**

CheckVision Enterprise Encryption encrypts index data, images, reports and files so only a user with access to the appropriate CD key (unique to each account) can view the data. The application uses the industry-standard AES for encryption. The encryption module can be configured with key lengths of 128, 192 or 256 bits, depending on how much data protection is required versus computational power required.

CheckVision Enterprise Encryption provides an easy-to-use infrastructure to produce, distribute and manage the customer keys. For new accounts or end points, CheckVision Enterprise Encryption generates and maintains a unique key library for that account or end point. This key library is then burned onto a CD-ROM or a DVD for distribution to the end-point user, who inserts the key CD-ROM and is then prompted to install the keys in an appropriate location. The key library can be installed on an individual PC or on a shared network accessible drive.

All files are encrypted prior to being written to the CD-ROM or DVD, except one unencrypted text file containing the index of the key. When the user receives the encrypted CD-ROM or DVD, CheckVision Enterprise Encryption locates the appropriate key and, transparent to the user, decrypts the data so it can be accessed by the end user.

### **Label Templates and Workflow**

CheckVision Enterprise Encryption incorporates files containing job parameters about the application and data to be encrypted. The parameters might define a label template for the CD-ROM or DVD, provide the specific fields to be used as a unique identifier for each application, and specify the media to be used.

CheckVision Enterprise Encryption can poll each designated application directory to retrieve individual files that require encryption and creation. If the customer receiving the CD has not previously received a key library, CheckVision Enterprise Encryption will create a library for this customer containing a unique set of keys. CheckVision Enterprise Encryption will create a CD-ROM containing only the key library that will be distributed to the user for installation.

If an application has an attached viewer, the user can launch it to open the file located on the read-only media device. The CheckVision Enterprise Encryption software will then decrypt the files just in time as requested by the user.

### **CheckVision Enterprise Encryption Web Portal**

CheckVision Enterprise Encryption Web platform can provide an enterprisewide, easy-to-use, easy-to-administer environment to facilitate centralized encryption of CD or DVD media on a broad range of applications. Simply launch a browser, log into the Enterprise Encryption Portal, and initiate a request to generate encrypted CDs or DVDs. The portal provides flexible yet powerful security and sign-on authorizations.

### **Better Security with Less Effort**

CheckVision Enterprise Encryption makes it easier to comply with internal and regulatory privacy requirements to auditors, senior management and other stakeholders. Preventing data exposure can help ensure your brand image and reputation are constantly protected.

**For more information about CheckVision Enterprise Encryption and other Integrated Payments Solutions, call CSC at 800.345.7672 or e-mail [inforequests@csc.com](mailto:inforequests@csc.com).**

### **About CSC**

CSC, one of the world's leading consulting and IT services firms, helps clients in industry and government achieve strategic and operational results through the use of technology. The company's success is based on its culture of working collaboratively with clients to develop innovative technology strategies and solutions that address specific business challenges.

Having guided clients through every major wave of change in information technology since 1959, CSC combines the newest technologies with its capabilities in consulting, systems design and integration, IT and business process outsourcing, applications software, and Web and application hosting to meet the individual needs of global corporations and organizations.

### **About CSC in Financial Services**

CSC distinguishes itself through its time-tested ability to plan, build and operate highly reliable, efficient and secure business and IT solutions for leading financial services firms around the world. To complement its capabilities in consulting, systems integration and outsourcing, CSC brings financial services industry knowledge and experience, a comprehensive portfolio of financial services application software and an extensive network of industry and technology partners. More than 10,000 CSC employees are dedicated to serving financial services clients, including more than 1,200 major banks, insurers and investment management and securities firms.

