

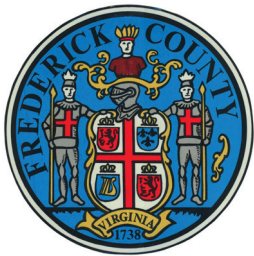


# Frederick County

## Secured eFile chosen to protect citizens' information

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Frederick County is the northernmost county in the state of Virginia, USA, and serves a population of approximately 76,000 citizens.

### Introduction

In common with all local government organizations, Frederick County holds a lot of personal information about people living and working in the area.

Recognizing the potential impact that a data breach could have, the team at Frederick County wanted to take a proactive approach to data protection, using data encryption to improve security of confidential information and to prevent it getting into the wrong hands.

### The Challenge

Information is stored and maintained in the county on three separate sites: the Administrative Office, Public Safety (Police, Fire & Rescue), and Regional Jail.

The challenge for the IT team was to find a cost effective solution that would protect the confidential information stored in the 3 separate databases, and allow co-workers to share information securely between departments and agencies.

### Requirements

A working group was set up to identify the best solution for Frederick County. The chosen solution needed to meet a number of key requirements.

- Regulatory compliance: Strong data encryption to ensure compliance with government legislation and create a ‘safe harbor’ in case of a data breach.
- Protection for all information: Encryption of all types of files (eg. Word, Excel, Access, PowerPoint, PDF, Open Office). Information must be protected and secured whenever it is copied, moved, stored or even emailed.

- Collaborative access: The security system must have the ability for staff to share secured information with co-workers in the same enterprise, associated enterprise or outside the enterprise, while preventing unauthorized individuals getting access.
- Easy to use, easy to manage: The security system must have an intuitive user interface so that the encryption process is simple and requires minimal training and support; and also enable central management of security policies, monitoring and reporting to ensure compliance.

### The Solution

The team evaluated a number of different encryption products, and identified Cryptzone’s technology as offering the best and most cost effective solution.

Cryptzone’s Simple Encryption Platform (SEP) is a suite of Data Loss Prevention and encryption applications for enterprise environments. The modular design means that organizations can start with a single application and later expand the platform to add application modules to meet additional requirements.

Frederick County initially installed Cryptzone’s Secured eFile at their three sites and within 6 months found the need for email encryption for interdepartmental communications.

Patrick Fly, Frederick County GIS Manager, is responsible for managing the system: “The range of features and the compartmentalized approach was one of the key reasons that we chose Cryptzone’s technology. As well as getting the best solution in terms of usability and maintenance, with Cryptzone we could start off with file encryption and then add extra functionality when we were ready – it was just a matter of choosing the features and licensing we needed.”

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*"Most users have picked it up quickly and in fact I don't hear anything from them, so it pretty much runs on its own."*

*"With Cryptzone, Frederick County is able to meet regulatory compliance requirements."*

Secured eFile enables people to share files and folders securely with individuals and groups inside and outside the organization. The easy-to-use file encryption tool empowers users to secure the information and have collaborative access to secured information with co-workers.

Secured eMail creates a secured channel between sender and receiver enabling co-workers to email information securely. The central Simple Encryption Platform (SEP) server provides a central management console, which handles user authentication and key management automatically. This makes the system much cheaper to run, as administration is very simple.

Patrick Fly agrees that the system has proved extremely easy to use. "My experience with Cryptzone has been wonderful. It's been pretty much a maintenance-free system.

Most users have picked it up quickly and in fact I don't hear anything from them, so it pretty much runs on its own. The monitoring and reporting features are invaluable as it means I can see that people are using the encryption tools."

With Cryptzone, Frederick County is able to meet regulatory compliance requirements. Cryptzone's technology uses the strongest encryption method, AES 256, as well as the patented Enterprise Protection Method (EPM) making it virtually impossible for anyone to hack files/folders when they are secured. "I

would definitely speak highly of it to other organizations", said Fly.

"With Cryptzone we've got the controls in place, and we can show that it is being used and that we are doing everything we can to protect the public's information. The Cryptzone system has been really good for us, easy to install and maintain. We're delighted with it!"



## Key requirements

- Regulatory compliance
- Protection for all information
- Collaborative access.
- Easy to use, easy to manage

## Secured eFile key features

- File security with a simple click
- Control access to secured files
- Central management and control
- Automated authentication and key management
- Automatic data compression
- Sharing Secured documents externally
- Security travels with documents
- Helpdesk password recovery
- Regulatory compliance
- Data protection at every stage



Cryptzone solutions mitigate information security risks in the key areas of Policy Compliance, Content Security, Secure Access and Endpoint Security.

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