

# Route 66 Cyber™ Enterprise Digital Rights Management

*Security That Follows Your Data, Wherever it Goes*



Security that persists with any data type,  
from creation to destruction

Know who is accessing the data, where and when

Dynamically control policy

Transparent to users—they can continue using  
the same tools, such as Dropbox and Sharepoint,  
with no latency or workflow changes

Easy to deploy and maintain, integrating with existing ecosystem

Track and audit every successful and attempted access

**Route 66 Cyber**

## Overview

With the pervasiveness of mobility and cloud, the borders of the modern enterprise are dissolving. Data will travel inside and outside the enterprise, touching numerous users, devices, and apps in its lifetime. It's time to rethink traditional perimeter-based security methods and switch the focus from network, application, platform, or device restriction to data usage control.

Route 66 Cyber™ Enterprise Digital Rights Management (EDRM), powered by General Dynamics Mission Systems, is available as an on-premise or Software as a Solution (SaaS) offering, providing the data centric security fundamental to a borderless enterprise.

The solution protects any kind of information – from Office files and PDFs to video and CAD files– and then tracks, audits, and manages access in real-time. Fine-grained usage controls in centrally managed policies allow you to retain control of the data, no matter where it goes or who tries to access it.

## Why Us?

General Dynamics Mission Systems has over fifty years of experience in protecting the Nation's most valuable information, a pedigree of penetration testing, and adherence to strict coding standards. This heritage is at the core of Route 66 Cyber EDRM, combining high-grade security with low-friction ease of use that ensures data security is seamlessly integrated with agile business needs.

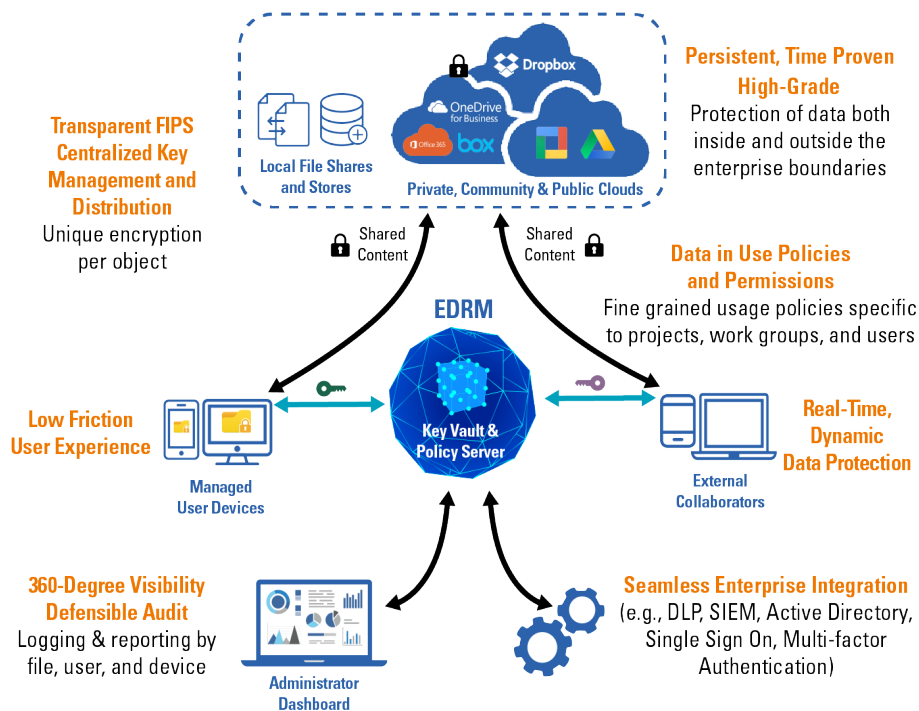
## Key Benefits

- **Data Visibility and Security**  
Whether your enterprise infrastructure is on-premise or in the cloud, encryption and fine-grained data usage policies provide 360-degree data security and visibility across users, devices, and geolocations.
- **Fine-Grained, Dynamic Control of Your Data**  
Enable data protection at the level needed for your mission. Retain control of your data, no matter where it goes, even when it has left your enterprise boundaries.
- **Ease of Use**  
Effortlessly protect files automatically or with a single user click, and work with your everyday apps and devices without changing the user workflow.
- **Regulatory Compliance Made Easy**  
Generate a full audit trail for tracking and regulatory compliance in real-time, which can be integrated with an established Security Information Event Management (SIEM).

## Centralized Admin and Policy Control

With available SaaS or On-Premise central admin options, the Route 66 Cyber EDRM Dashboard gives IT visibility and control over all data, whether it's at rest or in transit. Admins can set and update policies, oversee users and activities, and run usage audit reports for tracking and regulatory compliance.

## Low Friction User Experience, with High-Grade Encryption at the Core



## Features

### Options Offered:

- Cloud-based SaaS or On-Premise Administration

### Client Supported on:

- Windows, Mac, iOS, Android

### Web-based/Without Client Supported on:

- Windows, Mac, iOS, Android, most commonly used browsers

### Protects any File:

- MS Office: Word, Excel, Powerpoint
- PDF
- CAD
- Video, Audio, JPEG
- Mission Unique File Types

### Algorithms:

- FIPS compliant AES-256 bit encryption with GCM
- Signing: FIPS accredited ECDSA
- Session Establishment: FIPS accredited ECDH
- FIPS accredited TLS 1.1 and 1.2

### Key Storage and Retrieval

- Hardware: KMIP HSM Integration for FIPS 140-2 Level 3 key encryption keys
- Software: LDAP, KMIP, PKCS

### Encryption Certificate and Key Types

- X.509 Digital Certificates
- FIPS Accredited Digital Certificate Management, Key Distribution, Key Generation
- FIPS compliant File Encryption using algorithms approved for classified data

### Centralized Customer Control Policy and Key Management

## Fine-Grained Usage Controls— for the Data's Entire Lifecycle

- Control editing, copying, printing, saving, screen capture, and more—online or offline
- Create custom, dynamic watermarks to track who is sharing your data
- Enable offline time-based viewing
- Control access with multi-factor authentication
- Retain control of your crypto key and data

## Control Data With:

- 360-Degree Visibility
- Real-Time, Dynamic Data Protection
- Integration into Existing Ecosystem
- Low Friction User Experience
- Time Honored High-Grade Protection

## GENERAL DYNAMICS

Mission Systems

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