



Case Study: Safeguarding Patent & Trademark Data for Defense Contractor

This case study examines how a Department of Defense contractor successfully protected its sensitive patent and trademark data through the implementation of the ideaBOX ROM - Return on Mitigation, process & platform powered by Actifile, highlighting challenges faced, solutions implemented, key features, outcomes achieved, and insights from the Chief Information Security Officer.

James Oliverio

Client Profile Overview for Defense Contractor

Exploring the key aspects of a defense contracting firm in the Mid-Atlantic region.



Industry focus on Defense Contracting and Advanced Engineering.

Specializes in government and defense projects.



Headquartered in the Mid-Atlantic Region, USA.

Central location for operations and management.



150+ Employees across 3 Locations.

A robust team supporting various projects.



Handles sensitive data: Patents, Trademarks, and CUI.

Critical information requiring stringent security measures.

Key Challenges in Managing Confidential Technical Data

Addressing data sprawl and regulatory compliance issues in defense contracting

- **Silent Data Sprawl**

Sensitive files were dispersed across various locations, increasing the risk of unauthorized access.

- **Regulatory Risk**

Compliance with CMMC, DFARS, and ITAR is critical yet traditional solutions fall short in visibility.

- **Human Factor Vulnerabilities**

Staff's lack of expertise and time leads to inadequate file protection and potential exposure.

- **Inadequate Endpoint Solutions**

Existing endpoint and DLP solutions did not provide necessary control over sensitive data.

- **Accidental Exposure Risks**

Without proper classification, sensitive data is at risk of being exposed unintentionally.

- **Need for Automated Solutions**

Automation is essential to safeguard sensitive data without adding to staff workload.

Rapid Deployment of ideaBOX ROM™ Integrated with Actifile

Seamless integration of AI-driven solutions in under 24 hours without disruptions

24 hours

Rapid Deployment

ideaBOX ROM™ was integrated within a single day without operational interruptions.

1 platform

Unified Solution

Combining ROM™ and Actifile creates a comprehensive data risk management framework.

0 disruptions

Operational Continuity

The implementation ensured that existing operations remained unaffected during deployment.

AI-driven

Enhanced Security

Actifile's engine leverages AI for improved data risk management capabilities.

Mitigation Focus

Proactive Approach

ROM™ emphasizes Return on Mitigation to safeguard critical data effectively.

1 integration

Streamlined Process

The integration of systems was executed efficiently to enhance productivity.

Key Features of the ideaBOX ROM™ Process

Innovative solutions for safeguarding sensitive data and enhancing security posture in defense contracting

1 Autonomous Data Discovery identifies sensitive files

Actifile scanned all endpoints and file systems, revealing over 12,000 unprotected files with sensitive IP data, without user input.

2 Real-Time Risk Visualization enhances executive decision-making

ideaBOX provided a live Data Risk Heatmap, quantifying exposure by file type and location for better risk management.

3 Zero-Touch Encryption ensures data security

Sensitive files were automatically encrypted in place using AES-256, rendering exfiltrated files useless without authorization.

4 Continuous Monitoring and Alerts protect sensitive data

Real-time alerts were triggered for unauthorized attempts to move or share sensitive files, enhancing security vigilance.

Successful Implementation Outcomes of Data Security Measures

Key results from the implementation of ideaBOX ROM™ for data protection



Sensitive files encrypted rapidly

95%+ of sensitive files encrypted within first 48 hours.



Significant risk reduction achieved

Data exposure risk reduced by 92%.



Enhanced compliance posture

Full compliance improvement aligned with CMMC & DFARS.



Monthly audit-ready reporting

Delivered monthly for IT leadership and compliance officers.



High return on mitigation

Demonstrated 8X Return vs. traditional controls.



★★★★★

"With ideaBOX and Actifile, we didn't need to ask our people to change how they work. The platform showed us where our exposure was, then locked it down—fast. For a DoD contractor, that peace of mind is priceless."

Chief Information Security Officer

DoD Contractor



ideaBOX, powered by Actifile, proved that protecting sensitive data in defense and aerospace environments doesn't have to rely on user behavior or manual controls. Through automation, encryption, and real-time visibility, ideaBOX helped this DoD contractor achieve military-grade confidentiality standards —without slowing down innovation.

ideaBOX Case Study

Powered by Actifile

For more information

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