Protecting Patents & Trade Secrets in Manufacturing

This presentation demonstrates how ideaBOX effectively supported a precision manufacturer in safeguarding its most sensitive client documents through the Actifile Data Risk Management Platform, covering the challenges encountered, solutions adopted, and the substantial business outcomes realized.

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Safeguarding Confidential Information in Manufacturing

Understanding the risks of document exposure in advanced aerospace manufacturing environments

Manufacturing Overview

A mid-sized company in aerospace.

Contractual Obligations

Protecting **patents** and **blueprints**.

Hidden Risks

Exposure of documents via tools.

Turning to ideaBOX

AI advisory by **Actifile**.

Addressing Data Protection Challenges in Manufacturing

Ensuring confidentiality of documents and intellectual property while maintaining compliance and visibility.

Client requirements emphasize confidentiality.

The client mandated the protection of sensitive documents and **intellectual property (IP)**, necessitating strict adherence to **NDAs** and **patent laws** to maintain legal compliance and safeguard assets.

Traditional DLP fails to provide insights.

Existing **Data Loss Prevention (DLP)** measures and access controls did not effectively identify how and where sensitive data was being utilized, leading to potential vulnerabilities in data security.
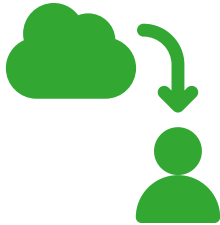
Lack of visibility on document usage.

The manufacturer experienced significant **visibility issues** regarding whether sensitive documents were being transferred from endpoints, whether through **USB**, cloud services, or unauthorized applications.
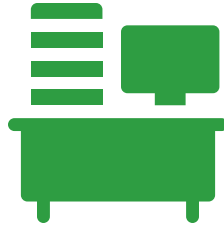
Insufficient resources for IT and compliance teams.

The **IT** and **compliance teams** lacked the necessary resources to effectively enforce policies across a vast number of files, users, and endpoints, leading to increased risk of data breaches.

Policy enforcement is crucial for security.

Effective policy enforcement is essential for protecting sensitive data and ensuring compliance with legal requirements, but the current resource constraints hinder the implementation of these measures.

Automatically scan every endpoint for sensitive files.

Identifies client patents and proprietary blueprints.

Quantify the data risk in monetary terms.

Shows liability of unprotected sensitive content.

Enhancing Data Protection with Actifile

A strategic partnership for securing sensitive information in manufacturing environments

Encrypt sensitive files without user involvement.

Maintains productivity while securing data.

Real-time telemetry on data usage and exposure.

Tracks risky uploads to AI models.

Seamless Encryption of Sensitive Client Data

Automated identification and encryption of all sensitive client data without workflow disruption.

Data Encrypted

100%

All sensitive client data was automatically identified and encrypted, ensuring maximum protection.

Disruption Level

0

The encryption process caused zero disruption to engineering and design workflows, maintaining productivity.

Cost Savings

$Millions

Audit-ready evidence of compliance potentially saves millions in breach liability and contract violations.

AI Oversight

1 Dashboard

IT leadership now has a clear dashboard showing AI usage, data movement, and risk reduction.

Return on Mitigation

ROM: High

The return on mitigation is significantly high, reflecting effective risk reduction strategies.

Compliance Status

Audit-Ready

The system provides audit-ready evidence, showcasing adherence to IP protection requirements.

"We thought we had data protection covered—until ideaBOX showed us what we couldn't see. Actifile gave us confidence that our clients' most valuable data is safe, no matter where it lives."

VP of Engineering & Compliance, Aerospace Manufacturer

Transforming Manufacturing Security: The Impact of ideaBOX

Ensuring compliance, building trust, and reducing liabilities through proven security measures

Key Metrics On Security Enhancement

$3.2million

Significant reduction in data liability

ideaBOX has helped decrease potential financial exposure substantially.

100% compliance

Achieving full regulatory adherence

Ensured all client mandates are met without gaps in security.

0% trust deficit

Maintaining client trust

Reinforced relationships with clients by proving security capabilities.

100% satisfaction

Client satisfaction levels

Clients express confidence in security measures implemented by ideaBOX.

80% risk reduction

Minimizing risk exposure

Substantial decrease in overall risk profile for the manufacturer.

Comprehensive Strategies for Data Protection in Manufacturing

Understanding the multifaceted risks and solutions for safeguarding sensitive information

Data risks extend beyond technology.

Data risk isn't just a technical issue; it encompasses contractual, legal, and reputational factors that can impact businesses significantly.

Actifile's AI-based solutions.

Actifile's AI-powered encryption and telemetry platform is specifically designed for manufacturing firms, addressing their unique challenges with sensitive intellectual property.

Effortless visibility with ideaBOX.

ideaBOX simplifies the process of gaining visibility and protection for sensitive data, ensuring that manufacturers can manage their information securely and efficiently.

Importance of protecting IP.

The safeguarding of **intellectual property (IP)** is critical for manufacturing firms to maintain their competitive edge and ensure business continuity.

Explore the potential of a partnership with ideaBOX to establish comprehensive AI usage governance.

For more information

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