PretonSaver™ & Preton Print Security

CASE STUDY No.15



Strategic Defense Command

National Defense Entity Secures Intelligence
and Reduces Print Expenditure by 45%

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Strategic Defense Command (SDC)

The Strategic Defense Command (SDC) is a national defense organization responsible for overseeing critical infrastructure, military logistics, and domestic security operations. Operating with a staff of 20,000 personnel, the SDC manages a vast, heterogeneous network of more than 12,000 printing devices across various command units and secure facilities.

Business Problem

As a highly regulated entity, the SDC faced two significant operational challenges:
Critical Data Vulnerabilities: A staggering 27% of data leaks originate from paper documents. The SDC lacked granular visibility into the physical printing process, creating a "blind spot" for sensitive tactical data and classified information.

Uncontrolled Operational Costs: Printing volumes reached 50 million pages annually. Without centralized control, the organization faced escalating budget requirements for toner and ink, which account for a significant percentage of total IT expenditure.

The Solution – Integrated Preton Suite

The SDC implemented a dual-product strategy to address both fiscal and security mandates simultaneously.

1. Preton Print Security (PPS):

Mission-Critical Data Protection
To bridge the gap in physical document security, the SDC deployed PPS to monitor every print job for sensitive data:

Content-Based Interception: PPS robustly scans the enterprise network for predefined keywords and data patterns within print jobs.

Real-Time Alerts: If sensitive content is detected, the software generates automated alerts to the Data Protection Officer (DPO).

Forensic Archiving: Every print job is archived in a searchable database, providing a complete historical record for investigations.

Insider Threat Mitigation: PPS identifies internal weak links to prevent malicious distribution of sensitive data.

2. PretonSaver™:

Operational Efficiency and Cost Control
The SDC utilized PretonSaver™ to manage the vast printing fleet and enforce policies:

Success Case Study Summary

Industry Military & National Defense

Number of Users 20,000

Printer Fleet
Heterogeneous (HP, Lexmark, Dell, MFP)

Total Savings 45%

Toner Savings 30% average reduction

Security Efficacy
100% detection of unauthorized sensitive document prints

Toner Optimization: Using patent-pending Pixel Optimizer™ technology, the software reduces toner usage by up to 50% without compromising legibility.

Intelligent Print Rules: Management enforced mandatory monochrome and duplex printing for administrative applications, reducing wasteful color output.

Centralized Reporting: PretonSaver identifies all active printers and provides comprehensive usage statistics for measurable visibility into savings.