

Business Support Automation Suite

Low cost, high ROI solutions that fit your needs.

Introducing the MIL Automation Suite

MIL has assembled a set of solutions that help government organizations fix broken processes and improve functioning activities through low-cost, high-return automations.

Business Support Automation and Process Improvement

Problem: Many organizations are operating both legacy and modernized ERP and supporting systems. Addressing persistent gaps in processes and procedures can result in enormous benefits.

Solution: Based upon our 42 years serving government clients in financial management, MIL has developed a set of solutions using Robotics Process Automation, Intelligent Character Recognition, Machine Learning, the Microsoft Suite & PowerAutomate, and others to address financial system gaps encountered by CFOs and their business customers.

The MIL Suite: Use Case Examples

Visualization

- » Mid-year reviews, metrics monitoring (over/under spend)
- » Unliquidated obligations

Reconciliation

- » Moving data between systems
- » Treasury Statement of Differences
- » Payroll, Real Property, and WCF

Tracking of Statistics and Costs

- » Rules-based allocation of data and cost pools
- » System performance monitoring
- » Transaction and metrics monitoring

Funds Control

- » Tracking suballocations
- » In-process commitments

Internal Controls

- » Audit/A-123/Compliance
- » Monitoring of system access
- » Testing beyond just samples
- » Continuous monitoring and real-time remediation

Document Understanding

- » Ingestion of multiple invoice formats into financial system
- » Converting handwritten documents/forms (e.g., time logs)



Information Visualization

Executive and analyst dashboards using readily available technology to drive efficient analysis and decision-making



Transaction Monitoring

Track progress of transaction compliance with internal controls

Identifying Opportunities:

Start with quick wins & build from there.



Manual: Highly manual | Substantial keyboard activity | Multiple mouse clicks | Data entry errors



Volume: High volume | Numerous data elements Supplemental content | Susceptible to legibility interpretation & transposition challenges



Process: Mature process | Standardized & institutionalized procedures | Well documented procedures | Rules based | Stable “input” | “Validatable output”



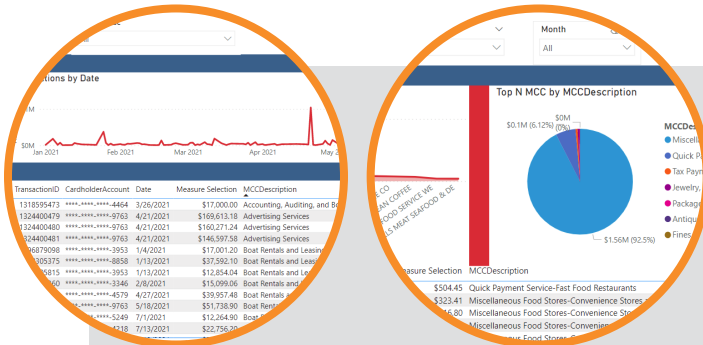
Repetitive: Highly repetitive | Productivity impediment | Monotonous | Batched processes



Resources: Large resource commitment | Task focused | Limited variation | “Stove Pipe” resources

Fraud and Non-Compliance Identification and Prevention

Working with real data, MIL has created a set of tools to identify, predict, and mitigate the occurrence and impact of fraud and incorrect use of funds across a range of areas.



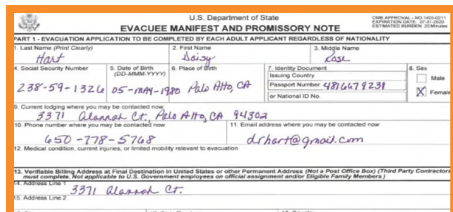
Example Use Cases

- » Purchase Card Transactions
- » Unemployment Benefits
- » Improper Payments
- » Invoice Reconciliation
- » Forms Validation
- » Grants Management

MIL Business Focused Automation

MIL helps you improve operations, collection, analysis, and use of data through Intelligent Character Recognition, Machine Learning, advanced analytics, and visualization.

Automating collection and ingestion of forms for analysis and processing

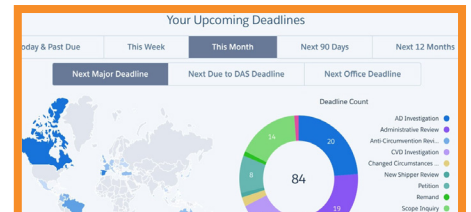


Handwritten Form



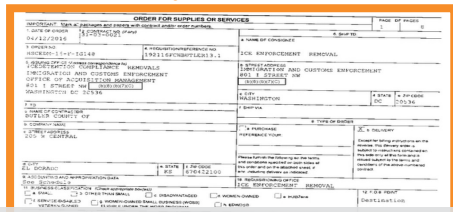
General Form Parser	Value	Confidence	Entity	Value
bar (include cc)585-232-8643	4/30/2099	0.9999249	Lastname	Brown
123-45-9876		0.9999676	MiddleName	Jackson
Jackson		0.9998748	SSN	Louis
123-45-9876		0.9997956	DateOfBirth	
123-45-9876		0.9897817	Race/Ethnic	Hobrook, NY
Hobrook, NY		0.9999708	DCountry	USA
bar (include cc)585-933-0724	1/1/2059	0.9999733	PassportNumber	23 Strawberry Lane, Intl, NY
28 NY		0.9999781	State	Islip
123-45-9876		0.9999787	Country	NY
123-45-9876		0.9999713	PostalCode	USA
where you may file/brown@gmail.com	11723	0.9999675		

Structured Data



Actionable Insight

Retrieving key data points from unstructured documents (e.g., contracts, published reports)

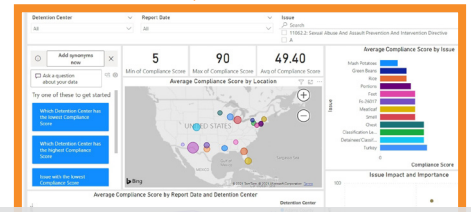


Contract Information



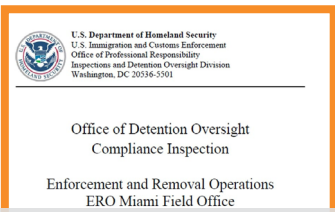
Form Key	Form Value
4. REQUISITION/PURCHASE REQ. N 192117FCHBUTLER21	
10A. MODIFICATION OF CONTRACT 31-03-0021 HSCEDM-16-F-IG148	
10B. DATED (SEE ITEM 13)	4/12/21
1. EFFECTIVE DATE	See Block 160
Program CCR:	(b)(6);(b)(7)(c)
2. AMENDMENT/MODIFICATION N P00007	
16B. UNITED STATES OF AMERICA 16C. DATE SIGNED (b)(6);(b)(7)(c)	
D. OTHER (Specify type of modification in accordance with agreement 31-03-0021	
16A. NAME AND TITLE OF CONTRA(b)(6);(b)(7)(c)	
PAGE OF PAGES	
Contracting Officer:	(b)(6);(b)(7)(c)
Program PCC:	(b)(6);(b)(7)(c)
12. ACCOUNTING AND APPROPRIA' See Schedule	

Structured Data



Information Decisions

Natural language processing – using converted data to build analysis and dashboards

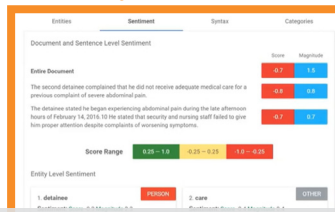


Static Reports

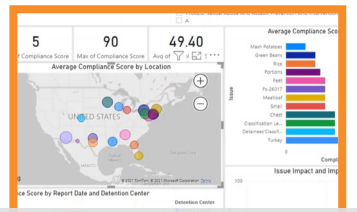


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Captured Content



Natural Language



Strategic Policy