

Case Study: FAA Purchase Card Processing System (PCPS2)

Transforming Compliance & Procurement through UiPath RPA

Prepared by Synaptein Solutions Inc.
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Case Studies Series

Synaptein Solutions

Client Overview

The **Federal Aviation Administration (FAA)** manages one of the largest government purchase card programs, requiring strict compliance with legal and regulatory standards. The agency needed a modernized **Purchase Card Processing System (PCPS2)** to automate workflows, enforce compliance, and improve audit readiness.

Business Challenge

FAA faced multiple challenges in managing purchase card transactions:

- Manual workflows delayed **approvals and reconciliations**.
 - Lack of automation led to **compliance risks and potential fraud**.
 - Integrations with financial systems, IAM, and contracting systems required **manual intervention**.
 - Audit preparation was **time-consuming and inefficient**, relying heavily on staff effort.
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Solution Approach: UiPath Intelligent Automation

Synaptein implemented **UiPath RPA** to streamline the end-to-end purchase card lifecycle:

1. Transaction Processing & Documentation

- Bots automated **data entry, document linking, and reconciliation**, reducing cycle times.
- UiPath automated collection and secure storage of card-related documentation.

2. Compliance Monitoring & Fraud Detection

- RPA workflows distributed policies automatically to staff.
- Automated validation rules flagged **improper usage and split purchases**, preventing fraud.

3. Workflow Orchestration

- UiPath bots integrated with **Financial, IAM, AMS, UCS, and DMS/CMS systems**, reducing manual handoffs.
- Automated **routing, escalation, and intelligent redirection** of purchase card requests.

4. Audit & Reporting Automation

- UiPath orchestrated **real-time dashboards and reconciliation reports**.
- Audit documentation was automatically prepared, cutting prep time by more than half.

Outcomes & Impact

- **\$2M in annual savings** identified by detecting split-purchase fraud.
- **80% reduction in approval cycle times**, enabling faster procurement.
- Improved **compliance and audit readiness** through automated documentation.
- Established a **scalable RPA foundation** to expand automation across FAA financial systems.
- Recognized by the **Comptroller General's Office** for measurable efficiency and fraud prevention.

Technologies Used

- **UiPath RPA Platform** (Robots, Orchestrator, Studio)
- **Oracle & AMS systems integration**
- **Dashboards & BI reporting tools**
- **Document repositories** (Alfresco/Savvion equivalent automated through bots)

Why Synaptein

With proven expertise in **UiPath RPA and federal financial systems**, Synaptein helped FAA modernize procurement, reduce fraud, and build a **future-ready automation platform**. Our automation-first approach delivered both **immediate ROI and long-term scalability**.