



AUTOMATION[®]
ANYWHERE
Go be great.

An Overview of AAI's Intelligent
Automation Platform
for the Public Sector

RPA Addresses Multiple Government-wide Challenges

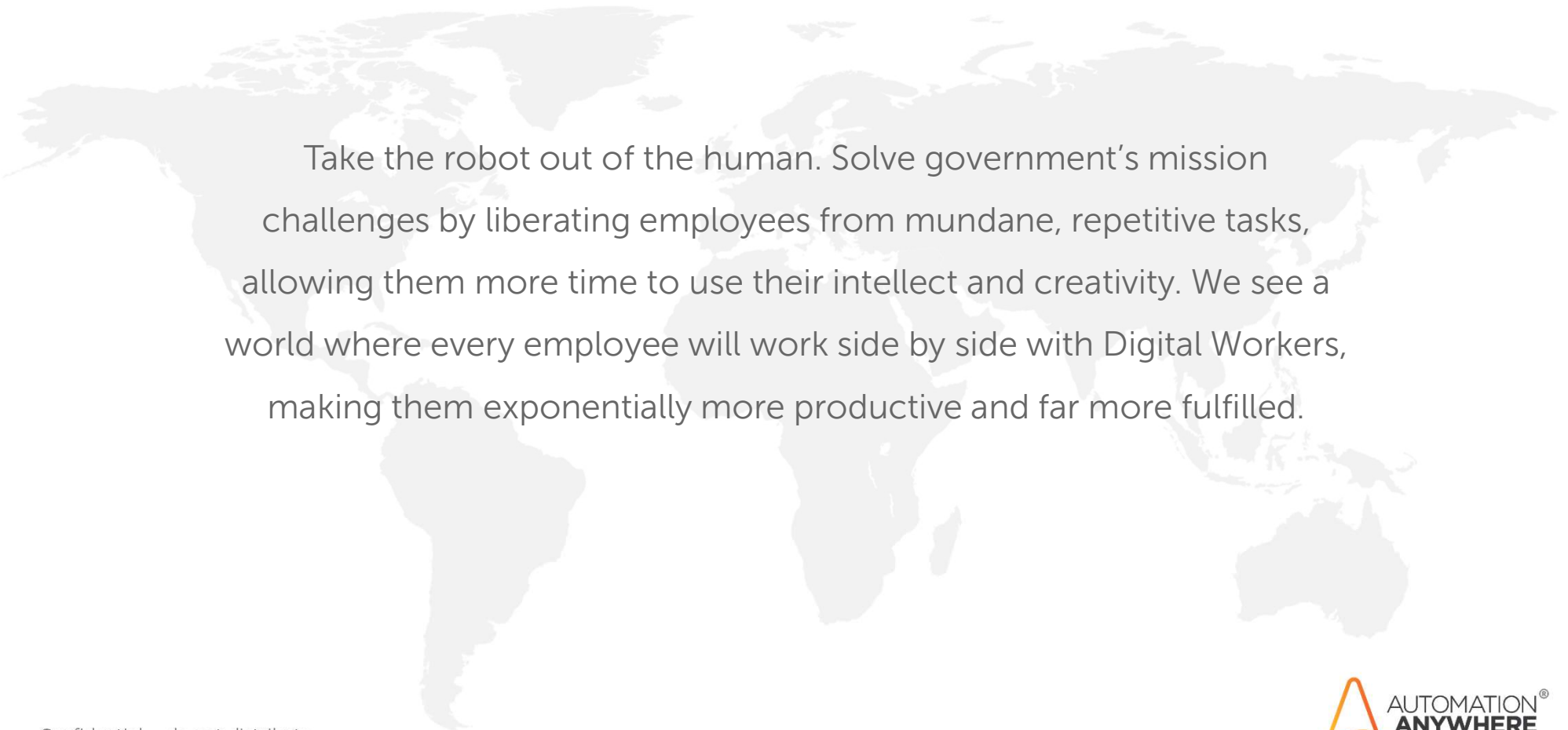
Government-wide Challenges:

- Cyber security/networks
- Legacy IT systems
- Heightened citizen expectations
- Expanding mission needs
- Employee brain drain
- Work backlogs; limited capacity
- Inefficient processes

Automation Aligns to:

- President's Management Agenda
- President's FY 2021 Budget
- Executive Order on Artificial Intelligence
- Workforce reskilling initiatives
- Shared Services
- OMB "Smart Cloud" Policy
- Technology Modernization Fund

Vision of the Digital Worker



Take the robot out of the human. Solve government's mission challenges by liberating employees from mundane, repetitive tasks, allowing them more time to use their intellect and creativity. We see a world where every employee will work side by side with Digital Workers, making them exponentially more productive and far more fulfilled.

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High Value Use Cases in Government



Procurement

(Chief Acquisition Officers)

- Requirements research, quote validation
- Accounts opening and closing, verification
- Order confirmation, PO processing
- Front-end/back-end systems data transfer
- Accounts Payable (intake, verification, process, payment)
- Audits, report processing, vendor scorecards
- Anti-fraud monitoring
- Requisition order processing, reporting and tracking
- Help Desk



Financial Processes

(Chief Financial Officers)

- Improper payments
- Historical data acquisition, consolidation/integration
- Budget forecasting, planning and execution processes
- Funds allocations, distribution
- Reconciliations
- Year-end closing and reports
- Tax calculations, data management, and payment tracking
- Travel booking and expenses
- Journal data entry
- Help Desk



Human Resources

(Chief Human Capital Officers)

- Recruitment and hiring
- PARs
- Onboarding, employment verification and authorization
- Offboarding/termination/retirement processing
- Payroll processing
- Benefits calculations and management
- Security background clearances
- Help Desk



Mission Processes

(All Agencies)

Inspections

- Account tracking, data acquisition and validation, findings processing, report distribution, settlements processing

Claims processing and casework records management

- Claims opening and closing, data intake, complaint processing, claims adjustments, authorization, payment processing)

Cyber Security

Consular services

Grants management

Processing tax returns and distributing refunds

Call Centers



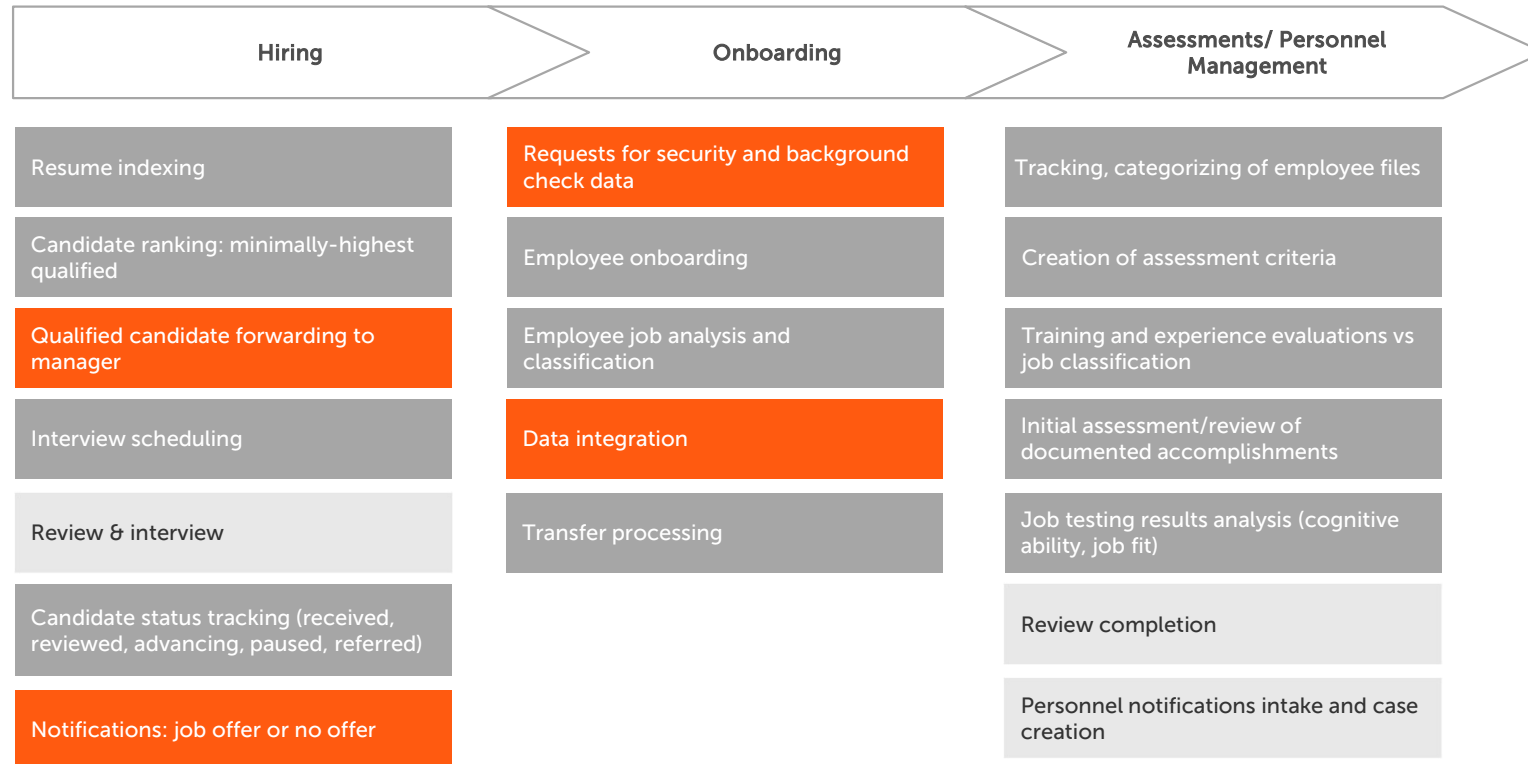
Automation Opportunities in Government Financial Processes

Budgets	Accounting/Travel	Funds Distribution/ Invoice Payment	Revenue Collection	Closing, Audits, Financial Reporting
Data collection, consolidation (historic/new incoming)	Accruals	Distribution program enrollment (like IRS ASAP)	Account management	Reconciliations
Budget forecasting, planning	PP&E calculations	Data categorization & integration	Tax calculations, early warning calculations	Monthly/quarterly/year end close reports
Budget request management	Expense report data entry	Funds distribution request & transaction validation	Collections & payment tracking	Audit preparation: data consolidation, initial testing, reports, escalations
Acquisition planning	Expense categorization and classification	Funds account mgmt: pending distributions, account status updates	Data collection, validation and integration	Audit exceptions investigation
Allocation planning	Expense report data verification	Discrepancy identification and remediation	Discrepancy/issue monitoring, audit designation	Financial reports routing
Spend plans	Integration of expense report data into centralized system (like ERP/Accounting)	Distribution of allocated funds (or invoice payment)	Status updates; inquiry tracking, complaints routing	
	Report routing, approvals	Payment/ distribution notifications	Settlements & collections	
	Reconciliation of centrally billed accounts	Claims processing	Key service metrics reporting	
	Audit preparation, data consolidation, reports			

High RPA Potential
Moderate RPA Potential
Low RPA Potential



Automation Opportunities in Government Human Resources



High RPA Potential Moderate RPA Potential Low RPA Potential

Automation Opportunities in Government Procurement

Pre-purchase	Purchase – Frontend	Purchase - backend	Payment processing	Payment processing
Purchasing requests intake	Vendor verification/ financial health/contractor responsibility determination	Funding verification	Data transfer: contract to AP/financial mgmt/ ERP sys	Closeout approval: completion & payment verification
GSA schedules mgmt	Pre-negotiation: data collection & population	Reviews approvals management	Invoice registration and indexing	Uploading reporting data
Related requirements data scan & collection	Contract negotiations	FAR compliance and updates	Invoice cross checking and validation	Collection and consolidation of vendor performance data
RFQ/RFP initiation/ solicitation	Award notifications	Order generation	Invoice processing: post- park-block categorize/route	Compliance & audit data gathering & reports
Email processing; quote data extraction	Account setup	Data transfer: contract sys to inventory mgmt system	Verification of contractual obligations fulfillment	Fraud audit
Quote review: price comparison checks	Contract setup & mgmt	Data transfer: Contract systems to FPDS-NG system	Payment approval or exception routing	
Government mandates/incentives check	Email processing; requests for information, changes	Status updates processing	Prioritization /scheduling payment per contract	
KYC compliance exception routing	Contract modifications		Payment reminders: discounts/late payment	

High RPA Potential

Moderate RPA Potential

Low RPA Potential

Automation Opportunities in Government Mission Processes

Inputs/Originations	Government Validation	Processing/Adjustments/Adjudication	Payment/ Resolution	Management/ Compliance/ Reporting
Transaction record & reporting collection (claims)	Verification of transactions for associated program (PII, insurance transactions, appraisals)	Routing files/claims to other systems/agencies	Decision support: algorithms, data analysis/ calculations	Audit reports, data for budget requests/approvals
Collection of data from outside stakeholders, other departments	Data validation against outside sources/ other systems	Capture/submit/ process data (briefs, reports, re-inspections, evidence, applications)	Similar case rationale to support conclusions	Fraud/compliance, pattern monitoring/analysis
File/docket/claim creation	Data error/ discrepancies identification, notification, resolution or escalation	Case mgmt./processing (scheduling hearings/ proceedings, interviews)	Final case/claims decision & fulfillment documentation	Realtime visibility into key metrics of files/claims (past due requests/aging, etc.)
Identification & collection of missing documentation	Policy/file/ticket/ application tracking to facilitate error corrections	Routing and tracking of location and status for casework/claims	Compliance checks and notifications	Supervisor notifications
File/docket/claim/ticket indexing		Systems/ data integration; Collaboration & sharing with communities/states	Electronic signatures	
Assessments		Case management alerts; Clerical functions; Service support	Fee collection	
	High RPA Potential			
	Moderate RPA Potential			
	Low RPA Potential	File consolidations	Case file closure; Record archival	



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