Robotic Process Automation

Robotic Process Automation (RPA)—the automation of mundane, repetitive tasks—creates software robots, or "bots," that perform computer tasks previously performed by employees, resulting in a digital workforce that provides substantial cost savings based on reduced manual labor.

Enabling a digital workforce allows an organization to improve in multiple areas, assisting a current workforce or team by removing some of the mundane and routine tasks, improving the morale of an organization, while increasing accuracy and reducing cost. Metrics show that RPA can create a 25%–50% cost savings; can cost as little as 1/5 of an average manual fulltime employee (FTE), and one bot can do the work of three to five FTEs 24/7.

OUR APPROACH

Leidos has partnered with Automation Anywhere, a developer of RPA software, to deploy RPA across the corporation, enabling our own digital workforce transformation and creating a capability we can replicate for our government and commercial customers.

Following industry best practices, Leidos created an Intelligent Automation Center of Excellence (COE). The Automation COE provides a structured, compliant, and scalable approach to add increasingly more bots, promotes standardization across the enterprise, generates organizational RPA competency, centralizes the delivery of end-to-end RPA, addresses impact, and implements effective control and governance. The Intelligent Automation COE also established a consistent approach to select which processes are the best candidates for automation.

Using this approach, Leidos performs candidate bot identification, top-level benefit analysis, prioritization, feasibility analysis, complexity analysis, and uniform business case development. This approach enables us to quickly determine the appropriate bots and realize the cost benefits.

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OUR CAPABILITIES

The Leidos RPA solution automates manual tasks in a systematic, controlled fashion that meets security, cyber, compliance, and audit requirements. RPA automation can be developed in just a few weeks, navigate different digital landscapes, handle complex tasks and processes, is scalable for an enterprise, and is non-invasive as it integrates into existing processes and systems. Leidos RPA:

- ▶ Enables an organization to embark on digital workforce transformation
- ▶ Goes from concept to production within a few weeks
- ▶ Utilizes the existing applications already used by the manual worker in the current environment, without changes to the existing infrastructure or network architecture
- ▶ Provides a consistent output

FEATURES AND BENEFITS

FEATURE	BENEFIT
Enables digital workforce transformation	Reduces cost
	Increases employee morale and reduces attrition by automating mundane tasks
Provides audit and security controls	Ensures compliance (e.g., SOX, CIS, etc.)
Allows 24/7 processing of manual tasks	Increases productivity
Leverages Leidos' Automation Center of Excellence	Establishes continuous and standard governance and development processes
Provides an agile approach to bot development	Enables a velocity of 2–3 bots/month with an RPA IT team of approximately 7–9 FTEs

PROVEN SUCCESS

Bots have been developed on multiple programs to support Federal Government Agencies, Healthcare Networks, and Commercial Energy companies. For example, some of our bots developed help prepare the required expense report substantiation information sent to the agency to support submitted invoices. Prior to the bots, this process was manually intensive and would take many hours each week, where now it takes minutes.

WHY PARTNER WITH LEIDOS?

Leidos' RPA solution installs an Intelligent Automation Center of Excellence to govern and manage bot development, where the bots easily integrate with a CRM, ERP, ITSM, and HCM system, as well as email systems, network folder structures, and file systems and provides our customers:

- ▶ Implementation of the industry-leading Automation Anywhere RPA platform
- ▶ A scalable, minimally intrusive path to expand bot use across all areas of organizational processes, while keeping existing systems, applications, and processes in place
- ▶ Expertise to enable digital workforce transformation, leading to substantial and repeatable cost savings

NEXT STEP

RPA can transform your organizations' workforce, automating manual tasks while increasing accuracy and reducing cost. Contact our RPA experts to discuss what's next for your digital workforce transformation.

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