

RPA for Server Setup



Nicole Dudas

Project:
Create a bot for server
commissioning which can
run unattended after an
initial form verification &
login.



Project Overview

ROI



ROI: Server Commissioning with RPA

Criteria		Value
Yearly RPA Savings	Process Volume (annually - Commissioning Only)	156
	Process Length (hours)	2.5
	BIT Systems Team Billing Rate (hourly), with benefits	\$ 64.00
Total		\$ 24,960.00
Yearly RPA Expenses	RPA License Cost	\$ 10,000.00
Cost to Build	Innovation Intern Billing Rate	\$ 17.00
	Research and Build Time (hours)	\$ 300.00
Total Cost to Build		\$ 5,100.00
Total Annual Savings		\$ 14,960.00

Overall Achievements



Learned Automation Anywhere, created practice project

Shadowed Systems Team member to learn server setup/takedown, created detailed process maps, then built a test server myself.

Researched & developed solutions for credential security, and viability of Automation Anywhere for remote processes.

Developed Service Now intake form for bot requests

Built out bots for Generating Server Name, Completing Service Now Documentation, & Creating Virtual Machine

Built out 90% of bot for Configuring Windows step (still needs testing & 2 small fixes).

Future Steps



- Run detailed testing (especially on the Configure Windows bot), make robust system in case of errors.
- Make changes as needed in response to Adam's review of demos
- Have bot read input from Service Now form (once form is live in January)
- Set up automatic credential input
- Have System's Team iterate in test environment, then transition to Production.

Potential Future Obstacles



High degree of variability in
process

Potential updates over
time, due to image
recognition.

Thank you!
Any questions?

