OSIRIUM **PPA**

Privileged Process Automation

Automate IT Operations to reduce cost and risk while improving security and customer service

Introduction

IT Infrastructure and Operations teams are under enormous pressure to deliver better customer service and implement business initiatives faster than ever. Administrators have been creative in automating relatively simple tasks but traditional approaches are inefficient and a security risk.

With Privileged Process Automation (PPA), IT administrators can automate complex, multi-system processes securely. Typical "grunt work" tasks can be delegated to Help Desk engineers, or even to end-users, allowing the admins to get on with more interesting and valuable work.

PPA benefits

Automate secure IT operations

The only automation system built for privileged access to critical IT systems.

- Securely automate common administrator tasks such as reset password
- Automate multi-system processes to remove dependencies on multiple admins
- Always protect admin credentials

Enhance systems security & compliance

Enhance the security of existing IT systems.

- Automate processes to ensure policy compliance
- Implement fine-grained role-based access controls
- Prevent inexperienced staff having access to privileged operations or tools

Simplify complex privileged tasks

Reduce complexity and standardise privileged operations.

- Human-guided automation to validate results and make decisions
- Automate across multiple systems preventing silos of automation
- Integrate with help desk management tools to remove manual steps in automated workflows

Full audit trail

Full audit trail of all operations.

- Satisfy compliance requirements transparently
- Track who runs which processes, where and when
- End-to-end record of actions to track changes back to help desk (e.g. ServiceNow) tickets

Bring your own code

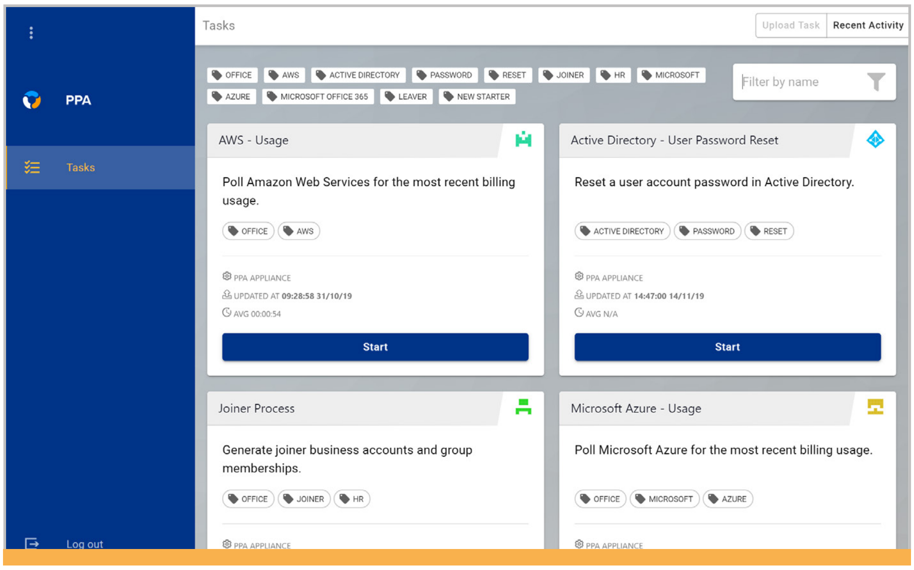
Reuse existing tools to avoid rework.

- Reuse existing tasks and scripts
- Implement fine-grained role-based access controls on tools with limited security
- Isolate scripts from privileged credentials

Keep credentials secure

Isolate credentials from devices.

- Users never have access to privileged credentials
- Seamlessly operates with Osirium Privileged Access Management or other PAM tools
- Never embed valuable secrets in scripts or code



Tasks

AWS - Usage

Poll Amazon Web Services for the most recent billing usage.

OFFICE · AWS

PPA APPLIANCE
UPDATED AT 09:28:58 31/10/19
AVG 00:00:54

Start

Active Directory - User Password Reset

Reset a user account password in Active Directory.

ACTIVE DIRECTORY · PASSWORD · RESET

PPA APPLIANCE
UPDATED AT 14:47:00 14/11/19
AVG N/A

Start

Joiner Process

Generate joiner business accounts and group memberships.

OFFICE · JOINER · HR

PPA APPLIANCE

Microsoft Azure - Usage

Poll Microsoft Azure for the most recent billing usage.

OFFICE · MICROSOFT · AZURE

PPA APPLIANCE

The PPA Home Page. Users are presented with a selection of available tasks depending on their role.

Typical PPA use cases for Privileged Automation

PPA is a highly flexible, secure automation framework that can be used by business users, help desk agents or administrators to remove manual effort and risk. Some examples of typical uses of PPA include:

New starter - Developer

- Create account in Active Directory
- Create virtual machines for Dev & Test
- Create development databases
- Create accounts in CI/CD tools
- Update HR records

Network operations

- Update ports
- Create DNS records
- Configure routings, across different hardware vendor platforms

Reset password

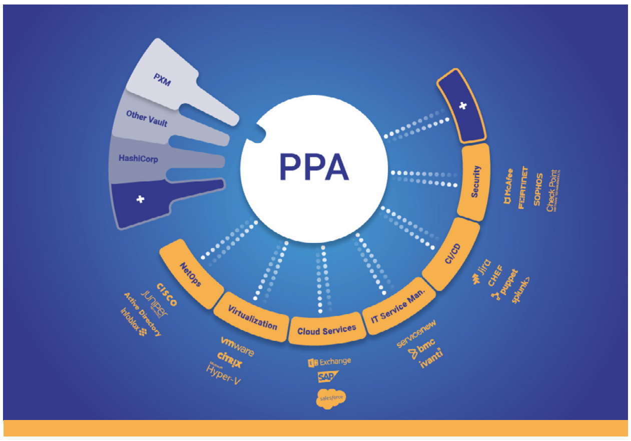
- Verify requesting user ID
- Set temporary password in AD
- Set 'reset next login' flag
- Update ServiceNow ticket

Gather financial data

- Securely access Azure or AWS management console
- Acquire billing data for selected period
- Format data for use by Finance teams

Securely enhance existing IT infrastructure

Osirium PPA uses standard open interfaces to automate a broad rang of services, devices and applications. Its container-based architecture is highly-scalable and secure to support the largest enterprise environments.



About Osirium

Osirium Technologies plc (AIM: OSI.L) is a leading vendor of Privileged Access Management ("PAM") and Privileged Process Automation ("PPA") software. Osirium's cloud-based products protect critical IT assets, infrastructure, and devices through automation and by preventing targeted cyber-attacks from directly accessing Privileged Accounts, and removing unnecessary access and powers of Privileged Account users.