RefinePro Platform
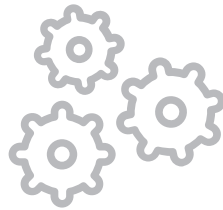# for **Data Pipelines**

A unified administration center to schedule, configure and monitor data processing scripts

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Increase Productivity

- Remotely run, save, share and schedule Alteryx and Tableau Prep's workflows from a self-service interface.

- Formalize development best practices and automate deployment across teams and projects.

- Scale server to grant project extra compute power.

- Improve security by limiting access to environments, servers, and scripts.

Lower License Cost

- RefinePro's Platform provides common adminstration center features at a fraction of their costs.

- Enable team member to schedule and execute workflows without costly software license.

- Manage multiple environments (production, staging) on the same execution server with a single license.
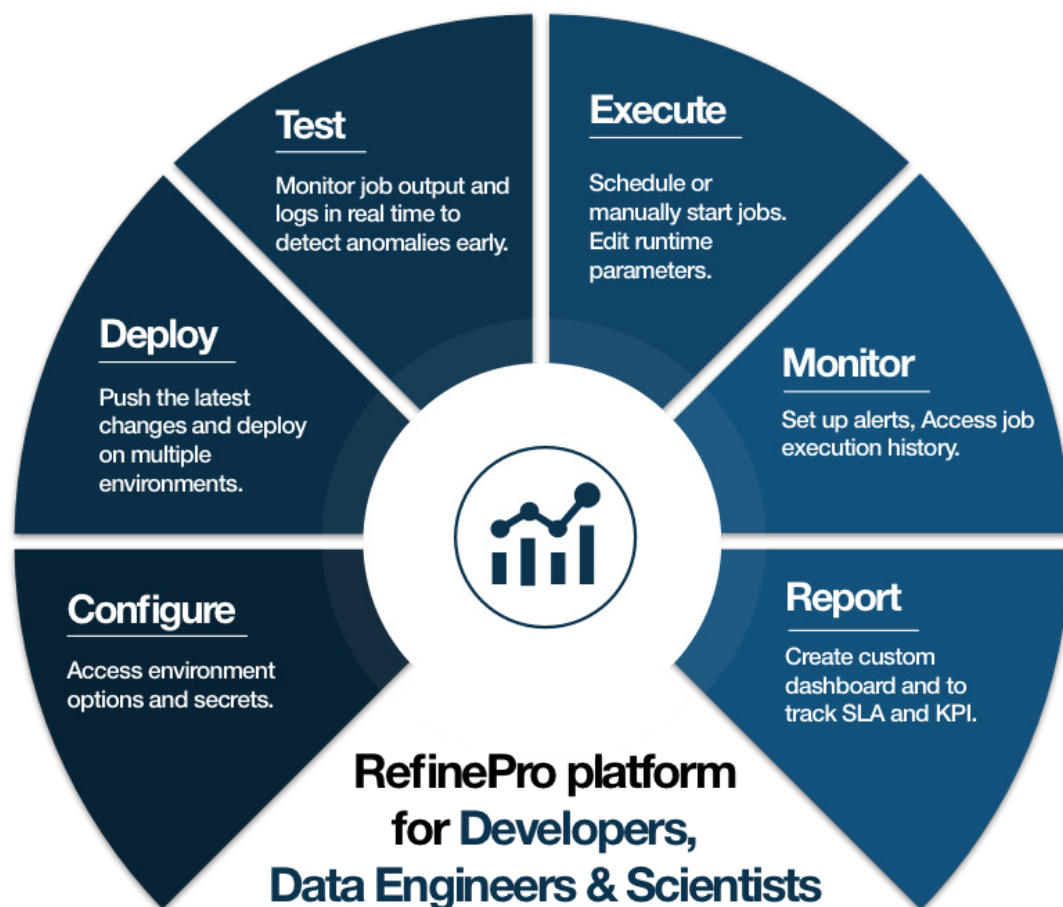
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Support the Full Lifecycle

DevOps and System Administrators configure environments and automate deployment process.
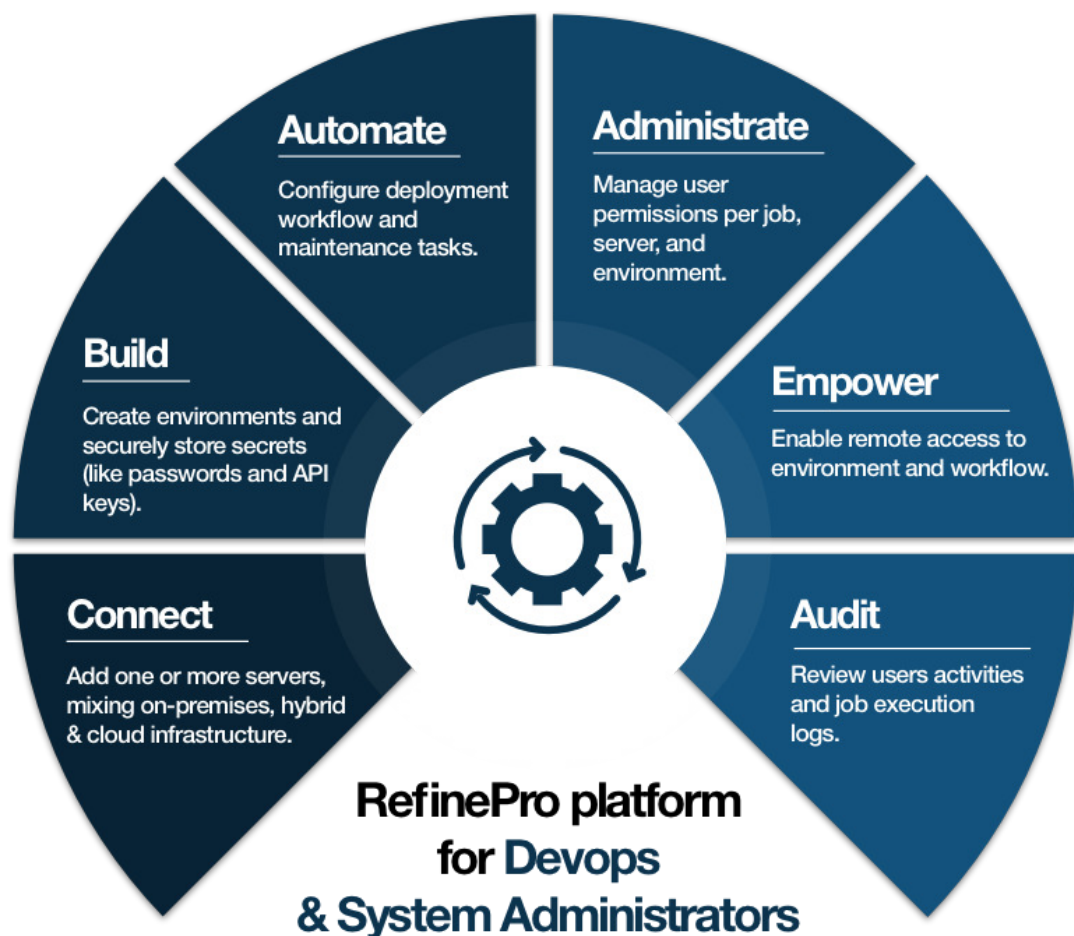
Developers, data scientists, and engineers deploy, execute and monitors data processing scripts in a secure and self-service environment.

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Automate
Configure deployment workflow and maintenance tasks.

Administrate
Manage user permissions per job, server, and environment.

Build
Create environments and securely store secrets (like passwords and API keys).

Empower
Enable remote access to environment and workflow.

Connect
Add one or more servers, mixing on-premises, hybrid & cloud infrastructure.

Audit
Review users activities and job execution logs.

RefinePro platform for Devops & System Administrators

Test
Monitor job output and logs in real time to detect anomalies early.

Execute
Schedule or manually start jobs. Edit runtime parameters.

Deploy
Push the latest changes and deploy on multiple environments.

Monitor
Set up alerts, Access job execution history.

Configure
Access environment options and secrets.

Report
Create custom dashboard and to track SLA and KPI.

RefinePro platform for Developers, Data Engineers & Scientists

Scripts Management Features

PARALLEL EXECUTION AND SCHEDULING
Schedule job via the API or the web interface. Team member can start multiple workflows simultaneously without accessing the code.

RUNTIME & SYSTEM PARAMETERS
Set up default runtime and environment parameters per script. Define who can view and update inputs parameters when starting a workflows.

REAL TIME SCRIPTS MONITORING
Monitor jobs execution in real time in the web interface. Access history with their parameters and detailed logs for audit purpose.

ACCESS EXTRA COMPUTE POWER
Configure multiple environments and execution servers. Scale up machine to process larger data flows.

CODE REPOSITORY
Save project in a centralized repository with version control to track and rollback changes. Share access with other team member.

AUTOMATE JOBS DEPLOYMENT
Enable continuous integration by deploying the latest version of a workflow automatically.

Administration Features

MULTI USER
Bring your full team in a centralized administration center. Data scientists, engineers, developers, system administrators, business analyst, project manager, have access to the same information in real time.

SECURE
Control permission using advanced role-based access control with customizable groups. Manage access per job, customer, server, and environment. Allow users to run project without sharing sensitive credentials.

REPORTING
Prepare custom reports for each audience based on live and historical workflow information including status, input parameters, and output logs. Access reports via the web interface or API.

CUSTOMIZABLE
Customize which features are available on a project by project basis. We can develop custom features that integrate with the Platform permission and job data model.

ALERTS
Receive alerts by email or slack notification on workflow success, failure, or based on custom indicators.

API ACCESS
All RefinePro Platform functionalities are available in a documented API.

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Deployment Process

RefinePro leverages open source and proprietary modules to tailor each deployment based on the client's requirements.

1. Discovery

RefinePro experts meet with your team to understand your requirements and processes.

2. Implementation

RefinePro deploys the Platform, connects the code storage and the execution server.

3. Launch

Invite your team to run, save, share and deploy workflows in a self-service environment.

4. Maintenance

RefinePro offers proactive maintenance and support via a retainer

Deployment Option

RefinePro Platform is available in a multi-tenant, hybrid and on-premise deployment.
Execution server are hosted on the customer infrastructure.

Technologies Supported

Use RefinePro Platform also support the following technologies.

talend

OpenRefine

parsehub

python™

alteryx

docparser

ontentGrabber

Java

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