

Posit Enterprise Analytical Platform

Licencing, set-up, training and on-going support
for Posit commercial products

What is an Analytical Platform?

Modern organisations collect and use large amounts of data. An Analytical Platform is a combination of software tools which enable analysts and data scientists to analyse data and create analytical tools to support decision makers, e.g.

- Automated reports
- Interactive dashboards
- Web apps
- Web APIs

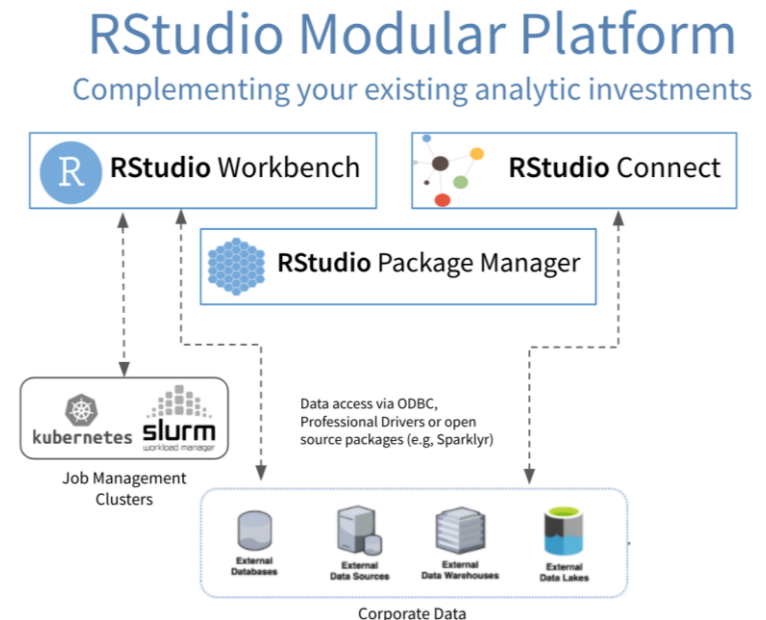
We resell and provide support for Posit's commercial products which, used together, provide an Analytical Platform which allows analysts to develop in R or Python, with results easily and controllably shareable.

Posit (formally RStudio) offer three separate products, available individually or as a bundle called "Posit Team".

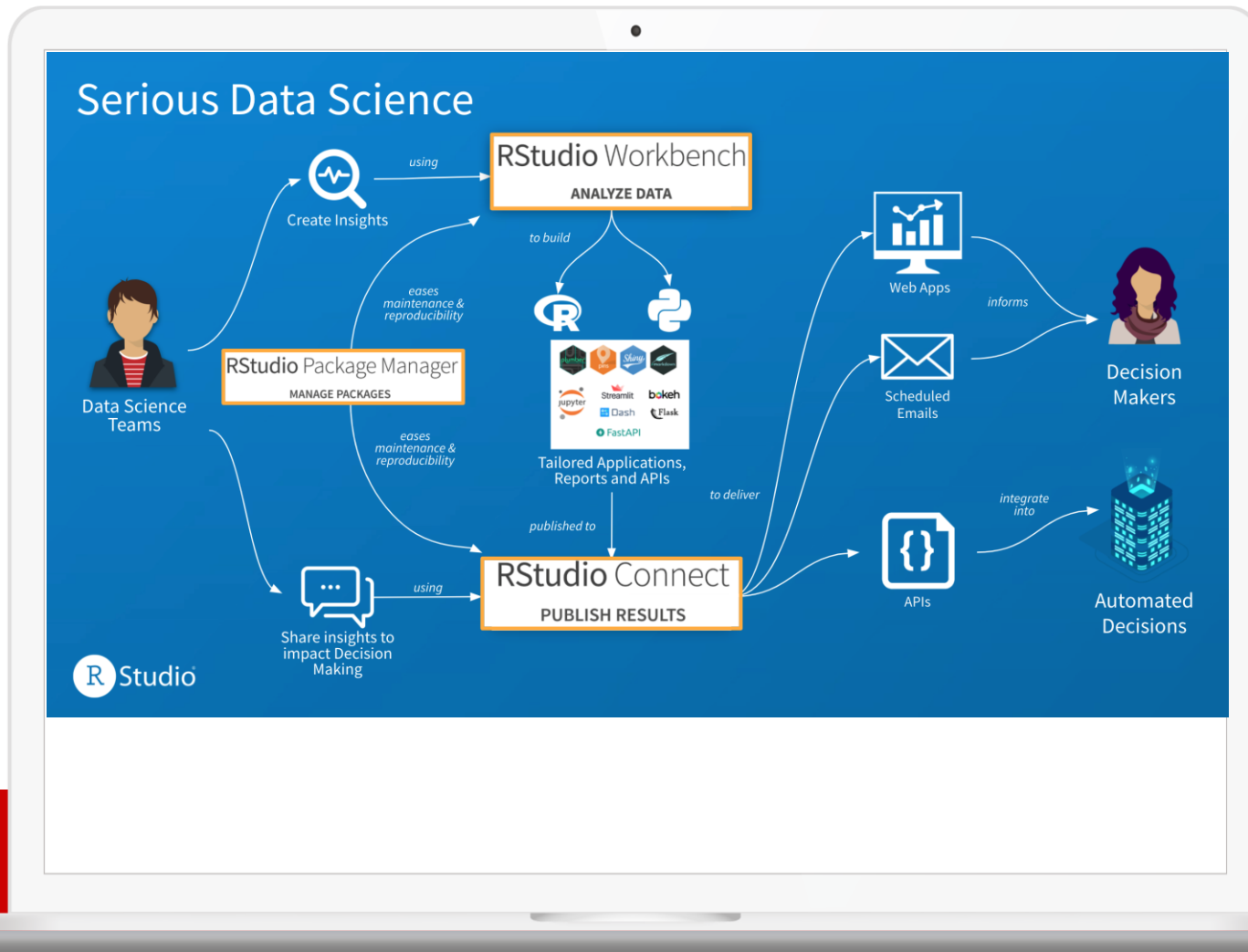
Posit Workbench – allows development of content in R or Python using the RStudio IDE, Jupyter Notebooks or VS Code

Posit Connect – allows developers to share content with a wider user-base

Posit Package Manager – ensuring that developed content uses only approved code libraries



An Analytical Platform based on Posit software



Why choose Hartley McMaster?

30 years' experience helping clients make more informed decisions through data analysis, data science, and scenario modelling.

Our values:

1. Always delivering value
2. Providing a solutions that fits the problem
3. Working with you, not just for you

We have over 10 years' experience with Posit products. We use Posit's tools every day, for clients and for ourselves. This wealth of real-world experience allows us to:

- Tailor your Posit set up to fit your size and needs
- Integrate Posit's Analytical Platform with your existing data and infrastructure
- Support your staff to maximise their productivity and the value they extract from your organisation's data

Features & Benefits

Features

- Develop using RStudio IDE, Jupyter Notebooks and VS Code
- Develop in R and/or Python
- Secure control over packages and libraries your developers can use
- Integrate with GitHub, Tableau, Power BI and other tools
- Create automated reports with scheduled updates and distribution
- Create interactive web apps linked to databases or APIs
- Create and publish your own APIs
- Control which users have access to which published content
- Ongoing support and training to help you maximise value

Benefits

- Fast set-up and early return on investment
- Establish and maintain best practice in analytical development
- Continuous support and training
- Server-hosted, no client-side software to install or maintain
- Dedicated hosting (SaaS)
- Integrates with your existing network resources
- Support open-source software without the downsides
- Functionality and support tailored to your scale, need and budget

Product Options

We sell a packaged product and service built around Posit's own commercial products. This can include, in any combination:

1. Software licences
2. Support in planning, installation and integration with existing systems
3. Provisioning and hosting of Posit products (Analytical Platform SaaS)
4. Training in how to use Posit products effectively
5. Maintenance and support for Posit products
6. Migration of business-critical reports, dashboards and analytical models onto an Analytical Platform using Posit products

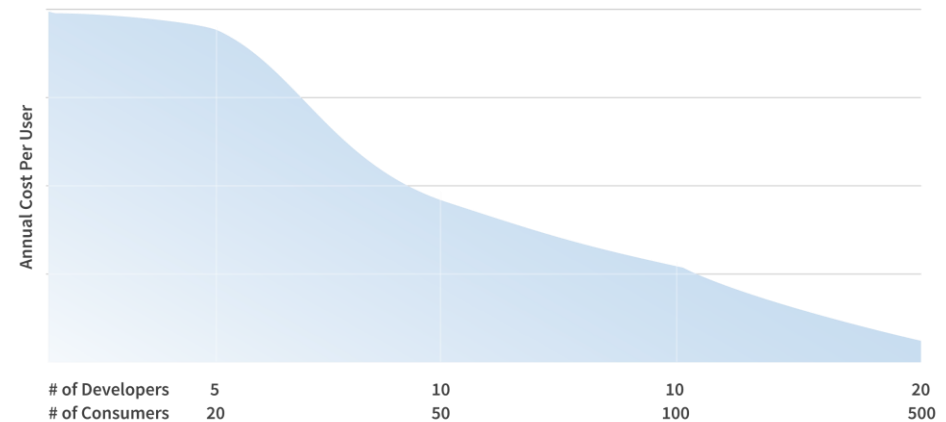
Posit Software Licences

Posit sell three separate products – Workbench, Connect, Package Manager – also available as a discounted bundle called Posit Team.

Each product comes in three variants – Basic, Enhanced, Advanced – with increased functionality. The Basic variants are suitable for smaller teams (up to 10 developers / 50 users); Enhanced for medium-large teams (up to 100 developers / 500 users); and Advanced for the largest teams or those that require the full suite of features.

The equivalent cost per developer/user is significantly reduced for larger teams and those buying the full suite of products together. Multi-year deals are also possible.

If you purchase licences through us to host on your own servers, we charge you Posit's retail price at the time with no margin added.



Posit quote prices in \$USD; we provide you a quote in £GBP based on exchange rates at the time. Quotes are valid for 30 days.

Posit Workbench features

Basic

Essential access to the most popular open-source IDEs for Python and R. Designed for small teams, with up to 10 users. Manage Workbench on a single server.

- Code with RStudio,
- ✓ JupyterLab, or VS Code from anywhere via browser
- ✓ SSO / Authentication
- ✓ Admin-configurable, server-sized compute
- ✓ Multiple Python / R versions
- ✓ Advanced Python and R session management
- ✓ Administrative dashboard
- ✓ One production and one staging instance

Enhanced

Robust development for high governance and compliance. For growing teams with up to 100 users. Manage Workbench with load balancing / high availability with two servers.

- ✓ All Basic features
- High availability / load
- ✓ balancing with two servers and two staging servers.
- Authentication pass-through
- ✓ for AWS, Databricks, and Azure credentials
- ✓ Audit executed code and session actions
- ✓ Monitoring of server and session metrics

Advanced

A complete solution with unlimited instances for any environment. For large teams who need maximum scalability and all the features. Scale Workbench to Kubernetes and Slurm clusters.

- ✓ All Enhanced features
- Unlimited instances of Posit
- ✓ Workbench for advanced deployments
- Managed offerings in
- ✓ Amazon SageMaker, AzureML, or Google Cloud
- ✓ Run jobs on Kubernetes / Slurm
- ✓ Provide container-backed sessions

Posit Connect features

Basic

Deploy and deliver Python and R in production with enterprise security and support. For small teams with up to 50 consumers.

- ✓ Share apps, reports, dashboards, and pins developed in Python and R
- ✓ Schedule reports
- ✓ SSO / Authentication
- ✓ Organize content for easy discovery
- ✓ Track usage of published content
- ✓ Share static content with unlicensed visitors
- ✓ One production and one staging instance

Enhanced

Scalable data solution delivery with support for web API frameworks and custom branding. For medium teams with up to 500 consumers.

- ✓ All Basic features
- ✓ High availability / load balancing with two servers and two staging servers
- ✓ Deploy web API frameworks like FastAPI, Flask, and Plumber for real-time analytics
- ✓ Custom branding support for a personalized Connect experience
- ✓ Execute content as viewer (RunAsCurrentUser)
- ✓ No-Login Access to Static Content (without "Powered by Connect" branding)

Advanced

Maximum scalability with easy content deployment in Kubernetes. For large teams.

- ✓ All Enhanced features
- ✓ Unlimited servers maximum flexibility
- ✓ Support for Kubernetes with Off-Host Content Execution

Posit Package Manager features

Basic

Essential support for using public package repositories and local packages inside your network

- ✓ 3 repositories (CRAN, Bioconductor, PyPI) with support for internal packages
- ✓ Provide complete mirrors of CRAN, Bioconductor, and PyPI
- ✓ Faster package installs with Posit-built binaries
- ✓ Date-based repository snapshots
- ✓ Blend public and internal packages
- ✓ One server and one staging server

Enhanced

Secure, robust, flexible package management for Python and R teams

- ✓ 10 repositories
- ✓ All Basic features
- ✓ Curated package repositories
- ✓ Security vulnerability reporting and blocking
- ✓ High availability with two servers and two staging servers

Advanced

A complete package governance solution for advanced developers and regulated environments

- ✓ Unlimited package repositories
- ✓ All Enhanced features
- ✓ Support for offline / air-gapped environments
- ✓ Custom package blocking rules and exceptions
- ✓ Automate internal package deployments with git and CI/CD builders
- ✓ Unlimited servers advanced maximum flexibility

Posit Analytical Platform SaaS

As an alternative to purchasing Posit licences, Hartley McMaster offers a hosted version of Posit products as an Analytical Platform SaaS which can be integrated with your own organisation's networked data and services. It is priced to include licence fees and hosting for a combined per developer, per month service charge.

The price is based on the number of developers but will be affected by the number or users (i.e. those consuming dashboards, reports, models).

Monthly (min 12 months)

Examples (full stack, single server)

£500 per developer, per month for (5 developers / 20 users – minimum requirement)

£250 per developer per month (100 developers / 1,000 users)

Different permutations are available, e.g. for high availability, inclusion of staging servers, and multiple instances. A confirmed quote is available on request.

One-off

An additional one-off set up fee is charged for the service:

£12,000 – covers installation and configuration, standard database drivers, authentication and SSL, basic developer induction

Training & support

Whether you opt for a licence-only model or the full, hosted Analytical Platform SaaS, Hartley McMaster offers three tiers of training and support.

	Basic	Pro	Enterprise
	£12k pa *£200 p/dev/month ≤ 5 developers** ≤ 20 users	£30k pa *£125 p/dev/month 5-20 developers 20-100 users	POA >20 developers >100 users
Software patching	✓	✓	✓
Software upgrades (new Posit versions)	SaaS only	✓	✓
Training			
Posit induction for new developers (initial + new hires)	✓	✓	✓
Developer training & development		✓	✓
User training		Materials only	✓
Bespoke developer training			✓
Support			
Third-line email support & ticketing	✓	✓	✓
Call-back support (one working day)		✓	✓
Dedicated account manager			✓
Content development support			Option

* When purchased with our Analytical Platform SaaS, training and support is charged on a per-developer per-month basis

** *Developers* are those licenced to create and publish content, *Users* are those licenced to view or use published content