

Experts in creating simple, secure, and trusted data platforms that will support researchers.

In conjunction with Microsoft, CoreAzure has established a Trusted Research Environment (TRE) capability that provides IT teams and researchers with a means to establish secure data platforms. It offers a secure platform to add right analytical and statistical tools that support researchers to do their work.

What is Trusted Research Environment?

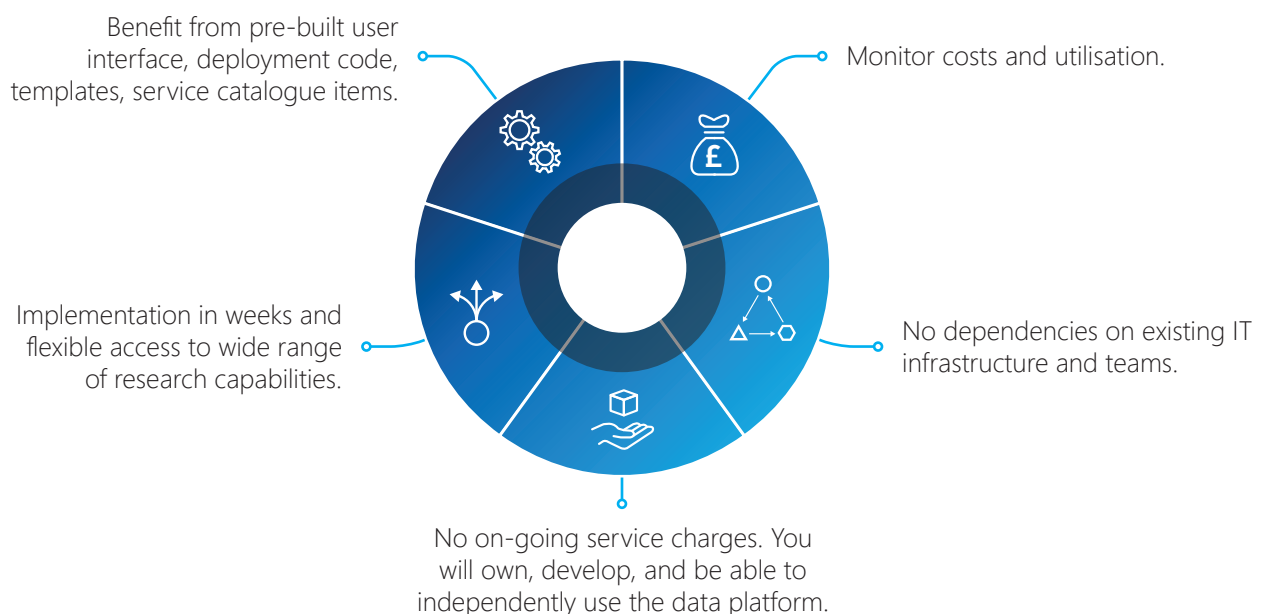
Trusted Research Environment is a simple, safe and secure data platform that will facilitate researchers to conduct their work effectively. It will provide their IT teams the right tools that are required to scale research projects within a trusted environment, where it is not only cost effective but also quick to implement. We have implemented this in University of Leicester.

Why is it needed?

- To quickly establish research capability for short to medium term research studies
- To secure environments that protect against unauthorised access
- To scale up and scale down projects quickly and painlessly
- Where universities require menu driven configuration of compute, storage and analysis capabilities

Our Solution

Our TRE solution is based on readily available Azure resources, packaged to meet research requirements without the complexity, cost or dependency of COTS (commercial -off-the-shelf) or SaaS solutions.

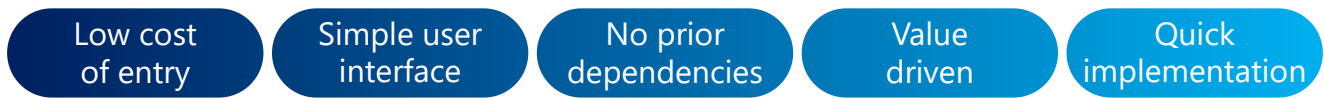


* The service catalogue is a collection of pre-built, configured, tested and approved modules which are self-contained, including everything required by the workload.

* Our TRE solution is build upon Template Specs, Deployment Scripts, Bicep and PowerShell.

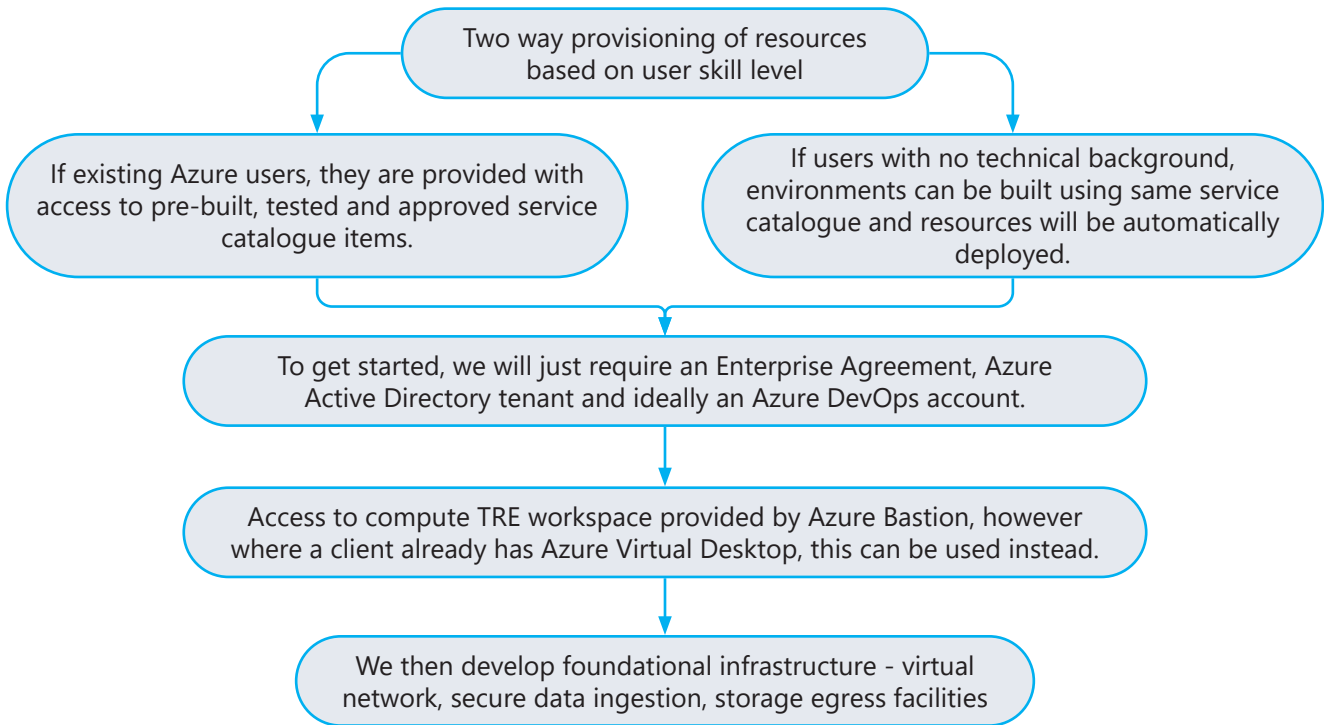
Approach

TRE has been developed in conjunction with Microsoft and they have endorsed our value driven approach.



Process

CoreAzure provides a starter set of pre-built infrastructure as code for typical research requirements. We can work with you in order to design, build and test catalogue items for any research requirement.



** Disclaimer: A client is expected to have a single TRE, however it is possible to have many. Each TRE is made up on workspaces which are deployed into dedicated Azure subscriptions and Virtual Networks (one per workspace), which enables each TRE workspace to be fully isolated from all other TRE workspaces and optionally sandboxed from all corporate infrastructure if required. The use of the Subscription has a unit of deployment also means that each TRE workspace receives its own bill from Microsoft and leverage the maximum possible scalability of each subscription. By default, each TRE workspace is a network sandbox and is not connected to the corporate network or domain, however where peering to an existing hub virtual network, or indeed a new hub is required, this is also fully automated by our solution.*

Accreditations



Gold Data Analytics
Gold Data Platform
Gold Application Development
Gold Cloud Platform
Gold Cloud Productivity
Gold Datacenter
Gold Security



Some of our clients

