

# #becrypt

## Private Cloud

Becrypt's private cloud infrastructure uses VMware's Cloud Foundation platform designed for hosting traditional enterprise and modern applications through a comprehensive software-defined stack, providing compute, storage, network, container and cloud management.

Becrypt Private Cloud offers reliable, efficient cloud infrastructure for rapid deployment of:

- UK Sovereign Collaboration Platform
- UK Sovereign Data Services for Hybrid Cloud
- Hosted Enterprise Applications
- Private Cloud AI and Data Analytics tooling

### Industry Leading



Enhanced operational efficiency and workload performance reduces storage costs and complexities across private and hybrid clouds.

### Automated Provisioning



Supports rapid provisioning of VMs and containers using standardised building blocks for secure, consistent deployments at scale.

### Cloud Scale Networking & Compute



Virtual cloud network and security virtualisation unlocks cloud-scale networking and performance through micro-segmentation.

To find out more about Becrypt please contact us on

0845 838 2080  
info@becrypt.com

## Powering Becrypt's UK Sovereign Hosted Services

Becrypt's private cloud infrastructure is trusted by government and critical national infrastructure organisations for hosting a range of compute services within the secure premises of a highly-resilient UK data centre.

Becrypt offer a cloud operating model that combines the scale and agility of public cloud with the security and performance of private cloud. Becrypt's cloud infrastructure uses VMware® Cloud Foundation (VCF) to provide a highly scalable platform for a range of customer workloads.

VCF is a scalable, hyperconverged platform leveraging software defined infrastructure to replicate the benefits of public cloud, allowing organisations to rapidly scale resources up or down, reducing operational costs while enabling a faster time to market for applications and services.

Customer privacy and data isolation is enabled through the commissioning of private workload domains, hosted on customer dedicated physical resources, and customer defined security policies. While overall system assurance leverages the re-use of existing government and defence assurance activities of the underlying VCF platform.

Private cloud tenants may be rapidly created, replicating existing architectural patterns, to create new cloud instances for the consumption of standard enterprise applications, or provide bespoke environments with access to cutting-edge tools, frameworks, and services (e.g., AI, big data analytics, and serverless computing).

The VCF platform and data centre combination ensures high resilience, built-in redundancy and disaster recovery capabilities, enhancing system uptime and reliability.



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