

I help organisations modernise complex cloud, EUC, security and information platforms, using senior engineering judgement, automation and AI-assisted delivery to move faster without losing control.

30 years of enterprise infrastructure experience across AWS, Azure, end-user computing, Microsoft platforms, identity and security. Now combined with AI-assisted methods that accelerate discovery, documentation, dependency mapping, classification, implementation planning and defect analysis, while keeping technical ownership, validation and decision-making human-led.

Useful where environments are messy, delivery is slow, risk is high, and someone senior needs to make sense of the platform, data and dependencies quickly.

WHAT I DO

01

CLOUD & EUC MODERNISATION

Enterprise AWS and Azure end-user computing: WorkSpaces, AVD, Intune, Citrix, Terraform, migrations, automation and controlled decommissions.

02

SECURITY, IDENTITY & COMPLIANCE

Microsoft 365 / Entra posture, identity hardening, MFA, Conditional Access, control mapping, security-risk reduction and AI-ready governance.

03

AI-ASSISTED PLATFORM DELIVERY

AI-assisted discovery, documentation, audit, classification, workflow automation, file, data and workflow analysis, engineer-directed and owned end to end.

FEATURED ENTERPRISE ENGAGEMENT

A major UK insurer · Jan 2020 to Jul 2026

AWS EUC modernisation: Windows 11 WorkSpaces built as code, legacy Citrix estate decommissioned

Led the modernisation of an AWS EUC estate by replacing a legacy Citrix-on-EC2 developer desktop platform with a Windows 11 AWS WorkSpaces environment built as code. The migration preserved critical services, modernised the platform architecture, and enabled the legacy estate to be decommissioned cleanly.

- Built the Terraform codebase for the new AWS EUC platform: five Windows 11 WorkSpaces environments, including secure dev, test, and prod estates connected to the secure data lake, on BYOL tenancy with SAML SSO federation.
- Delivered the supporting management-portal stack using ALB, API Gateway, RDS Multi-AZ, and EC2 as independent root modules with remote S3 state.
- Migrated the MECM primary site server cross-account by AMI / snapshot lift-and-shift, preserving server identity and site code so the ConfigMgr hierarchy resumed in place.
- Built EC2 Image Builder pipelines for high-spec Windows Server 2022 application hosts, using recipes to install specialist engineering software delivered to WorkSpaces over RDP.
- Decommissioned the legacy Citrix / EC2 estate cleanly, reclaiming orphaned resources while preserving load-bearing FSx / DFS dependencies and required cross-account connectivity.

AI-ASSISTED ANALYSIS

During the WorkSpaces modernisation and legacy-estate decommissioning phase, I used AI-assisted methods to accelerate estate discovery, dependency mapping, retained-service analysis, documentation and implementation planning. I kept all findings, decisions, validation and implementation under my own experienced engineering judgement, then translated them into controlled ServiceNow change activity.

100%

DEFINED IN
TERRAFORM

80+

HIGH-SPEC EC2
APPLICATION HOSTS

Zero

USER-FACING
DOWNTIME

Selected experience

Jan 2020 to Jul 2026

A major UK insurer

Lead AWS Engineer | EUC & Cloud Platform Engineering

- Designed, implemented, and supported the original AWS Citrix-on-EC2 developer desktop platform for 3,000+ engineers, including custom Windows 10 EC2 desktop images, PKI infrastructure, Citrix Cloud Connectors, MECM delivery, and ServiceNow / API-driven provisioning.
- Led the later modernisation into a new AWS landing-zone account, replacing the legacy platform with a Terraform-managed Windows 11 AWS WorkSpaces estate and achieving zero user-facing downtime.
- Owned AWS EUC engineering across WorkSpaces, EC2 application hosts, FSx / DFS, IAM, SAML federation, MECM, SSM, networking, golden images, compliance automation, and legacy-estate decommissioning.
- Built and maintained enterprise EUC capability across AWS, AVD, Intune, Entra ID, and MECM, supporting large-scale device management, virtual desktop access, application delivery, and operational governance.
- Administered the Intune / Entra ID estate with 11,000+ managed devices and 15,000+ Autopilot registrations, and reconciled the fleet across AWS, Active Directory, and MECM, purging stale objects by about 50%.
- Acted as senior SME for EUC engineering, AWS platform transition, MECM, Intune, AVD, and operational escalation, with governance input across CABs and design authorities.

Nov 2018 to Sep 2019

Great Ormond Street Hospital

Senior Consultant

- Delivered large-scale Active Directory remediation: removed about 16,000 stale users and about 10,000 computer accounts, restructured OUs, and enforced fine-grained password policies.
- Rationalised a heavily aged Group Policy estate, consolidating 450+ GPOs down to 50 using item-level targeting and replacing legacy logon scripts with cleaner policy-driven controls.
- Delivered infrastructure readiness for EPIC, including Imprivata SSO via Citrix, ADFS / PKI work, and Windows Server 2016 domain controller upgrades.
- Provided senior escalation for server, application delivery, and identity issues that had previously blocked progress across technical teams.

Apr 2016 to Jan 2018

Thintech Ltd

Senior Consultant

- Led full data-centre migrations for Mencap and Heythrop College across VMware, Hyper-V, Veeam, DPM, and Azure Recovery Services.
- Owned design and delivery activity across HLD / LLD, hardware implementation, hypervisor build, VM migration, backup strategy, and post-migration support.
- Delivered Active Directory, Microsoft Exchange, SQL, VMware, and Citrix health checks, plus Citrix XenDesktop and NetScaler design and deployment work.
- Redesigned hosted platform and onboarding processes for 404team, including business continuity and disaster recovery improvements.

Nov 2014 to Oct 2015

Solutions Architect · Selection Services

May 2012 to Nov 2014

Technical Architect Manager · NHS Kent & Medway

Oct 2011 to May 2012

Senior Technical Architect · Stansted Airport

Jun 2005 to Oct 2011

Senior Technical Architect · Adastra Software Ltd

Independent consultancy work has also covered acquisition clean-up, folder restructuring, file-storage rationalisation, migration planning and turning messy files, folders and operational data into governed, supportable structures.

Known for stepping into complex, high-stakes environments, finding the real dependencies quickly, restoring technical control, and turning messy platforms, files and data into governed, supportable systems.

Capabilities

01 CLOUD & EUC

AWS WorkSpaces · EC2 · FSx · IAM · Directory Service · Azure AVD · Intune · Entra ID

02 SECURITY & COMPLIANCE

Microsoft 365 / Entra posture · MFA · Conditional Access · ADFS / PKI · Row-Level Security · ISO 27001 · CE · NIST CSF · SOC 2

03 IAC & AUTOMATION

Terraform · Azure DevOps · PowerShell · MECM · ServiceNow change governance · governance reporting

04 AI-ASSISTED DELIVERY

Discovery · dependency mapping · classification · duplicate analysis · documentation · AI-readiness · evidence packs · remediation planning · human-led validation

05 PLATFORMS & DATA

Citrix Cloud · VMware · Hyper-V · Windows Server · Active Directory · SharePoint · OneDrive · Exchange / Outlook · SMB · migration mapping