

MaytechIT Services

Professional Summary

We provide specialised IT consulting and support services focusing on Microsoft-based infrastructure, security, and cloud environments. With deep expertise in on-premises and cloud systems, we deliver strategic planning, lifecycle management, and project implementation to ensure scalable, secure, and efficient IT operations.

Core Technologies & Project Scenarios

1. Active Directory (AD)

- AD health checks, remediation, and optimisation
- Domain controller promotion/demotion and role transfers (FSMO roles)
- Active Directory domain and forest upgrades/migrations
- Domain restructuring and consolidation (single domain to multi-domain or vice versa)
- Group Policy review, cleanup, and policy reorganisation
- Metadata cleanup and legacy domain decommissioning
- DNS and DHCP configuration and migration
- AD Sites and Services configuration for multi-site replication
- Disaster recovery planning and DR drills for AD

2. PKI and Certificate Lifecycle Management

- Design and implementation of enterprise **Active Directory Certificate Services (ADCS)**
- Deployment of **2-tier or 3-tier PKI hierarchies**
- Certificate Authority (CA) upgrades and migrations
- Certificate enrolment via auto-enrolment and certificate templates
- SSL/TLS certificate deployment and renewals
- Integration of PKI with Intune, NPS, VPN, Wi-Fi, and RADIUS authentication
- Certificate expiry monitoring and alerting systems
- Migrating from on-premise PKI to cloud-based certificate management (e.g. Azure Key Vault or 3rd-party SaaS)
- Smartcard and identity certificate issuance and management

3. Windows Server (On-Prem)

- Installation, configuration, and hardening of Windows Servers 2012–2025
- Server migrations (physical to virtual, or on-prem to cloud)
- In-place upgrades or side-by-side migrations of Domain Controllers, File Servers, Print Servers, etc.
- Hyper-V deployments
- DFS namespace and replication projects
- Windows Server backup and restore strategy implementation

4. Azure Active Directory (Entra ID)

- Setup and configuration of **Azure AD tenants**
- Implementation of Conditional Access Policies and Identity Protection
- Role-based access control (RBAC) and Privileged Identity Management (PIM)
- Multi-Factor Authentication (MFA) deployment (per-user and Conditional Access based)
- Enterprise application integration and SSO (SAML/OIDC/OAuth2)
- Azure AD custom domain setup and DNS validation
- Lifecycle management of users, groups, and dynamic group rules
- Self-Service Password Reset (SSPR) and MyApps portal configuration

5. Intune / Microsoft Endpoint Manager

- Intune onboarding and policy design
- Device compliance and configuration policies (Windows, iOS, Android)
- Co-management setup with Configuration Manager (SCCM)
- Windows update and patch management
- Migration from SCCM environment to cloud only (Intune)
- Migration of on-prem GPO to Intune policies
- Application deployment (Win32, Microsoft Store, LOB apps)
- Windows Autopilot setup and user-driven deployment scenarios
- Conditional Access integration with compliance policies
- BitLocker enforcement and reporting via Endpoint Security policies
- Local Admin Password Solution (LAPS) deployment
- Android Enterprise integration and management
- Integration with ABM (iOS ADE) and other MDM solutions
- BYOD and Corporate device management
- Cloud PKI

- Windows 365 and AVD deployment with Intune management

6. Azure Cloud

- Virtual network design, subnetting, and NSG implementation
- Azure VM provisioning, sizing, and cost optimization
- Migration of workloads to Azure (Azure Migrate / ASR-based migrations)
- Setup of Azure Storage accounts (Blob/File/Table) with access control
- Azure Backup and Azure Site Recovery (ASR) configuration
- Integration with Azure Key Vault for secrets and certificates
- Azure AD Join and Hybrid Join configuration

7. Microsoft 365

- Microsoft 365 tenant setup and configuration
- Exchange Online migrations (cutover, staged, hybrid)
- Microsoft Teams deployment, governance policies, and lifecycle management
- OneDrive for Business and SharePoint Online rollout, adoption and migration
- DLP (Data Loss Prevention), Sensitivity Labels, and Compliance Policies
- Security hardening (SPF, DKIM, DMARC, anti-phishing policies)
- Microsoft Defender for Office 365 policy implementation and management
- Microsoft Purview setup for information governance

8. Azure AD Connect (Hybrid Identity)

- Installation, upgrade, and configuration of Azure AD Connect
- Setup of Pass-Through Authentication (PTA) or Password Hash Sync (PHS)
- ADFS migration and decommissioning (if applicable)
- Troubleshooting sync errors and attribute flows
- Staging mode configuration and failover setup
- Filtering (OU, group, attribute-based) and sync rule customization
- Group writeback and device writeback configuration
- Managing hybrid user identities and UPN suffix routing

Engagement Value

- Comprehensive system lifecycle support: design, deploy, manage, and optimize
- Emphasis on secure, compliant, and scalable architecture
- Hands-on execution with clear documentation and stakeholder communication

- Proven ability to deliver projects on schedule and align with business objectives
- Enable clients to reduce operational cost

Client Benefit

By partnering with us, clients gain access to a reliable and experienced IT consultants who can:

- Strengthen their infrastructure security and availability
- Modernize legacy systems
- Optimize cost through cloud services
- Deliver future-proof solutions aligned with Microsoft best practices