Since 2006

Secured Smart Systems

Secure Smart IT Solutions

One Digital Foundation.
Every Business Possibility.

Microsoft Partner delivering Azure, Microsoft 365, Windows Server and secure infrastructure with Cisco, HPE, Fortinet, Kaspersky and Veeam.



Since 2006

Company at a glance

Focused Microsoft, infrastructure, security and recovery solutions for business-critical systems

20
years of group experience

Founded in 2006, 3S brings together security hardware, software development and IT infrastructure expertise. Secure Smart IT Solutions is a Microsoft Partner.

WHO WE SERVE

Small and medium businesses across public and private sectors

WHAT WE DELIVER

Microsoft Azure and on-premises environments, protected by Fortinet and Kaspersky and backed up with Veeam

WHERE WE OPERATE

Headquartered in Nasr City, Cairo, Egypt

Our role

We connect proven platforms into one operating environment, aligning network, compute, Microsoft software, identity, security and recovery with business needs.

The 3S Group advantage

Specialist capabilities connected through one technology vision

A customer can engage one group across the layers that shape a complete digital environment.

01

3S SECURITY

Security hardware and access control solutions

Protects physical environments and controls access.

02

3S SOFTWARE

Systems and custom software development

Builds the applications and workflows that run the business.

03

3S IT SOLUTIONS

Microsoft platforms, networking, security and recovery

Creates the reliable digital foundation beneath every system.

Connected value — **One group can align physical security, software and infrastructure around the same business architecture.**

Vision, mission and operating principles

A unified route to digital transformation

Our vision is to build a smart digital identity from the ground up through the combined capabilities of the 3S Group, reducing dependence on disconnected providers.

MISSION

Design secure, resilient environments using Microsoft Azure and on-premises platforms, vendor-specific networking, identity, protection and recovery.

Business context first

Architecture begins with how the organization operates.

Security by design

Protection forms part of every layer and decision.

Practical interoperability

Platforms work together without unnecessary complexity.

Long-term accountability

Support, governance and improvement continue after deployment.

Customers and operating environments

Solutions scaled for small and medium organizations with complex operational needs

Experience across different sectors helps us recognize how availability, security and governance requirements change from one organization to another.

PUBLIC SECTOR

Government entities and public-service environments

PRIVATE SECTOR

Commercial organizations across diverse industries

REAL ESTATE

Developers, communities and property operations

SPORTING & SOCIAL CLUBS

Member services, venues and distributed operations

EDUCATION

Schools and learning environments

HEALTHCARE

Operationally sensitive facilities and service providers

Coverage Public and private organizations | Cairo headquarters | Engagements shaped around each customer's size and maturity

Services and technology portfolio

Six focused services, supported by a defined Microsoft and vendor technology stack

INFRASTRUCTURE & NETWORKING	Cisco and HPE switches, Dell and HP servers, Fortinet firewalls, and TP-Link or HPE Aruba wireless
CLOUD & HYBRID	Microsoft Azure infrastructure, Microsoft 365, domain registration and public SSL certificates
CYBERSECURITY & IDENTITY	Active Directory and Entra ID with Kaspersky endpoint, cloud and Microsoft 365 protection
BACKUP & RECOVERY	Veeam protection for servers, virtual machines, Azure workloads and Microsoft 365
CONSULTING & GOVERNANCE	Assessments, roadmaps, policies and practical governance tied to business priorities
MIGRATION & MODERNIZATION	Controlled migration between on-premises infrastructure and Microsoft Azure
MICROSOFT SOFTWARE STACK	Windows Server, SQL Server, Hyper-V, System Center and IIS web hosting
NETWORK SECURITY & WI-FI	Fortinet network security with Cisco, HPE, TP-Link and HPE Aruba connectivity

Our six services connect a focused project to a practical technology roadmap and tested operations.

01

IT Infrastructure & Networking

Cisco and HPE switching, Dell and HP servers, Fortinet firewalls and business Wi-Fi



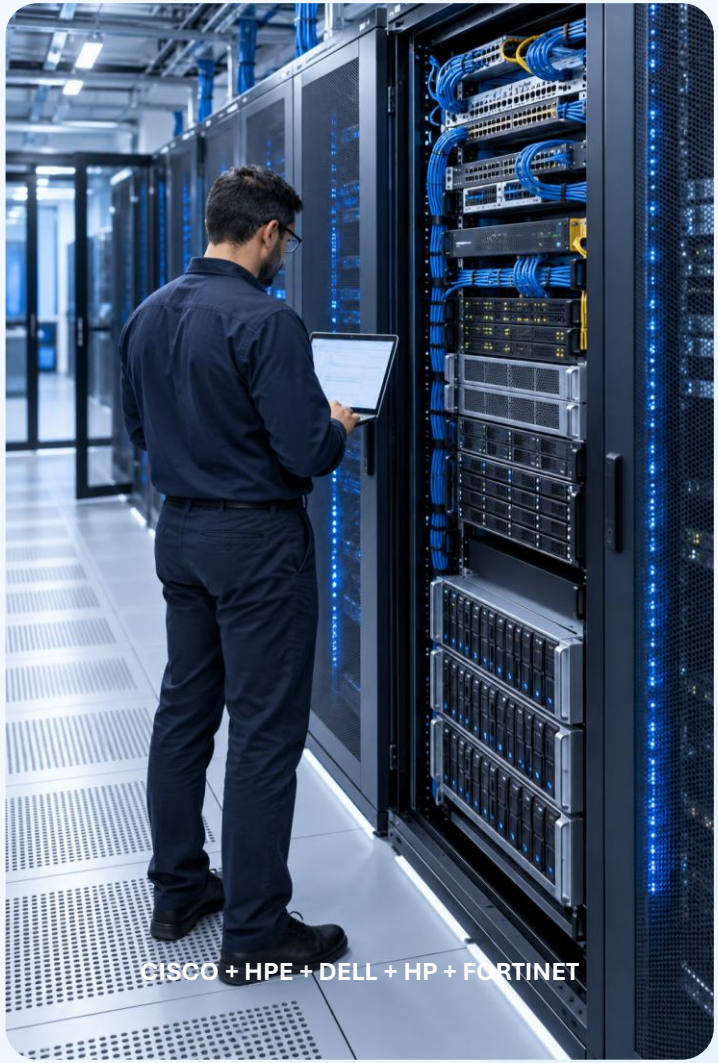
On-premises infrastructure architecture

Design and deployment across network, security, compute and Microsoft platforms

We translate workload, availability and security requirements into one coordinated architecture.

NETWORK	**Cisco and HPE switching, routing, segmentation and resilient connectivity**
SECURITY	Fortinet FortiGate firewalls, secure access and policy enforcement
COMPUTE	Dell and HP servers sized for workload, growth and availability needs
WIRELESS	TP-Link and HPE Aruba access points for managed business Wi-Fi
MICROSOFT PLATFORMS	Windows Server, Hyper-V, SQL Server, System Center and IIS

Specified vendors, integrated around business and lifecycle requirements



Virtualization, high availability and disaster recovery

Microsoft Hyper-V and Veeam recovery for business-critical workloads

Virtualization platforms

Microsoft Hyper-V | Windows Server | Veeam

Designed around workload and recovery requirements

EDITABLE AVAILABILITY ARCHITECTURE



HIGH AVAILABILITY

Service continuity within the primary site

DISASTER RECOVERY

Recovery capacity at an alternate site

DISTRIBUTED SERVICES

Load balancing and proxy mechanisms

Planned failover, documented recovery roles and capacity for change

Network, branch and remote access solutions

Cisco and HPE switching with Fortinet security across locations



Connectivity design

- Fortinet site-to-site VPN architecture for branch connectivity
- Fortinet remote access VPN for authorized users
- Cisco and HPE switching with segmented network policies
- FortiGate firewall, gateway and routing design across sites and Azure
- TP-Link and HPE Aruba access points for managed wireless coverage

DESIGN OBJECTIVE

Connect every location while preserving clear trust boundaries and operating control.



02

Cloud & Hybrid

Microsoft Azure architecture connected to identity, security and on-premises operations

Microsoft Azure infrastructure and cloud services

Azure design, deployment and connected Microsoft business services

Cloud foundation

- Azure virtual networks, segmentation and secure connectivity
- Azure compute workloads and cloud services
- Fortinet gateways, cloud firewalls and secure access
- Active Directory and Microsoft Entra ID integration
- Veeam backup, resilience and Azure operations

DIGITAL SERVICES

Microsoft 365 | Domain registration | Public SSL certificates

Planning, implementation and operational handover



03

Cybersecurity & Recovery

Fortinet and Kaspersky protection with Veeam backup and tested recovery



Identity, Kaspersky protection and Fortinet access

Active Directory and Entra ID paired with endpoint and network security



01 **IDENTITY ENVIRONMENTS**

On-premises Active Directory | Microsoft Entra ID | Hybrid identity

02 **KASPERSKY PROTECTION**

Kaspersky Next EDR Optimum | Hybrid Cloud Security | Security for Microsoft 365

03 **FORTINET SECURE ACCESS**

FortiGate firewalls | Remote access VPN | Network segmentation

Kaspersky Security for Internet Gateway adds protection at the web access layer.

Veeam backup and recovery

Protection for servers, virtual machines, Azure workloads and Microsoft 365

VEEAM RECOVERY MODEL

01

PROTECT

Veeam Data Platform

Backup policies, retention and protected copies

02

VISIBILITY

Veeam ONE

Backup health, capacity and performance insight

03

VERIFY

Recovery testing

Restore validation and documented ownership

04

RECOVER

Service restoration

Priority-based recovery from tested backups

Veeam across environments

Veeam Backup for Microsoft 365 and Veeam Backup for Microsoft Azure extend protection beyond on-premises servers and virtual machines.

BUSINESS OUTCOME

A tested path to restore the services the business depends on

IT consulting and governance

Independent assessments and practical roadmaps shaped by business priorities

IT AUDITS & REPORTS

Assess infrastructure, controls, operational health and areas that require attention.

POLICIES & PROCEDURES

Create practical IT policies, operating procedures and governance documentation.

TECHNOLOGY ROADMAP

Translate findings and business priorities into a realistic improvement plan.

COST EVALUATION

Review assets and operating costs, then identify practical reduction opportunities.



On-premises and Azure migration

Bidirectional migration planned around dependencies, testing and recovery

Migration services

- Move on-premises workloads and services to Microsoft Azure
- Bring Azure workloads back on premises when requirements change
- Modernize Windows Server, SQL Server and IIS during transition
- Plan coexistence, cutover, validation and rollback

MIGRATION PLANNING

A controlled transition for business-critical workloads

Dependencies, testing, cutover and recovery planning



A controlled move in either direction

Microsoft platforms working as one environment

Windows Server. SQL Server. Hyper-V.
System Center. IIS. Azure.

As a Microsoft Partner, we connect on-premises infrastructure, Azure services and identity around the way your organization operates.



Microsoft software for business operations

A defined platform stack for servers, data, virtualization and web applications

Your systems are the starting point

We align Microsoft software with real workloads and existing infrastructure.



Windows Server

Run core services, applications and on-premises infrastructure on a controlled server platform.

SQL Server

Plan, deploy and operate Microsoft SQL Server for the data services your applications depend on.

Hyper-V & System Center

Virtualize with Hyper-V and manage with SCCM, SCOM and SCVMM where the environment requires them.

IIS web hosting

Host and secure web applications with Microsoft IIS, aligned with network and identity controls.

Connected Microsoft infrastructure

Windows Server, SQL Server, Hyper-V and Azure fit within one operating model

Platforms connected around the workloads you run

We assess dependencies, identity and network paths before deciding where each service should run.

On-premises base

Windows Server and Hyper-V
SQL Server and IIS
Active Directory

Microsoft management

SCCM for configuration
SCOM for monitoring
SCVMM for virtualization

Connected outcome

Managed workloads
Hybrid identity
Azure-ready services

Technology choices follow application dependencies and the customer’s operating requirements.

Existing investment becomes a stronger digital foundation

On-premises and Azure deployment

Place workloads where they best meet security, performance and operating needs

One business goal, with a deployment suited to your environment

On-premises infrastructure

Windows Server, SQL Server, Hyper-V and IIS run on customer-controlled Dell or HP servers.

Fortinet, Cisco and HPE provide secure network foundations.

Microsoft Azure infrastructure

Azure hosts selected workloads and cloud services.

Entra ID, Microsoft 365 and secure connectivity link users to resources.

ON-PREMISES CONSIDERATIONS

Server capacity, lifecycle, local connectivity and ownership of operations

AZURE CONSIDERATIONS

Workload fit, identity, connectivity, data location and ongoing cost

3S plans the architecture, transition and protection across both environments

Azure migration in practice

Illustrative approach: moving an on-premises business workload to Microsoft Azure

A controlled sequence from assessment to stable operation

01 ASSESS

Inventory workloads, dependencies, identity and network requirements.

02 DESIGN

Define the Azure target, security controls and recovery plan.

03 MIGRATE

Move and test workloads with a documented cutover and rollback path.

04 STABILIZE

Validate service, performance, access and backup before handover.

Workloads to assess

Windows Server and IIS
SQL Server databases

Identity and connectivity
Azure or on-premises recovery

Engagement approach

From current-state assessment to implementation and measured improvement

01	**DISCOVER**	Business priorities, current environment, risks and constraints
02	**ARCHITECT**	Target design, technology choices, dependencies and implementation plan
03	**IMPLEMENT**	Deployment, configuration, migration, testing and documentation
04	**OPERATE & IMPROVE**	Support, monitoring, governance and planned optimization

The scope and level of documentation are adapted to the customer's environment and engagement model.

Vendor ecosystem and selected experience

The named platforms behind our infrastructure, cloud, security and recovery work

TECHNOLOGY ECOSYSTEM

Microsoft	Cisco	HPE	Dell	HP
Fortinet	TP-Link	HPE Aruba	Kaspersky	Veeam

Secure Smart IT Solutions is a Microsoft Partner. Other vendor names identify technologies used in solution delivery and do not imply a particular partnership tier.

SELECTED CLIENT EXPERIENCE

- Egyptian Football Association
- Confederation of African Football (CAF)
- Ministry of Manpower
- Egyptian Social Insurance
- Digital Egypt
- Talaat Moustafa Group (TMG)
- Arab African International Bank (AAIB)
- Egypt Traffic

Why 3S

Twenty years of group experience connects specified vendor technologies with software, security and customer priorities.

Secured Smart Systems

Microsoft HPE kaspersky hp CISCO veeam FORTINET

tp-link HPE aruba networking DELL

Egyptian Football Association

Confederation of African Football

Ministry of Manpower

Egyptian Social Insurance

Digital Egypt

Talaat Moustafa Group (TMG)

Arab African International Bank

Egypt Traffic

Selected clients

Organizations featured in the website client gallery | 1 of 2

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Palm Hills Club	Al Masry Club	Ismaily Sporting Club	UAFA	iScore
Ministry of Administrative Development	Homeland Security	Egyptian Armed Forces	Ministry of Communications and Information Technology	Ministry of Planning
Gezira Sporting Club	Suez Canal Authority	Etisalat	SUMED	Ministry of Interior

Selected clients

Organizations featured in the website client gallery | 2 of 2

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TNT	Channel One	Ministry of Finance	QNB	Central Bank of Egypt
National Bank of Egypt	Egyptian Railways	Public Prosecution	North Cairo Electricity Distribution	EgyptAir
Telecom Egypt	Administrative Control Authority	House of Representatives	Fawry	Ezz Steel



Since 2006

3S

Secured Smart Systems

Let’s build the right IT foundation

Secure Smart IT Solutions

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One Digital Foundation. Every Business Possibility.