Since 2006

Secured Smart Systems

Secure Smart IT Solutions

One Digital Foundation.
Every Business Possibility.

Infrastructure, cloud, security and custom AI agents designed around your business systems.



Since 2006

Company at a glance

A complete view of technology, from the infrastructure layer to the business application

20

years of group experience

Founded in 2006, 3S brings together security hardware, software development and IT infrastructure expertise under one group.

WHO WE SERVE

Small and medium businesses across public and private sectors

WHAT WE DELIVER

On-premises, cloud and hybrid environments supported by governance and security

WHERE WE OPERATE

Headquartered in Nasr City, Cairo, Egypt

Our role

We design technology as one operating environment, so infrastructure decisions support security, applications, data and future growth.

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

Infrastructure, cloud, security and IT services

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 technology environments that connect infrastructure, cloud, applications and operations around each customer's real needs.

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

Service portfolio

A connected set of capabilities spanning design, deployment and ongoing improvement

INFRASTRUCTURE	Data centers, networks, servers, storage, virtualization and high availability
CLOUD & HYBRID	Azure, AWS and Google Cloud architecture, workloads, gateways and migration
IDENTITY & SECURITY	Active Directory, Entra ID, endpoint protection, firewalls and secure access
OPERATIONS	Monitoring, support contracts, policies, procedures, audits and governance
CONTINUITY	Backup design, disaster recovery, clustering and resilient distributed workloads
DIGITAL SERVICES	Email, public domains, SSL certificates, consultation and implementation
MIGRATION	Movement between vendors, platforms, environments and operating models
CUSTOM AI AGENTS	Agents for your existing systems and workflows, hosted locally or in the cloud

The portfolio can support a focused project or a broader transformation program across multiple group capabilities.



01

IT Infrastructure

Reliable foundations for data, applications and daily operations

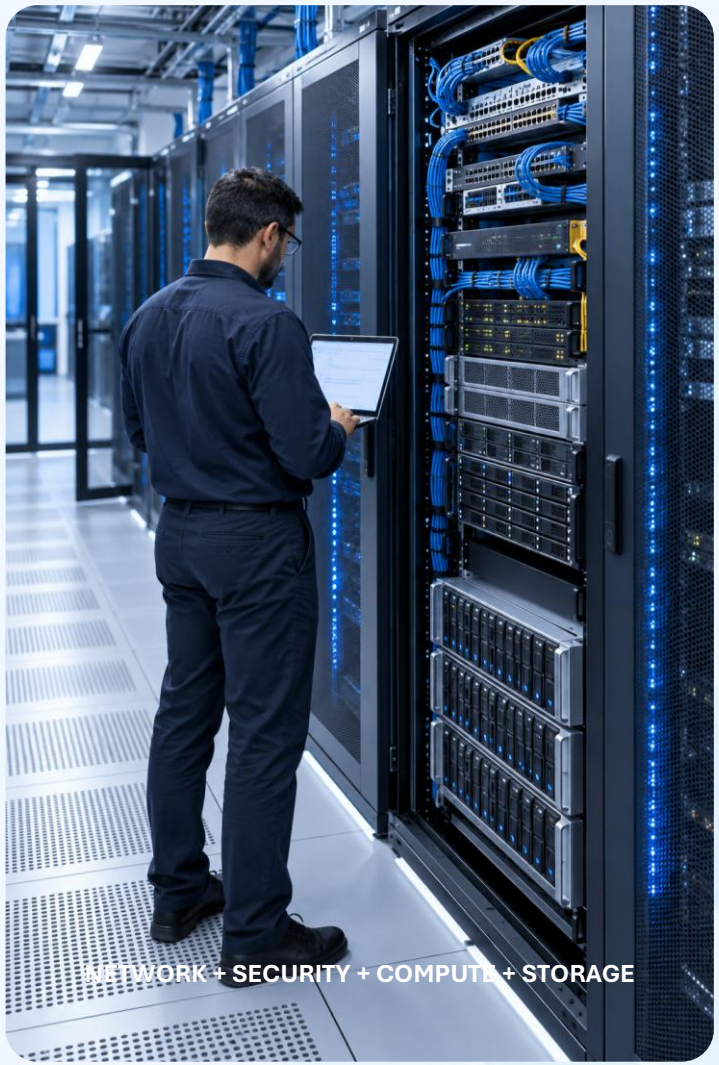
On-premises data center architecture

End-to-end design and deployment across the core infrastructure stack

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

NETWORK	**Core and access switching, segmentation, routing and resilient connectivity**
SECURITY	Perimeter and internal firewalls, secure access and policy enforcement
COMPUTE	Physical servers sized for workloads, growth and availability requirements
STORAGE	Shared storage architecture aligned with performance and continuity needs
OPERATING SYSTEMS	Windows and Linux platforms for enterprise data center workloads

Vendor-flexible design aligned with business needs and lifecycle cost



Virtualization, high availability and disaster recovery

Platforms designed to keep critical services available during maintenance, faults and site disruption

Virtualization platforms — **Hyper-V | VMware | Nutanix** — Selected around workload and operating 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

Secure connectivity across sites, users and critical services



Connectivity design

- Site-to-site VPN architecture for branch connectivity
- Remote access VPN for authorized users and support teams
- Network segmentation aligned with systems and security policies
- Gateway, firewall and routing design across on-premises and cloud environments
- Load balancing and proxy services for distributed applications

DESIGN OBJECTIVE

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



02

Cloud & Hybrid

Cloud architecture connected to the workloads, controls and operating model around it

Cloud infrastructure and digital services

Design and deployment across Microsoft Azure, AWS and Google Cloud

Cloud foundation

- Virtual networks, segmentation and secure connectivity
- Compute workloads and platform services
- Cloud firewalls, gateways and load balancers
- Identity integration across on-premises and cloud environments
- Backup, resilience and operational monitoring

DIGITAL SERVICES

Business email | Public domains | SSL certificates

Consultation and implementation



03

Security & Continuity

Protection, visibility and recovery built into the operating environment



Identity, endpoint security and secure access

Controls that connect users, devices and workloads to the right resources



01 **IDENTITY ENVIRONMENTS**

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

02 **ENDPOINT PROTECTION**

Endpoint security platforms | Policy-aligned device protection | Secure operating environment

03 **ACCESS & CONNECTIONS**

Remote access VPN | Branch connectivity | Authentication and access policies

Identity design reflects how users work, where resources live and how access changes over time.

Backup, monitoring and operational resilience

Visibility and recovery controls for critical infrastructure and workloads

EDITABLE OPERATING MODEL

01

PROTECT

Backup architecture

Policies, retention and secure copies

02

OBSERVE

Real-time monitoring

Assets, service health and performance

03

RESPOND

Operational action

Alerts, ownership and documented decisions

04

RECOVER

Service restoration

Priority-based recovery and validation

Operational resilience

Backup and monitoring work together as one control loop. Visibility identifies a change, ownership drives the response, and tested recovery restores the required service.

BUSINESS OUTCOME

Less uncertainty when service quality changes or recovery becomes necessary

IT governance, audit and support services

Operational discipline for environments that must remain controlled and cost-effective

IT AUDITS & REPORTS

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

POLICIES & PROCEDURES

Create practical IT policies, operating procedures and governance documentation.

CONSULTATION & SUPPORT

Provide advisory services and support contracts shaped around the required coverage.

COST EVALUATION

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



Platform migration and modernization

Modernization that respects existing systems, data and operating constraints

Migration services

- Move workloads between vendors or technology platforms
- Migrate between on-premises, cloud and hybrid environments
- Plan coexistence, cutover, testing and rollback requirements
- Reduce disruption through dependency-aware transition planning

MIGRATION PLANNING

A controlled transition for business-critical workloads

Dependencies, testing, cutover and recovery planning



Dependency-aware transition planning

AI agents built around your business

Your workflows. Your existing systems. Your choice of local or cloud hosting.

We design custom AI agents that enhance daily work and automate defined processes within the customer’s own environment.



Custom agents designed for real work

Each agent takes shape around the customer’s objectives, systems and operating environment

Your process is the starting point

3S combines software understanding with infrastructure expertise.



Business purpose

Define the task, users and expected result, whether assisting a team or automating a repeatable process.

System context

Map the applications, knowledge sources and integration paths already available in the client environment.

Agent behavior

Configure the agent’s instructions, tools and permitted actions around the agreed workflow.

Operational fit

Choose hosting and validate the agent against representative tasks before broader use.

AI connected to your existing systems

Integration can extend both 3S solutions and applications from other providers

An agent works with the environment you already use

We assess available interfaces, access permissions and data readiness to design the appropriate connection for each system.



Integration scope follows each platform’s supported interfaces and the customer’s agreed access model.

Existing investment becomes the foundation for smarter workflows

Local or cloud deployment

AI agents hosted to match the customer's infrastructure, data requirements and operating model

The same business goal, with a deployment designed for your environment

Locally hosted AI agent

Agent runtime and selected AI model operate on customer-controlled infrastructure.

Connect to internal systems and knowledge within the agreed local architecture.

Cloud-based AI agent

Agent runtime operates in a selected cloud environment with the chosen AI services.

Connect to business systems through the agreed network and application interfaces.

LOCAL DESIGN CONSIDERATIONS

Compute capacity, model suitability, internal connectivity and maintenance responsibilities

CLOUD DESIGN CONSIDERATIONS

Service selection, connectivity, data location and ongoing usage cost

3S aligns agent design, system integration and hosting within one solution

Workflow automation in practice

Illustrative demonstration: a service request handled through an existing business system

A request becomes a coordinated sequence of work

01 / RECEIVE

A customer or employee submits a service request.

02 / UNDERSTAND

The agent identifies the need and retrieves relevant system records.

03 / PREPARE

It drafts a response or prepares the required business action.

04 / COMPLETE

It updates the existing system within agreed permissions, with review where required.

Applications to explore

Internal knowledge assistance
Document intake and routing
Service request coordination
Business reporting and follow-up

Engagement approach

A structured path from current-state understanding to supported operation

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.

Technology ecosystem and selected experience

Platforms and organizations across the environments we support

TECHNOLOGY ECOSYSTEM

Microsoft	AWS	Kaspersky	HP	Cisco
Veeam	Fortinet	Sophos	Broadcom	Dell

References to vendors describe platforms and technologies used in solution delivery and do not, by themselves, imply a specific certification or 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 cross-disciplinary experience connects infrastructure decisions with security, software and the complete business system.

Secured Smart Systems

Microsoft aws kaspersky hp CISCO veeam FORTINET

SOPHOS BROADCOM DELL

Google Cloud

vmware by Broadcom NUTANIX

Egyptian Football Association

Confederation of African Football

Ministry of Manpower

Egyptian Social Insurance

مصر الرقمية

Digital Egypt

Talaat Moustafa Group (TMG)

Arab African International Bank

Egypt Traffic



Since 2006

Secured Smart Systems

Let’s build the right digital foundation

Secure Smart IT Solutions

HEADQUARTERS	Building 8, Ahmed Fakhry Street Nasr City, Cairo, Egypt
PHONE	[Add telephone number]
EMAIL	[Add email address]
WEBSITE	[Add website address]
SOCIAL MEDIA	[Add social media links]

One Digital Foundation. Every Business Possibility.