SCALITYDAY26

core42

Scality the sovereign data layer for Core42



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What the field teaches us about the digital domain

> *No military organization can accept,in operation, a critical dependency neither politically, nor technically, nor contractually.*

Decide fast, under pressure

Ability to see, target, decide and reconfigure faster.

Digital as a vector of power

Digital vulnerabilities are strategic vulnerabilities

Redundancy & dispersion

Decentralize to keep freedom of action.

Sovereignty is a national security imperative

National security activities and critical infrastructure cannot depend on foreign jurisdiction, technology or operations

Data sovereignty

VISIBILITY
Know where every national dataset lives

CONTROL
Encryption keys held securely in-country

AUDITABILITY
Every access logged and reviewable

JURISDICTION
UAE law only, with no foreign reach

Technology sovereignty

SOVEREIGN NATIVE TECHNOLOGIES
Natively build services for critical functions

NO KILL SWITCH ON 3RD PARTY PRODUCTS
No remote cut-off or forced update

FULL CONTROL & PORTABILITY
Ownership of all features and roadmap, with prioritization of open architectures

Operational sovereignty

ONSHORE OPERATIONS
Hosted and operated in-country

IN-HOUSE RESOURCE
Operated by cleared national teams

FULL INDEPENDENCE
No foreign control of any critical operations

Resilience

- Operates through crisis and conflict
- Distributed, multi-site recovery
- Immutable copies of critical data
- Immune to sanctions and cut-offs

2 · WHAT SOVEREIGN CLIENTS EXPECT

Guarantee of continuity and control.



Real sovereignty, not a slogan



Continuity through crisis



Infrastructure decoupled from hardware and distributed



Durability & immutability & Security

Protect and augment the national security mission.

Protect sensitive information

Secret and top-secret data kept on isolated, in-country platforms, with keys held by the state.

NO FOREIGN ACCESS

Shield critical entities

Ministries, agencies and critical infrastructure operators shielded from foreign access and dependency.

ZERO EXPOSURE

National-scale cybersecurity

Nationally operated SOC, threat intelligence and response, with no telemetry leaving the country.

NATIONAL CYBER SHIELD

AI-augmented activities

AI enables critical national security activities to switch from capacity-based to continuous operations.

MANUAL TO AT-SCALE

Sovereign AI intelligence

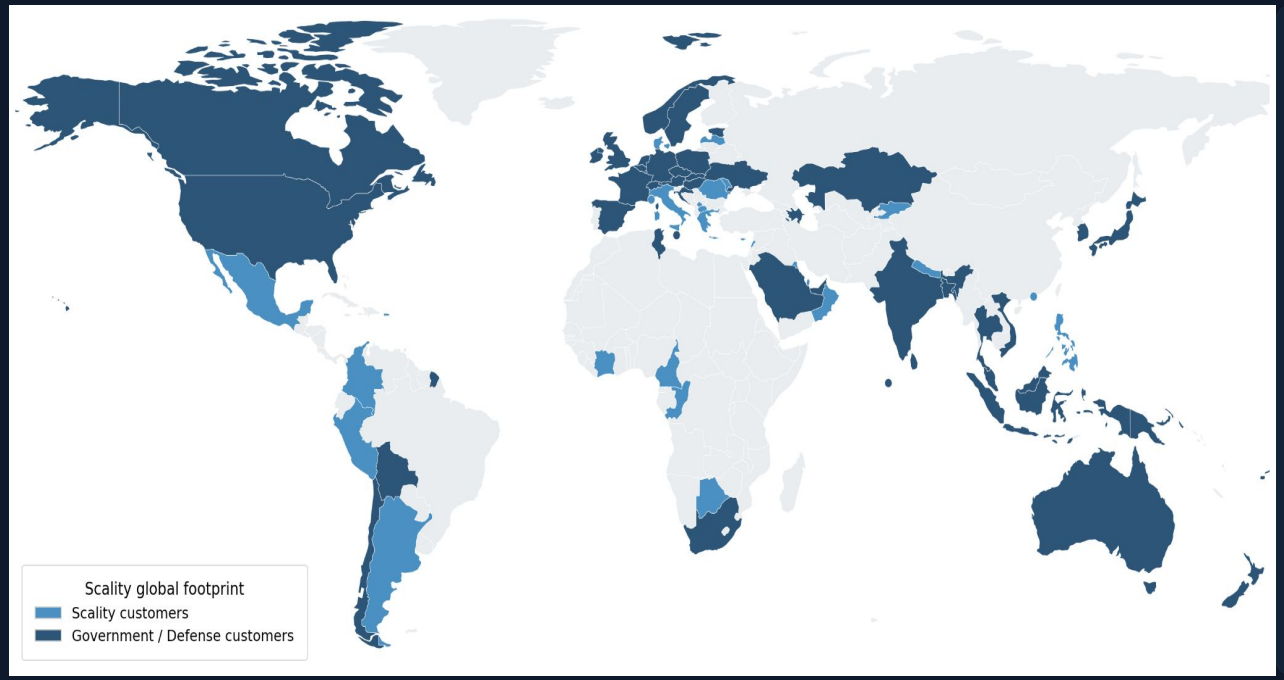
Models, weights and inference stay onshore, fusing signals into faster, sovereign decisions.

DECISION ADVANTAGE

Sovereign AI turns finite analyst capacity into continuous, nationwide coverage, without data ever leaving the country.

SCALITY GOV CUSTOMERS

States & institutions across +40 countries trust us with their sensitive data



TRUSTED SECTORS

- MILITARY
- INTELLIGENCE AGENCIES
- LAW ENFORCEMENT
- INTERNATIONAL ORGANISATIONS
- HEALTH MINISTERS
- FINANCE MINISTERS
- CENTRAL BANKS

CORE42 IN THE UAE

Sovereign infrastructure for the UAE's critical sectors

DEFENSE

Air-gapped cloud and sovereign AI for classified defense workloads

SECRET / TOP SECRET

GOVERNMENT

Sovereign cloud for ministries and digital government services

UAE JURISDICTION

BFSI

Banking, payments and fraud AI kept in-jurisdiction and fully audited

AUDITABLE AND RESILIENT

HEALTHCARE

Patient and clinical data held onshore, on always-on platforms

PROTECTED PATIENT DATA

ENERGY

Secure, sovereign data and AI for national energy assets

CRITICAL NATIONAL INFRA

UTILITIES

Resilient platforms keeping water, power and grid services running

ESSENTIAL SERVICES ON

CORE42's SOVEREIGN FOUNDATION

SIGNATURE PRIVATE CLOUD
Air-gapped to connected, for Secret and Top Secret data

SOVEREIGN PUBLIC CLOUD
Sovereign controls, residency and confidential computing

NATIONAL DR CLOUD (NDRC)
Sovereign backup, replication and recovery

SOVEREIGN AI COMPUTE
Models, weights and inference kept onshore

IN-COUNTRY DATA CENTRES
Tier III, 3 AZs, under MoD critical infrastructure protection

Sovereign Data foundation for Defense and National security

From sovereign AI compute to cyber-resilient data, Core42 and Scality provide the infrastructure to run, protect and scale mission-critical workloads while keeping sensitive data, operations and technology within the national security boundary.

core42 A G42 Company

Sovereign cloud & AI infrastructure

Compute CPU/GPU · Cloud & networking · Cleared, in-country operations

+

SCALITY

Sovereign data infrastructure from GPU compute to data

S3 object storage · Immutable backup & recovery · Multi-site, exabyte scale

TOGETHER Joint architecture · Co-development · Integrated operations

MISSIONS WE SERVE TOGETHER



Intelligence & surveillance



ISR



Command & control



Cyber defense



Defense AI & simulation



Logistics & archives



Core42 runs the mission. Scality secures its data. Nothing leaves the country.

SCALITY

SOVEREIGNTY PROVIDER

Customer controlled
On Premise

Hardware agnostic



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Designed in Europe

DISTRIBUTED ARCHITECTURES

SOVEREIGNTY AND THE CORE42 STACK

Core42 provides sovereignty across layers

SOVEREIGN INTELLIGENCE LAYER

Core42 Compass
50+ AI models · Sovereign integration · No vendor lock-in

SOVEREIGN CLOUD LAYER

Sovereign Public Cloud
UAE residency · Customer keys · Confidential computing

Signature Private Cloud
Air-gapped · Secret & Top Secret · Fully owned UAE DCs

Sovereign AI Cloud
NVIDIA · AMD · Cerebras · Qualcomm

IN-COUNTRY

Managed & professional services

- Assessment
- Architecture
- Migration
- 24/7 operations

IN-COUNTRY TIER III DATA CENTRES · MULTI AVAILABILITY ZONES

THANK YOU

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