EmaLite



COMPANY PROFILE

Infrastructure engineered to stay up.

EmaLite designs, builds and supports the networks, data centres and cloud platforms Saudi organisations run on — from the fabric in the data centre to the cabling underneath it.

A Riyadh engineering company

We are an enterprise technology company. Our work is the infrastructure layer: the network that carries the traffic, the data centre that runs the workloads, the security architecture around both, and the physical plant underneath all of it.

Most of what we do is not visible to the people who depend on it. A branch opens on schedule. A payment clears. A lecture theatre of four hundred students all get on the wireless at once. When that work is done properly nobody thinks about it, which is the point.

We work across the full lifecycle — design, build, migrate, secure, support — but we are equally willing to do one part of it. Some clients bring us a blank data centre floor. Others bring us an architecture their own team will implement and want a second set of eyes on the low-level design first. Both are real engagements.

What we are not

We are not a box reseller with an engineering department attached. Vendor selection follows the requirement, and we will tell you when the requirement does not need the thing you were about to buy. We also do not staff projects with people who learned the technology on the project — the engineer in the design review is the engineer on the change window.

At a glance

WHAT WE ARE

An enterprise infrastructure company

Network, data centre, cloud, security and the physical plant underneath all of it

WHERE WE WORK

Riyadh, Kingdom of Saudi Arabia

On site and remote, in Arabic and English, with documentation produced in either

SERVICE LINES

Nine

From the cable tray to identity governance, delivered by one party rather than coordinated between several

HOW WE ENGAGE

Project · Services · Managed · Supply

Fixed scope, embedded engineers, an ongoing agreement, or hardware and licensing supply

HOW TO READ THIS DOCUMENT

Sections 01 to 03 cover what we do and how we work. Section 04 covers the engagement model and what is handed over. If you only read one page, read **What you are left holding**.

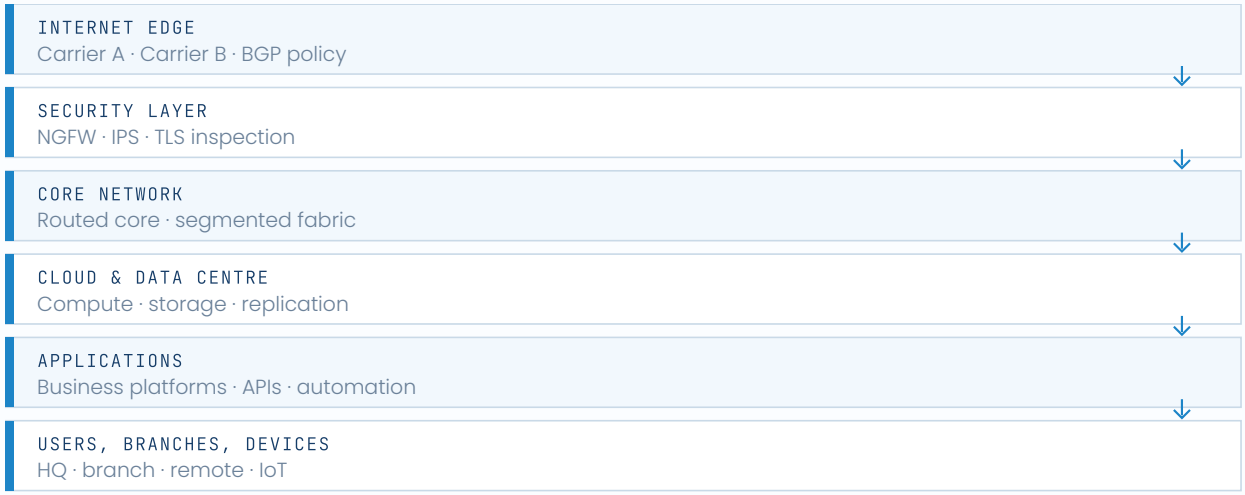
01

What we build

Nine disciplines that make up one estate. Most engagements draw on three or four of them.

The estate, layer by layer

This is the shape of the thing we work on. Traffic arrives at the edge, is inspected before it reaches anything valuable, crosses a segmented core, and is served from compute you can fail over.



REFERENCE ARCHITECTURE — THE LAYERS PRESENT IN MOST OF OUR ENGAGEMENTS

No two estates are identical, but the layers are. What changes between a bank and a university is which layer dominates the design: deterministic latency and hard segmentation in one, density and identity in the other.

Nine service lines

Network Infrastructure

Campus, branch and wide-area networks. Routed and switched fabrics, SD-WAN, enterprise wireless, and the monitoring to see what they are doing.

Cybersecurity

Segmentation, inspection and identity-aware access, designed around where the data actually sits. Firewall policy you can explain to an auditor.

Cloud & Data Centre

Data centre fabrics, hybrid estates, migrations and recovery. One addressing plan and one identity model across on-premises and cloud.

Managed Services

Monitoring, patching, backup operations and a service desk, with response targets written into the agreement rather than implied.

Software & Automation

The integration layer: APIs, configuration as code, provisioning workflows and the internal tools that remove manual steps.

Advisory & Design

High- and low-level design, as-built documentation, gap analysis and vendor-neutral technology selection.

Identity & Data Security

Identity governance and privileged access, and the classification that has to come before any sensible data policy.

Backup & Cyber Recovery

Copies an attacker with administrative rights cannot delete, and a restore time measured in a test rather than estimated.

Business Applications & Workplace

Service desk and ITSM, modern workplace, business applications, and the voice and meeting room estate above all of it.

Physical infrastructure

We also install and certify the passive layer — containment, structured cabling, patch fields, racks and power — which matters more than it sounds. When one party is accountable from the patch panel to the policy, nobody spends a week proving whose problem it is.

What we build on

We are vendor-literate rather than vendor-led. These are the platforms our engineers design, deploy and operate, grouped by the job each one does.

Identity & Access Who exists, what they may reach, and the standing privileges that make a breach expensive rather than contained.

SailPoint · One Identity · Delinea · Quest · Thales

Data Security & Governance Knowing what the data is before deciding how it may move. Classification first, then the controls that act on it.

Forcepoint · boldonjames by HelpSystems · GetVisibility · proofpoint. · Symantec · exclaimer

Threat Detection & Response Seeing an incident while it is still an incident. Telemetry, detection and the response that follows from it.

splunk> · SentinelOne · VECTRA · tenable · OPSWAT. · kaspersky

Network & Application Security Inspection and policy at the boundaries that carry production traffic, and in front of the applications behind them.

paloalto NETWORKS · FORTINET · f5

What we build on, continued

Backup & Cyber Recovery Copies that survive the event that destroyed the originals, and a restore somebody has actually performed.









Cloud & Platform The capacity the rest of it runs on, public and private, treated as one estate rather than two.

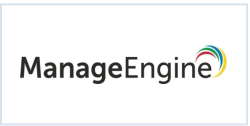








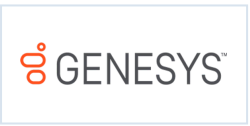
Business Applications & IT Operations The platforms a service desk runs on, and the business applications that sit above the infrastructure.







Communication & Collaboration Voice, contact centre and the room and desk hardware people actually touch.















A NOTE ON VENDOR LANGUAGE

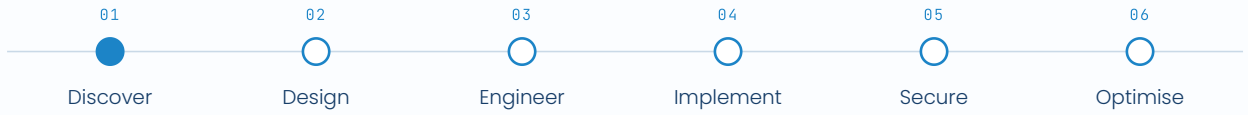
This is a statement of where our engineers work, not a claim of partnership tier or exclusive authorisation. Selection follows the requirement rather than a reseller agreement. Where a specific certification or partner level matters to your procurement process, ask and we will send the current evidence.

02

How we work

An engagement is a sequence, and every stage produces something you keep.

Six stages, in order



THE ENGAGEMENT MODEL

STAGE	WHAT COMES OUT OF IT
Discover	Infrastructure audit, traffic and capacity baseline, risk register — the estate measured rather than described
Design	High-level design, technology selection, bill of materials, reviewed against the requirement before anything is bought
Engineer	Low-level design, configuration standards, and a build validated in a staging path
Implement	Cut-over plan with defined windows, acceptance tests, and a rollback for every step
Secure	Policy baseline applied, controls verified, architecture documented to the standard you report against
Optimise	Monitoring and alerting in place, capacity reviewed on a cycle, improvements fed back into the design

What you are left holding

The difference between a project that ends and a project that leaves something behind is documentation. This is what a completed engagement hands over.

- **High-level and low-level design** — architecture, topology, addressing, interface detail and configuration standards, under version control
- **As-built records** that match the running estate, not the estate as it was drawn six months earlier
- **Acceptance test results** against the design, so "it works" has evidence attached to it
- **Runbooks** for the procedures your team will actually perform — failover, restore, onboarding a site
- **A named escalation path**, with the engineers who built it on the other end of it

> WHY THIS MATTERS COMMERCIALLY
>
> An estate only one supplier understands is an estate with one possible supplier. Everything we produce is written so another competent engineer could pick it up. We would rather be kept than be difficult to replace.

03

Selected work

Real projects. Client names are withheld here; named references are available on request.

Four engagements

University data centre

A campus data centre rebuilt as a Cisco ACI policy fabric — VXLAN overlay, BGP EVPN control plane, and application policy moved out of per-device configuration into APIC.

National development programme

A Cisco ACI fabric designed, staged and commissioned against a calendar that could not move, documented at low-level detail before a device was racked.

Manufacturing security

Cisco security platforms designed and deployed around where the data and the production processes actually sit, with segmentation between corporate and plant.

Bank campus network

Huawei SD-Access for identity-based access and policy-driven segmentation, over structured cabling we installed and certified in the same engagement.

Named references, including the organisations behind these four, are available on request and under the usual confidentiality arrangements.

04

Working with us

What the first conversation looks like, and what happens after it.

Engagement models

Project delivery

Fixed scope, fixed outcome. Design, build, migrate or commission, with acceptance criteria agreed before work starts.

Professional services

Our engineers working alongside your team — design review, implementation support, a specific technical problem with a deadline on it.

Managed services

Ongoing monitoring, patching, backup operations and support, under an agreement with defined response and resolution targets.

Supply & delivery

Hardware and licensing sourced, staged, configured and delivered, with the configuration standard applied before it ships.

What the first conversation is

Tell us what you are trying to solve. You will get an engineer in the conversation rather than a form response — what we would build, roughly what it would take, and where we think you do not need us. If there is no engagement in it for us, we will say so and you will have lost an hour.

EmaLite

Tell us what you are trying to solve.

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Ask for the capability statement, a specific service brochure, or a named reference list — we will send whichever is useful.

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This document is provided for information. Technical detail is indicative and is confirmed at design stage.