EmaLite



SERVICE BROCHURE

Advisory & Design

High- and low-level design, as-built documentation and technology selection — the engineering record most estates are missing.

What we are usually called in for

A design that exists only in someone's head is a risk on the balance sheet, and it is remarkable how many estates are in that position. The person who built it has moved on, the documentation describes an earlier version, and every change is now an investigation before it is a change.

It also narrows your options commercially. An estate only one supplier understands is an estate with one possible supplier, and both sides eventually feel it.

Our approach

We produce design documentation to a standard another competent engineer could implement from: architecture and topology at high level, interface and configuration detail at low level, and a version history so past decisions stay traceable.

Where the work is selection rather than design, we are vendor-neutral by default. The requirement chooses the technology; we make the trade-offs explicit enough that the decision survives the next review.

What the work involves

High-level design

Architecture, topology and technology selection tied to stated business and compliance requirements, with the reasoning attached.

Low-level design

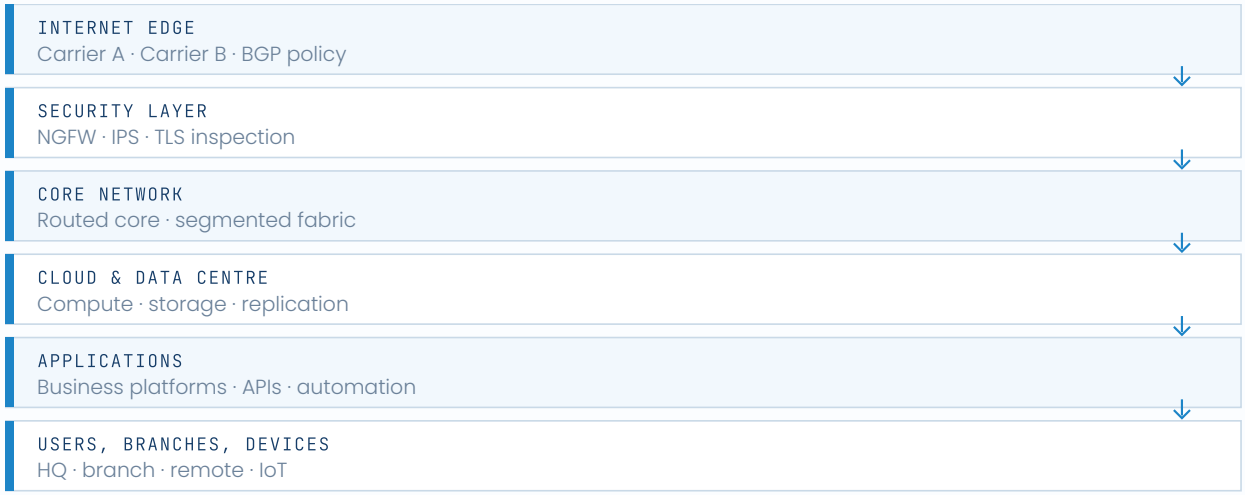
Interface-level detail, addressing, configuration standards and implementation procedures — enough for someone else to build from.

Change & version control

Every design revision tracked, so as-built records stay true and past decisions stay explicable a year later.

Assessment & strategy

Infrastructure review, gap analysis, roadmap definition and vendor-neutral technology selection, sequenced by dependency and risk.



DESIGN COVERS EVERY LAYER — AND SAYS WHY EACH COMPONENT IS THERE

How it is sequenced

STAGE	WHAT HAPPENS
Review	Current estate, documentation and the decisions behind it, examined rather than accepted
Gap analysis	What is missing, what is at risk, and what is fine but undocumented
High-level design	Architecture and technology selection tied to the stated requirement
Low-level design	Interface detail, addressing and configuration standards — buildable by someone else
Maintain	Revisions tracked, so the as-built record and the running estate stay the same thing

What is delivered

Every engagement ends with something you keep. For this service, that is:

- As-built documentation that matches the running estate
- Vendor decisions defensible on technical grounds rather than commercial ones
- A roadmap sequenced by dependency and risk, not by budget cycle alone
- Design held under version control, with a history you can read
- A second opinion on your own team's design, where that is what is needed

Technologies

HLD / LLD | AS-BUILT | VERSION CONTROL | GAP ANALYSIS | ROADMAPPING | STANDARDS

WE WILL REVIEW SOMEONE ELSE'S DESIGN

A design review before implementation costs a fraction of a remediation afterwards, and we are content to be the second pair of eyes on work we did not do.

EmaLite

Start with the estate you actually have.

REGISTERED NAME

EmaLite LLC

إيمالايت شركة ذات مسئولية محدودة

EMAIL

hello@emalite.com

TELEPHONE

+966 92 003 5691

OFFICE

Building 7228, Al Hamra District, Riyadh 13217, Kingdom of Saudi Arabia

WEB

emalite.com

Send us the current topology, or the problem you cannot get past, and we will tell you what we would do about it.

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