EmaLite



SERVICE BROCHURE

Software & Automation

The integration layer: APIs, configuration as code, provisioning workflows and internal tools that remove manual steps rather than documenting them.

What we are usually called in for

Every infrastructure team carries a list of tasks done by hand because the systems do not talk to each other. Someone copies a value from one console into another. Someone checks four dashboards to answer one question. Someone provisions a site by following a nine-page document that is mostly correct.

These tasks are rarely difficult. They are just repeated, and every repetition is a chance to do it slightly differently from last time — which is how configuration drift starts.

Our approach

We build the layer that removes them. Integration between the systems that should have been talking, configuration expressed as code so it can be reviewed and repeated, and internal tools for the workflows your teams run daily.

Consistency is a security control as much as an efficiency one. A fleet configured from a template has one configuration to audit; a fleet configured by hand has as many as it has devices.

What the work involves

Systems integration

API and event-driven integration between network, security, identity and business platforms, so data stops being retyped between them.

Infrastructure automation

Configuration as code, templated provisioning and automated compliance checks across the estate, with drift detected rather than discovered.

Internal applications & portals

Purpose-built tools for request, approval and reporting workflows — the ones currently living in a spreadsheet and an email thread.

Observability engineering

Unified dashboards and alerting built on the telemetry your systems already emit and nobody is currently reading.



How it is sequenced

STAGE	WHAT HAPPENS
Observe	The three tasks your team repeats most often, timed and documented as they are done today
Design	Integration points, data ownership and the failure behaviour of each workflow
Build	Configuration as code, provisioning workflows and tooling, reviewed like any other code
Prove	Run in parallel with the manual process until the automated path is the trusted one
Hand over	Source, documentation and the pipeline — so the workflow is yours, not rented

What is delivered

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

- Manual provisioning steps removed, not documented more thoroughly
- Configuration held as code, reviewable and repeatable
- Drift detected automatically, with a report rather than an outage
- Operational data in one place instead of six consoles
- Tools handed over with their source, so you are not renting access to your own workflow

Technologies

APIS | CONFIG AS CODE | ORCHESTRATION | WEB PORTALS | OBSERVABILITY | CI/CD

A WORD ON SCOPE

Automation projects fail when they start with a platform. We start with the three tasks your team does most often and automate those. If that goes well there will be a fourth.

EmaLite

Start with the estate you actually have.

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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.