Enfra

OSS FOR TOWER AND NETWORK OPERATORS

Run the whole tower estate from one OSS

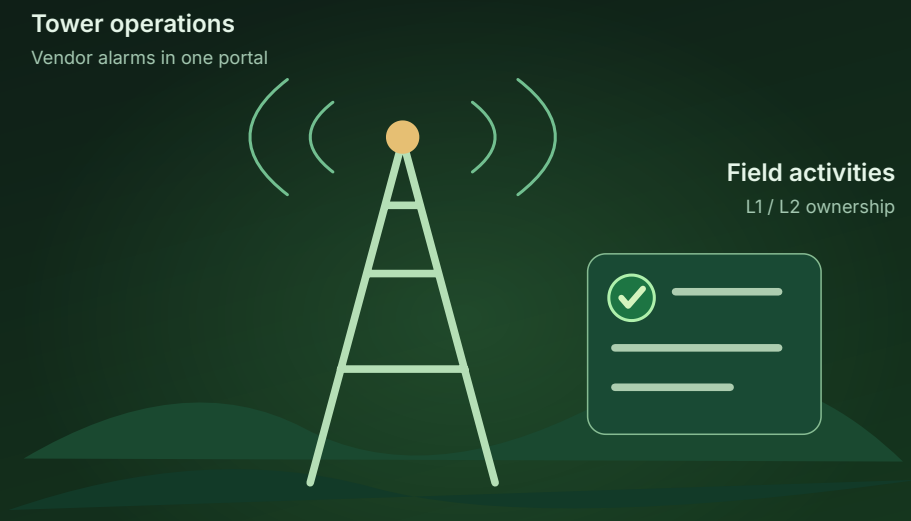
Enfra brings alarms, field activities, on-air tracking and rollout into one operations portal, collecting directly from vendor management systems. It is in use with Engro.

COVERAGE
2G–4G

INGESTION CHANNELS
3

ACTIVITIES
L1/L2

ON-PREM OR CLOUD
AI



Alarms

Live alarms from ZTE NetNumen and Nokia NetAct.

L1/L2 activities

Track work from raised to closed.

On-Air tracker

See site status across the estate.

OPERATIONAL CONTEXT

A clearer way to work

Enfra brings alarms, field activities, on-air tracking and rollout into one operations portal, collecting directly from vendor management systems. It is in use with Engro.

01

Many vendor consoles

Each vendor system needs its own screen.

02

Manual tracking

Activities and rollout live in sheets.

03

Slow on-air visibility

Site status is hard to see in one place.

THE CHANGE IN DAILY OPERATIONS

Before

- Separate vendor consoles
- Activity sheets
- Unclear site status
- Manual rollout updates
- Scattered inventory

With Enfra

- One live alarm view
- Tracked L1/L2 activity
- On-air tracker
- Project visibility
- Central catalogs

AN OPERATIONAL SCENARIO

Connect alarms with field activity

An operator is switching between vendor consoles while field leads update separate activity and rollout sheets. Site status and work ownership become hard to reconcile.

One
OSS portal

Multi
Vendor collection

Live
Alarm view

Tracked
Field work

CAPABILITIES 1

The capabilities that do the work

Explore the core functions of Enfra and the operational tasks they support.

01

Alarms

Live alarms from ZTE NetNumen and Nokia NetAct.

02

L1/L2 activities

Track work from raised to closed.

03

On-Air tracker

See site status across the estate.

04

Project tracking

Follow projects and RMS rollout.

05

Catalogs

Sites and SIM inventory in one record.

06

Screen automation

Collect from telecom GUI clients without an API.

DESIGNED AROUND THE USERS

Tower cos One view of the estate.

NOC Multi-vendor live alarms.

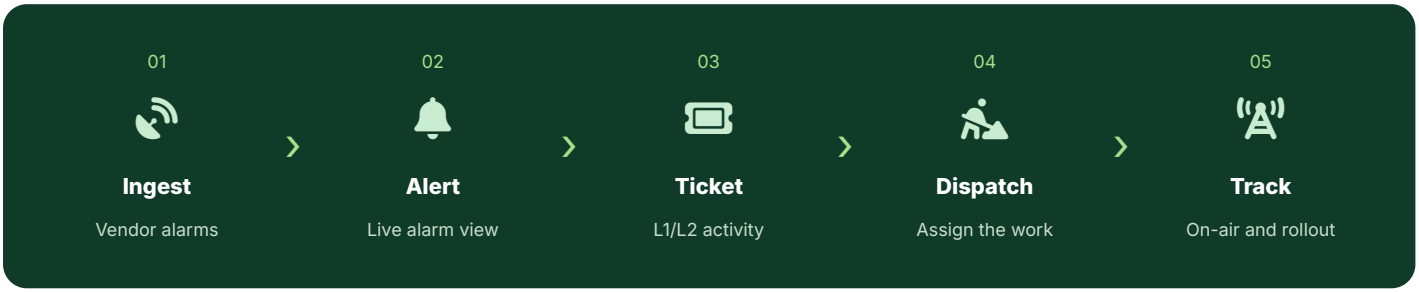
Field leads Activity tracking.

Projects Rollout visibility.

WORKFLOW

From the first step to the outcome

A connected sequence makes the handoffs and responsibilities easier to follow.



01 **Connect**
Link vendor systems, APIs and GUI clients.

02 **Normalise**
Bring alarms into one live view.

03 **Act**
Raise L1 and L2 activities.

04 **Approve**
Use wizards and workflows for controlled steps.

05 **Track**
Follow on-air status and rollout.

A PRACTICAL WALKTHROUGH

Connect alarms with field activity

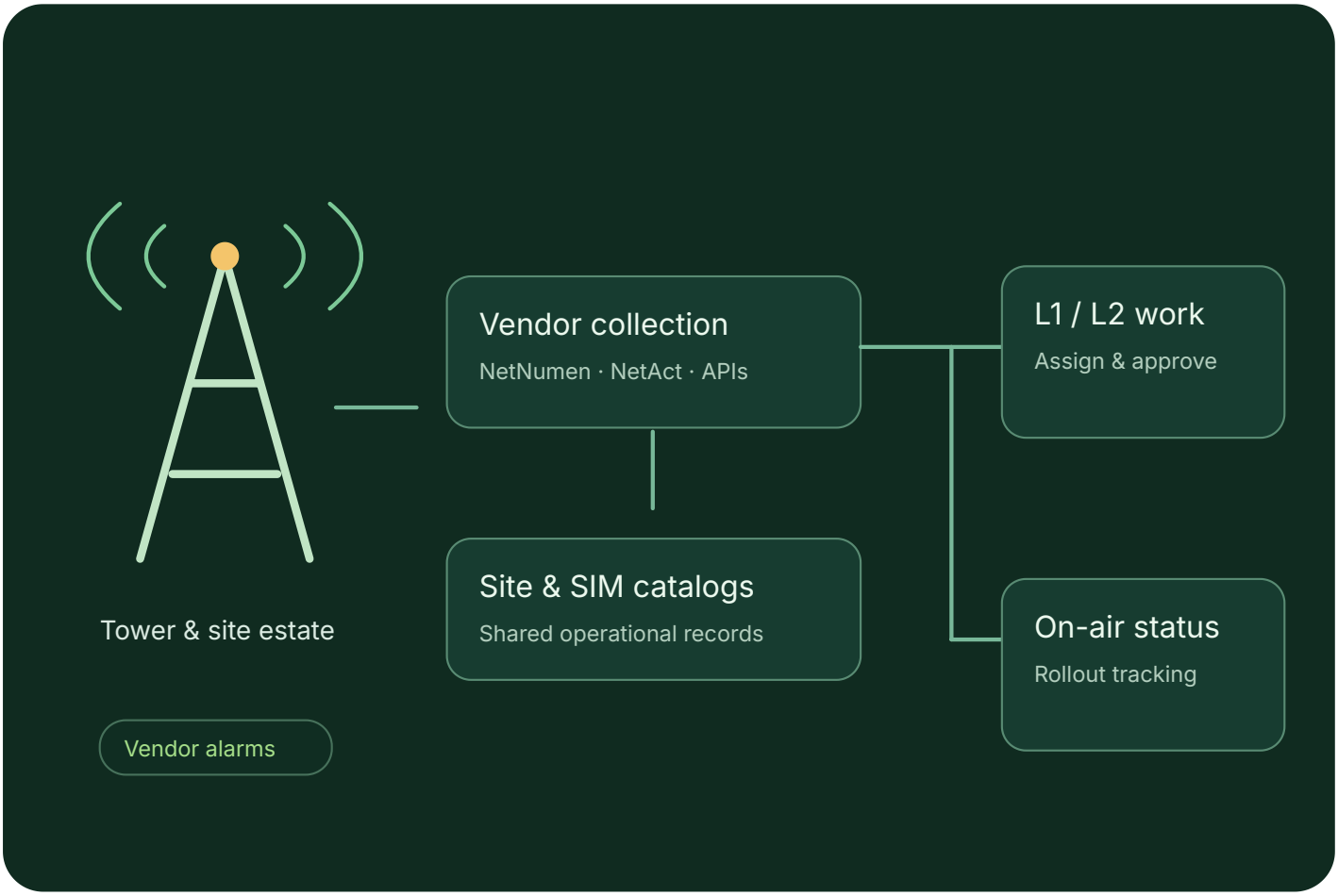
An operator is switching between vendor consoles while field leads update separate activity and rollout sheets. Site status and work ownership become hard to reconcile.

Bring a vendor alarm into the shared view, raise an L1 or L2 activity and follow its approval and dispatch. Check the on-air tracker and central site catalog together.

ARCHITECTURE & HANDOFFS

Connect the tower estate to field work

Vendor alarms, site records and activity workflows provide a shared operating picture for tower and network operations.



Conceptual product flow · Enfra

01

Vendor systems and external feeds bring alarms into the portal.

02

Site catalogs keep activity connected to the estate.

03

L1/L2 work and on-air tracking make the operational handoff visible.

DISCUSS YOUR ENVIRONMENT

Confirm the source systems, responsibilities and integration boundaries during the walkthrough. The diagram explains the product concept; the deployment scope is agreed for your environment.

TECHNOLOGY 1

Understand the connected pieces

Formats, protocols and tools in the product scope, with plain-language explanations for technical and business readers.

ZTE NetNumen

ZTE network management system, used as an alarm source.

Nokia NetAct

Nokia network management system, used as an alarm source.

Reon API

API connection used to bring in external operational data.

ElasticNet

Connected management system used as an operational data source.

Web Push

Browser notifications that reach users without opening the app.

Wizards

Guided, step-by-step forms for controlled data entry.

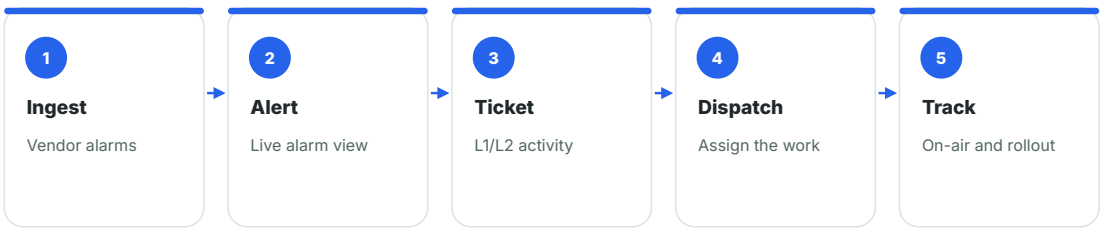
Workflows

Defined steps, approvals and owners that move work to completion.

PDF and Excel

Export formats for sharing reports and data.

THE ENFRA OPERATING FLOW



INTEGRATION PLANNING

Agree the source systems, supported versions, data ownership and access requirements during discovery. Validate the relevant interfaces against your environment before production rollout.

ASSURANCE & NEXT STEPS

Prepare for a successful rollout

Match the product scope to your people, systems and operating requirements.

PRODUCT ASSURANCE

- **TLS and rate limiting**
- **Rotating access tokens**
- **Fail-closed role access**
- **Audited activity**

PLAN THE ENGAGEMENT

01

Discover

Review your current process, source systems, users and constraints. Identify the operational problem the first phase should solve.

02

Demonstrate

Bring a vendor alarm into the shared view, raise an L1 or L2 activity and follow its approval and dispatch. Check the on-air tracker and central site catalog together.

03

Validate

Agree the applicable product scope, access controls, integration checks and acceptance criteria. Confirm deployment and support responsibilities.

04

Handover

Plan user guidance, operational ownership and support contacts. Confirm the reporting cadence and review process for the agreed scope.

START A CONVERSATION

Explore Enfra with our team.

Bring your operational scenario. We will walk through the relevant workflow and discuss a suitable scope.

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