IT & test environment and release management

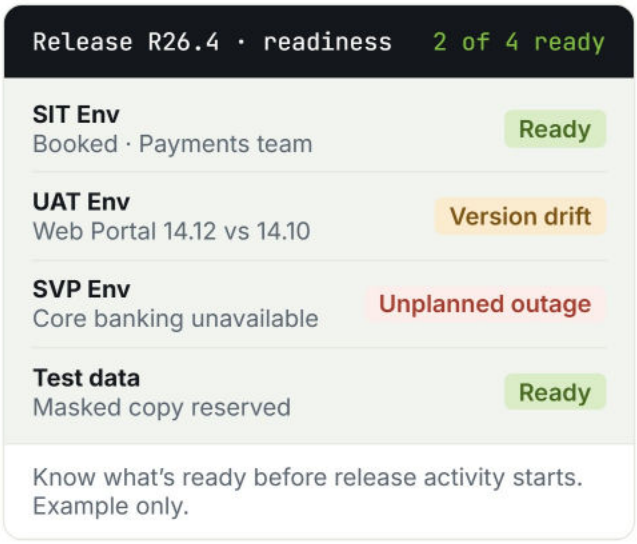
Environments as a delivery asset. Not a spreadsheet.

Environment & Release Manager gives delivery, test, release and platform teams one governed view of their non-production estate: who owns it, what's deployed, who has it booked, and whether it's ready.

PLAN Book & coordinate

TRACK Versions & health

AUTOMATE Orchestrate ops



Know what's ready before release activity starts. Example only.

Lower IT cost

Less proliferation of infrastructure, licences and services.

Faster delivery

Streamlined BAU and project work through better orchestration.

More resilience

Higher availability through proactive, repeatable methods.

Better quality

Timely, fit-for-purpose environments for dev, test and UAT.

THE PROBLEM

Shared environments. Competing demand. Little visibility.

The result is delayed testing, missed release windows, higher operating cost and avoidable production risk.

Outages and instability

System outages in test environments disrupt delivery.

Not fit for purpose

Environments missing the versions, data or integrations testing needs.

Manual, slow operations

Bookings, refreshes and fixes run on email, tickets and team knowledge.

Over-proliferation

Idle and duplicated environments drive up infrastructure and licence cost.

WHAT IT DOES

A control point for enterprise software delivery.

MANAGE

Environment inventory

Live view of systems, environments, components, interfaces, owners and relationships.

COORDINATE

Booking & contention

Controlled booking and forward planning, with conflicts visible before they disrupt delivery.

PROVE

Release readiness

Check environments, versions, data and dependencies are ready before release activity begins.

KEY FEATURES

Understand, plan, operate and measure. In one platform.

The Extensible Engine connects every module, so environment knowledge flows into release, test and data decisions.

UNDERSTAND
Know your estate

Architectural blueprints
Environment, deployment and service diagrams, linked to live health and automation.

SDLC-aware CMDB
Environments, systems, instances, microservices, interfaces and versions.

Fact sheets
At-a-glance system and release facts: config, cost, resilience, security.

PLAN
Coordinate demand

Release calendars
Schedule environment and deployment events and resolve conflicts early.

Booking & contention
Book environment groups, instances, components and test data.

Implementation plans
Deployment and cutover plans with timelines, risks and contingencies.

OPERATE
Run it repeatably

Service support
Lean ITSM for environment incidents, changes and requests, or use yours.

Orchestration manager
Runsheets, automation and pipelines for provisioning to decommission.

Deployment tracking
What version is deployed where, and where environments have drifted.

MEASURE
See and save

Insights & Information Walls
Out-of-the-box dashboards, plus custom walls built from data bricks.

Financial insights
Find idle and over-proliferated environments from day one.

Release dashboards
Status of releases, program increments and projects in one view.

HOW IT'S DIFFERENT

More than a CMDB. More than monitoring.

Not just a CMDB
A CMDB records configuration items. Environment & Release Manager adds demand, bookings, readiness, deployments, operations and automation in delivery context.

Not just monitoring
Monitoring shows technical health signals. Enov8 focuses on governance, planning, coordination, readiness and delivery impact, and can use monitoring data too.

Automation ready · Open REST API · Webhooks · Git repositories · ITSM integrations

Bash · JS · Java · PHP · Python

IN THE PRODUCT

See drift and waste before they cost you.

Real screens from Environment & Release Manager, with demonstration data.

Deployed versions

FIG. 1 · DRIFT

System	Version	Label	MicroService	DEV Env	SIT Env	UAT Env	SVP Env	DR Env
GDW								
GDW	7	Project-X Customer GDPR DR-GOLD	Customer Front End	14.12	14.12	14.10	14.10	14.10
GDW	7	Project-X Customer GDPR DR-GOLD	Reporting Engine	14.12	14.10	No Version	14.10	14.10
GDW	7	Customer DR-GOLD	Web Portal	14.12	14.10	14.10	14.10	14.10
Salesforce								
Salesforce	Summer 15 (Patch 10.1)	Customer DR-GOLD	User Service	8.0	8.0	8.0	8.0	8.0
Salesforce	Summer 15 (Patch 10.1)	Customer DR-GOLD	Account Service	9.3.4	9.3.4	9.3.4	9.3.4	9.3.4
Salesforce	Summer 15 (Patch 10.1)	Customer DR-GOLD	Product Service	10.1.1	10.1.1	10.1.1	10.1.1	10.1.1
SAP								
SAP	EPD 6.04 (Patch 6.16)	Customer DR-GOLD	Integration Service	10.0	10.0	10.0	10.0	10.0

Available Provisioning Unplanned Outage Planned Outage

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1 **Every system and microservice** by version, across DEV, SIT, UAT, SVP and DR.

2 **Version drift** is visible at a glance, before testing fails.

3 **Environment status** shows outages and planned work on the same grid.

Utilization dashboard

FIG. 2 · COST

41 Systems

183 Environment Instances

80 Instances with 0 bookings in 92 days

64% Idle more than half the time

<20% (Excellent) 20%-50% (Fair) >50% (Poor Usage)

Search

System	Environment Group	Environment Instance	Total Bookings	Total Idle Days (Out of 92 days)	Idle Cost	Percentage Idle
SAS MO	UAT Env	SAS MO (UAT)	0	92	$11,500	100 %
Moodle	UAT Env	Moodle (UAT)	0	92	$11,500	100 %
SAS MO	DEV Env	SAS MO (DEV)	0	92	$11,500	100 %
SAS MO	SIT Env	SAS MO (SIT)	0	92	$11,500	100 %
SAP	SIT Env	SAP (SIT)	0	92	$11,500	100 %
XESP	UAT Env	XESP (UAT)	0	92	$11,500	100 %
PPS	SVP Env	PPS (SVP)	0	92	$11,500	100 %

4 **80 of 183 instances** had no bookings in 92 days in this example.

5 **Idle cost per instance** turns waste into a number finance can act on.

6 **Ranked by percentage idle,** so the best savings are at the top.

USE CASES

From informal coordination to governed control.

USE CASE	TRADITIONAL	WITH ENOV8
Inventory & visibility	Spreadsheets, static registers and team knowledge.	A live view of systems, environments, owners, usage and relationships.
Booking & contention	Emails, meetings and shared calendars.	Controlled booking and forward planning, with conflicts visible early.
Release readiness	Late manual status calls and fragmented updates.	Check environments, versions, data and dependencies before release.
Environment drift	Found manually, often after testing fails.	Track deployed versions and configuration across every lane.
Provisioning & refresh	Manual tickets and inconsistent scripts.	Repeatable orchestration for provision, shakedown, refresh, decommission.
Cost & utilisation	Idle environments stay running, unnoticed.	Expose usage, ownership and lifecycle to cut waste.

BETTER TOGETHER

Environments, releases and data, connected.

+ Test Data Manager

Book the environment. Then the data.

Reserve masked, compliant test data alongside the environment that needs it.

+ VirtualizeMe

Book the environment. Clone the data.

Line up bookings with fresh database clones, ready in seconds.

+ DataFactory

Book it. Then fill it.

Fill a booked environment with a right-sized subset or synthetic data.

Bring control to your non-production environments.

Book a free 30-minute session and see Environment & Release Manager on a landscape like yours.

Book a demo · enov8.com/contact-us

WHAT YOU GET

1 · Free 30-minute session. No cost, no commitment.

2 · Tailored recommendations for your use case.

3 · An implementation roadmap you can act on.

More from enov8.com Bloor InBrief: Environment Manager Environment ROI Calculator Environment Maturity Calculator The eBook of TEM