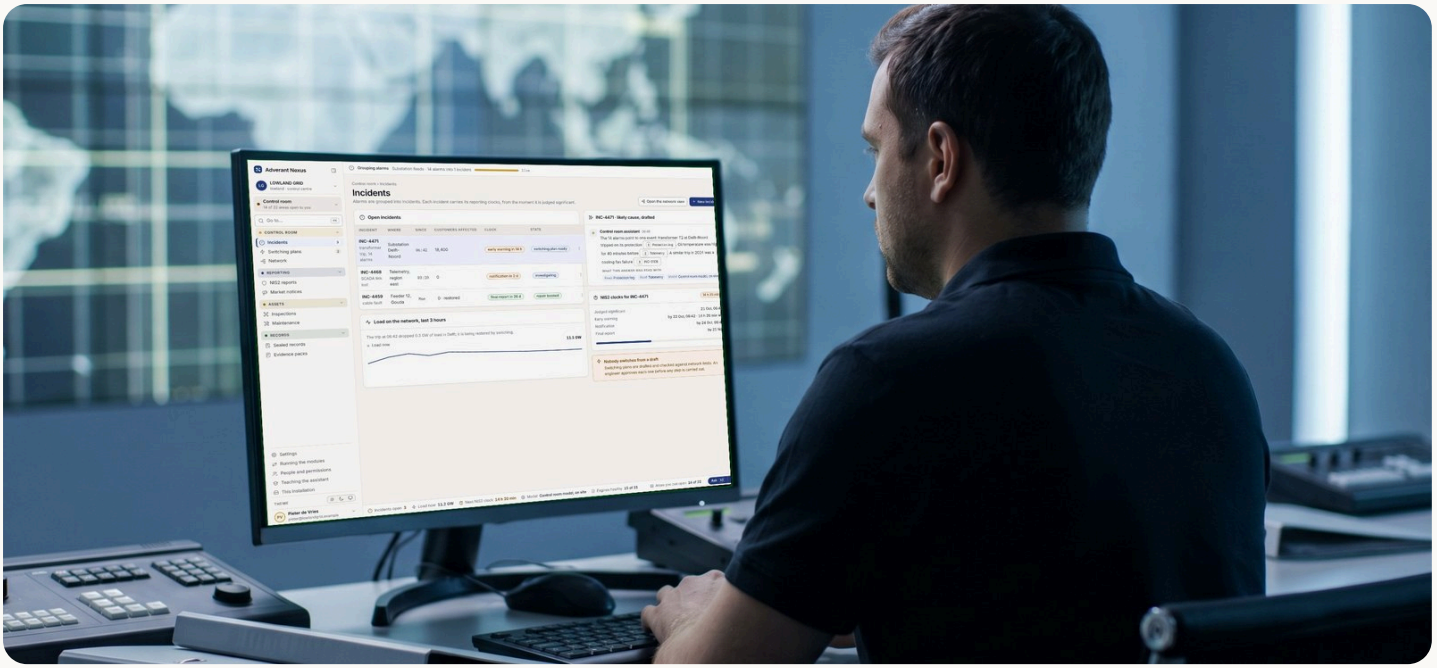
ADVERANT NEXUS · ENERGY PACK

Keep the lights on. Keep the proof.

The energy pack brings the words, rules and checks of grid operators to Nexus. It watches incident clocks, reads logs and asset history, and drafts the next step. Control-room engineers decide. Every decision is sealed.



Incidents and clocks. Alarms grouped into incidents, each with its reporting clocks. Sample data.

Faster answers in the control room. People still at the controls.

Incident clocks you cannot miss

NIS2 asks for an early warning within 24 hours and a notification within 72. The pack starts the clock at the first alarm and drafts each report from the facts.

AI that stays on site

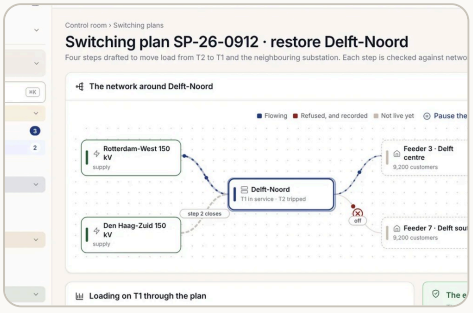
Models run on hardware next to the control room. Nothing about the grid leaves the building unless you allow it.

Maintenance with reasons

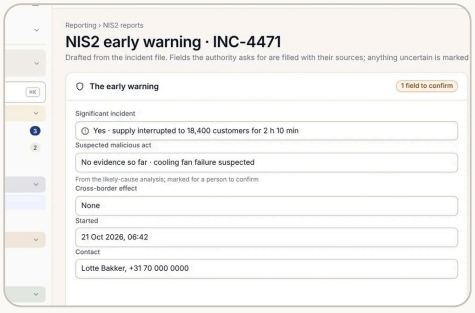
The pack weighs asset health, weather and the outage plan, and shows what it read. An engineer signs off every switching plan.

Screens for each desk

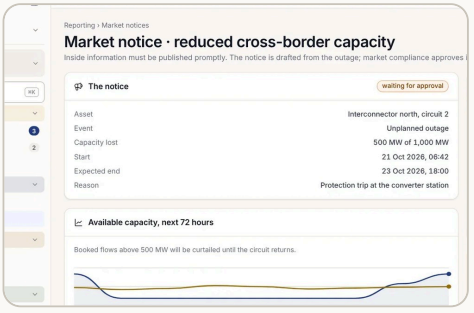
Sample screens with a made-up grid operator



A switching plan. The engineer changed the last step to avoid overloading a transformer.



A NIS2 early warning. Drafted from the incident file, with the clocks in view.



A market notice. Behind a wall from traders until it is published.

The energy and grids pack
Every screen and rule
adverant.ai/industries/energy

Watch the film
The 10-minute tour
youtu.be/eohd-5gDap4

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Adverant Limited · Registered in Ireland, company number 826944 · Venture Hub, 136 Capel Street, Dublin.

Who uses it

One pack, with a view for each role

Control-room engineer

Live alarms, the likely cause with its sources, and the switching plan to approve.

Asset manager

Health scores, the maintenance backlog, and what failed before and why.

Security officer

Incident clocks, the evidence gathered, and reports ready for the national CSIRT.

Market compliance

Outages that may be inside information, and the notice to publish.

Regulatory affairs

Sealed records and evidence packs, ready to hand to an auditor or regulator.

How it works: from the first alarm to a sealed decision.

01

Detect

Alarms, logs and sensor data arrive. The pack opens an incident and starts the reporting clocks.

02

Explain

AI reads the logs, the asset history and the weather, and says what most likely happened, with sources.

03

Decide

An engineer approves the switching plan. The security officer approves each report.

04

Seal

The decision, its sources and the reports sent are sealed and time-stamped.

WHAT IS SEALED

Every decision, with its reasons.

When an incident closes, the pack seals the record: what happened, who decided, what the AI read and which reports went out.

Anyone can check a sealed decision offline with a free verifier, without an account with us.

THE RULES YOU ANSWER TO

- **NIS2** · Directive (EU) 2022/2555
  Early warning in 24 hours, notification in 72, final report within a month
- **Network Code on Cybersecurity** · Delegated Regulation (EU) 2024/1366
  Cyber risk in cross-border electricity flows
- **REMIT** · Regulation (EU) No 1227/2011, as amended by (EU) 2024/1106
  Inside information published on time, no market manipulation
- **CER Directive** · Directive (EU) 2022/2557
  Resilience of critical entities
- **EU AI Act** · Regulation (EU) 2024/1689 · Annex III, point 2
  AI as a safety component of electricity supply is high-risk
- **GDPR** · Regulation (EU) 2016/679
  Smart-meter and customer data, used for a stated purpose

Close to the grid, under your control.

Operational work stays on site. Planning and reporting can run wherever your rules allow.



Our EU cloud
Hosted in Europe



Your data centre
Or your own cloud account



The appliance
A box in your own rack



Fully offline
No internet connection

WHY ADVERANT

Nexus is one platform for every industry: the energy and grids pack adds the words, workflows and rules, and the platform brings permissions, AI agents with limits, a budget for every model and a sealed record of every decision. Nine patent applications are pending in Ireland on how AI agents get authority, stay within it and have what they do recorded.

Don Scott, Founder and CEO, architect of Nexus. **Donal Hanafin**, Co-founder, two decades building products for regulated financial services.

HOW TO START

Pick one team and one job, such as incident files and NIS2 reports. We connect your systems, switch on the pack beside the control room, and you see it working on your own incidents. We can start on a copy of past records, so nothing live is touched until you are happy.

Show me with my own work
Don Scott, Founder and CEO · don@adverant.ai

The energy and grids pack, in detail
adverant.ai/industries/energy

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