

Grid Data Platform Manager

The platform the family runs on — shared infrastructure, one sign-on, registry, notifications, and housekeeping.

The Grid Data Platform Manager (GDPM) is the foundation every family application stands on. It hosts the shared infrastructure the family runs on, including one sign-on, so a sign-in to one application is honored by the rest. Every application registers with it and serves nothing until an operator approves it; GDPM then tracks it, holds its configuration, delivers its notifications, and runs the housekeeping that keeps databases fast.

KEY FEATURES

Shared infrastructure

Data, sign-on, and messaging services shared across the family and provisioned for each application as it installs — one credential surface instead of one per product.

Single sign-on

Sign in once and move across the family without signing in again.

Registration gate

Applications register and refuse requests until approved; approval opens them at once, rejection closes them again.

Notification Hub

Applications raise events; GDPM delivers them by email, SMS, or webhook — Slack and Teams included — with severity thresholds, templates, and an audit of every attempt.

Registry & dashboard

Every deployed application with its status, health, database, metadata, and configuration at a glance.

Retention & partitions

Per-table retention rules and scheduled partition maintenance for every application, with last-run status — protected by point-in-time backups.

USE CASES

- **Estate visibility** — one screen: what is deployed, where, and whether it is healthy.
- **Alerting without plumbing** — a product raises an event; the right people hear about it on the right channel.
- **Database housekeeping** — retention and partitions, scheduled instead of remembered.