PERINIMBLE · GRID DATA FAMILY

Grid Data Reporting

From query to published dashboard — and embedded anywhere the business needs it.

Grid Data Reporting is the family's dashboarding and business-intelligence layer. Analysts connect to the data they already have — databases, metrics, query engines, search platforms, REST APIs, or plain JSON — build charts in a guided dialog, arrange them into dashboards, and publish. Published dashboards are locked, parameterized, and embeddable in any application — including every other member of the Grid Data family.

KEY FEATURES

Point-and-click chart builder

Choose a data source, run the query, and the builder detects the columns; configure axes, series, and styling in one dialog.

Broad data-source support

Connections to the utility's databases, metrics stores, query engines, and search platforms — saved once, reused everywhere — plus REST APIs and inline JSON for instant prototyping.

Rich chart types

Bar, column, line, area, pie, doughnut, and scatter charts — plus configurable tables, single metrics, and tiles.

Dashboard parameters

Dashboard-level variables flow into every query, turning one dashboard into many.

Draft / publish lifecycle

Dashboards are fully editable in draft and locked when published — viewers always see a stable, governed artifact.

Embedding

Any published dashboard embeds in another application or the utility's own portals — reporting where the users already are.

Centrally managed connections

Database credentials never reach the browser, and connections are managed in one place.

Operational + business data

System metrics beside business data on the same dashboard — one pane for both audiences.

USE CASES

- **Platform operations dashboards —** backlog, service health, and ingestion volumes, live on a wallboard.
- **Business reporting —** billing, consumption, and data-quality reporting straight from the platform's data.
- **Embedded analytics —** publish once, embed in the Grid Data family's applications — or the utility's own portals.
- **Parameterized self-service —** one dashboard, filtered per region, per feeder, or per customer segment.
- **Ad-hoc investigation —** point a chart at a REST API or paste JSON and see the shape of the data right away.

BETTER TOGETHER

Reporting reads from the whole family: the Grid Data Management Platform's data, Enhanced Analytics' metrics, and the platform's own operational telemetry — and its published dashboards embed back into any of them.