CloudWinks

CLOUDWINKS · FOUNDATION APPS

TheReporter

Technical brief

TheReporter is the one place CloudWinks keeps report templates and produces reports from every app's data, from payslips and tax forms to business-plan exports, with a history of what was produced.

1. Architecture in brief

TheReporter is a Foundation app with the rept_ prefix. A server-side renderer produces PDF, XLSX, CSV, HTML, Google Doc and Google Sheet output, always with the viewer's own rights, and records which renderer ran each execution. PLATFORM templates are owned by the CloudWinks Inc. Crux company and are directly usable by every company; a company's copy is owned by that company. Neither renderer queries tables directly; both read the same published views.

2. Service boundary and intake

A report runs on request or on a thin scheduled-report definition that points at a Conductor schedule. Each template has one data source; cross-app reports read published views. Templates are edited through the generated form plus a structured editor for the definition (sections, components and data source). Template languages are Spanish and English, with WorkerBee machine translation labelled for review.

3. Data handled

The model holds templates and versions, executions, generated reports and an audit trail. A completed report keeps its frozen result data, with a size cap, and the rendered file lives in MediaMogul; expired reports are archived, not deleted. Seed templates are the payslip, W-2 and W-3, Form 941 with Schedule B, and DreamDrafter Standard v2.

4. Integrations and ownership

Every app supplies published views. TjingTjing, DreamDrafter, LandMan and TheBoss use TheReporter templates; MediaMogul stores the PDF copy; WorkerBee translates; Conductor times scheduled reports; BigTalk carries any message that delivers a report. Google Doc and Google Sheet output is built through TheIntegrator and saved in the owner’s Drive folder.

5. Security and access

Reports run with the viewer’s own rights over published views, never with elevated access to tables. Company templates stay inside the owning company; platform templates are readable by all. The audit trail records template changes and runs.

Competitive context

ALTERNATIVE	ITS FOCUS	CLOUDWINKS PRODUCT FOCUS
Microsoft Power BI	Report templates, scheduled refresh and exported report files.	Business documents such as payslips, tax forms and plans, rendered from published app views with frozen run data.
Tableau	Workbooks and views with scheduled subscriptions.	Platform templates in Spanish and English shared by every company, with copies only for customisation.

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