

Print Tracker

A custom production tracking system built for a real print team

The Problem

The production team tracked print jobs manually across a Google Drive folder structure (Month → Week → Day → Event) filled with Excel sheets. There was no live, shared view of what was running, what was done, or what had been cancelled. Staff across artwork, print, and production had to dig through folders by hand just to answer “what's next?”

The Solution

Pitrre Tech designed and built Print Tracker, a web app that automatically scans that same Drive folder hierarchy through a secure service account and turns it into a live, role-based dashboard. No one has to change how they save files — the app reads the existing structure and keeps itself in sync in the background.

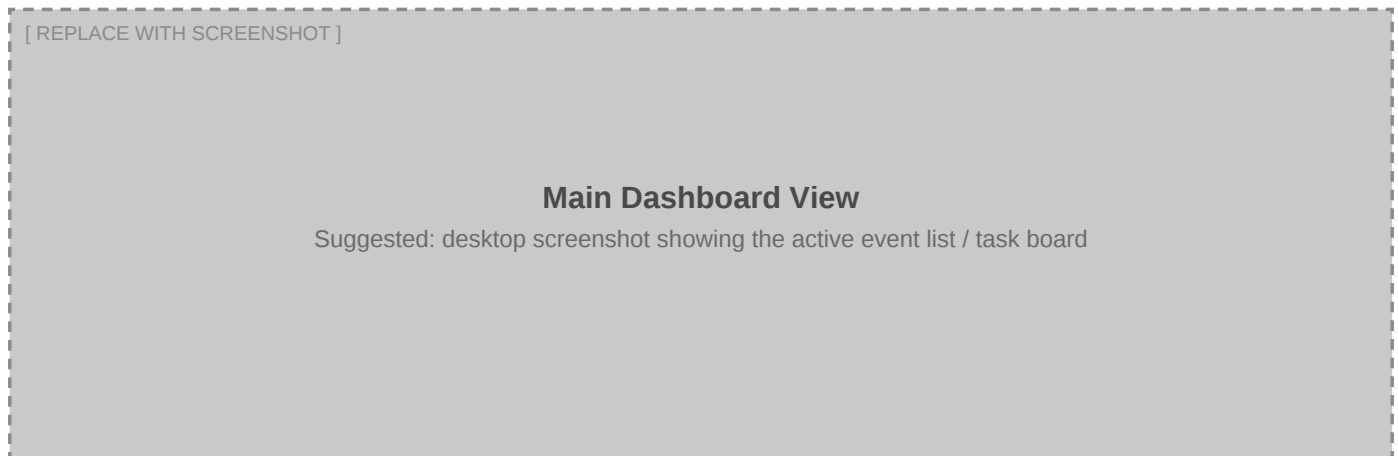


Fig 1. The live dashboard used daily by the production team.

Built With

Next.js 14

Neon Postgres

Vercel

Google Drive API

PWA

Key Features

- **Automatic Drive sync**
Reads the existing Month/Week/Day/Event folder structure directly — no manual data entry.
- **Live TV kiosk display**
A drive-thru-style queue screen for the production floor, updating in real time.
- **Installable app (PWA)**
Installs to a phone or tablet home screen like a native app.
- **Role-based logins**
Separate views and permissions for artwork, print, production, kiosk, and admin roles.
- **Printable checklists**
A per-event checklist page staff can print and use on the floor.
- **Smart filtering**
Automatically hides cancelled (“Cancelado”) events and resets completed tasks weekly.

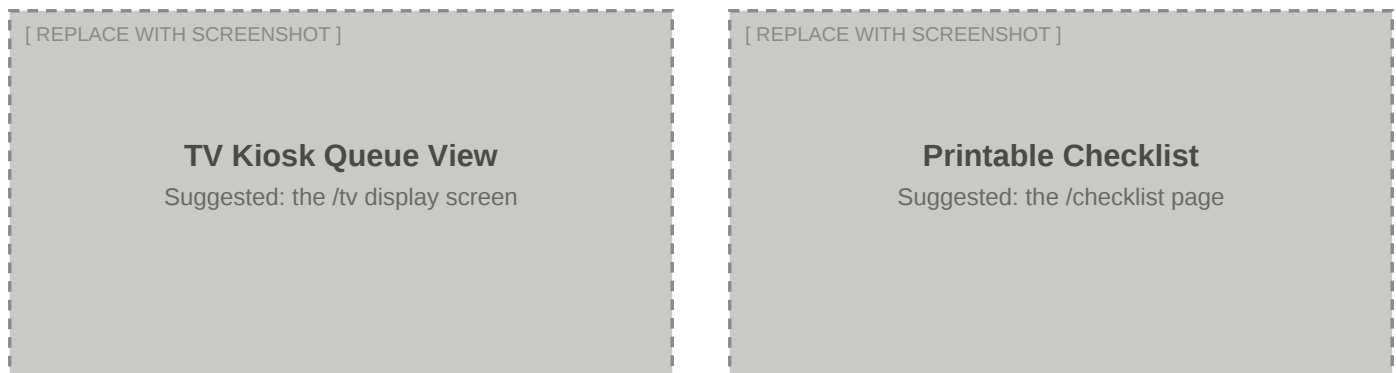


Fig 2–3. The kiosk queue and printable checklist views.

The Impact

The production team now sees live job status at a glance instead of manually checking folders. The app is in daily use across artwork, print, and production, with background syncing so pages load instantly and next week's events are pre-populated automatically before staff need them.