# DD&T — WEEKLY REPORT

Digital, Data & Technology · file no later than Sunday by 4:00 PM ET

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Week ending: November 6, 2026

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## 1 · This week in one paragraph

This week I fixed two bugs caused by the end of daylight saving. Recurring schedules were firing an hour early; the fix shipped in API prod-1.16. I ran the migration for existing schedules and reviewed the recordings made since Nov 1. Station pages were showing the wrong program; I fixed that and added a toggle to show program times in the visitor's own time zone. I fixed videos repeating about a second when the player changes quality. The fix is live and I verified it on a new production video. I built media re-export across the transcoder, API and client: content managers can add or replace formats on an existing media, or cut new clips from it. It's tested locally and ready to deploy. I shipped category filters and PDF/CSV report downloads for Analytics (prod-1.17) and released the LaMusica TV FAST channel endpoint with Yospace ads (media-center prod-1.55). I fixed PHP 8.5 outages on mega.tv and radiomultisite. I audited the analytics system and designed a new BigQuery-based platform, which I reviewed with Alberto. I met with Alberto, Frank and Jhonny on the analytics issues, where I presented the analytics report and we agreed to start documenting the LaMusica Platform.

## 2 · Open items

- Media re-export: all three sides are on master (transcoder de4d324, API 7b15abb, client b0aa5c2) but not deployed, and the feature hasn't been tested in the browser yet.
- Videos encoded before the keyframe fix: they still repeat about 1 s on quality switches until they're re-encoded. This needs a plan for re-encoding and for clearing the CDN cache.

## 3 · Next week

- Deploy re-export in order (transcoder, then API, then client), then test it in the browser: add MP3 to a media, replace a format, and cut a clip as a new media.
- Plan re-encoding of the GPU-encoded videos (most-viewed first), and set up a Media CDN purge for overwritten HLS files.
- Meet with Alberto and Jhonny to discuss the LaMusica Platform docs.
- Add a TTL or archive to `analytics_master`, fix the double-counted ad completes, and plan the player SDK changes that cut event volume by about 60%.
- Create and plan the Jira cards written this week (analytics report export, station schedule, time zone toggle, stream IDs from the APIs).

## 4 · Open issues

- Analytics numbers are inaccurate, so the reports content managers download don't match reality:
  - Unique users are added up across days. The El Vacilón October report shows 379 instead of the real 273.
  - Sessions are inflated: 67% of October sessions never played anything.
  - Daily totals undercount sessions compared with the KPI total.
  - Ad completes are counted about twice.
- Analytics storage keeps growing: `analytics_master` grows by about 26M events a month (about 100 GB on disk a year) with no TTL. 78% of what it stores are heartbeats.
- Production credentials in code: the transcoder's config hardcodes the production MongoDB password and the encryption key as fallbacks. A local run without environment variables connects to production.

## 5 · Suggestions

- Add alerts for failures that are silent today: analytics aggregation errors, failed scheduler runs and transcoder GPU-to-CPU fallbacks.
- Add tests for time-zone and daylight-saving cases to scheduling and schedule display code, before the next time change on March 14, 2027.

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