phoenixme Case study | London's largest fit-out, for a blue-chip client

One fit-out. Four systems. Every register live.

Phoenix ME delivers the mechanical and electrical package on the largest fit-out in London, for a blue-chip client. EngVision runs its digital engineering: the drawing register, the asset data, the QR tagging programme and the site instruction log. Most started as spreadsheet work done by hand.

1,877
drawings tracked through approval, construction and as-built

22,897
live assets tracked for QR tagging, checked hourly for new exports

603
instructions raised in ClickUp, each assigned to an engineer

Counts read from the London fit-out project records between June and September 2026.

What runs on site today.

Every time saving here is modelled and states its assumption, so you can check the arithmetic against your own project.

01 **Drawing and Model Control**

Drawing progress dashboard

BEFORE

The drawing position came from a tracker whose largest sheet alone carried nearly 248,000 formulas. It hung on open.

NOW

That tracker now feeds the approval, construction and as-built dashboards. Each shows the pipeline stage tree and who is holding what, alongside an S-curve against programme. The dashboards have since been ported to two more Phoenix projects.

Tracker refreshed → Approval dashboard → Construction dashboard → As-built dashboard → S-curve against programme

1,877 drawings on the project register

3 projects now on the same dashboards

MODELLED SAVING

About 2.5 hours a week

Modelled on three hours to compile the report by hand each week against thirty minutes to refresh and read the dashboards. Not a measured figure.

02 **Services**

Site instruction automation

BEFORE

Every site instruction started with someone opening the document platform to download each attachment. Then they had to file it, log a row in the CAD instruction workbook, add the link and raise the task. Hundreds of instructions, one at a time.

NOW

A daily run scans for new instructions, files every attachment into the SharePoint tree, writes the workbook row and link, and proposes a ClickUp task for each one, assigned to the responsible engineers. Larger batches wait for approval. The outcome goes back into the workbook the project team reads.

Daily scan → File the attachments → Write the workbook row → Larger batch waits for approval → Propose the tasks → Back into the workbook

22 instructions and 97 files handled in one batch

359 of 603 assigned instructions evaluated by engineers

MODELLED SAVING

1.5 to 4 hours per batch

Modelled on twelve minutes per instruction by hand (download, file, log, link, task) for batches of 9 to 22 instructions, against fifteen minutes reviewing exceptions. Not a measured figure.

03 **Asset data dashboard**

Asset data dashboard

BEFORE

The asset register arrives as spreadsheet exports. Checking them by hand against the data specification means sampling.

NOW

Exports and model imports are validated against rules drawn from the specification. The dashboard shows completion and outstanding work, with heatmaps of missing data. Each asset record has cell-level locking and an audit trail.

Export or model import → Validate against the rules → Completion and outstanding work → Locked record, audited

37,937 active assets in the register, June 2026

Audited cell-level edits to asset records, with locking

MODELLED SAVING

About 630 hours per full check

Modelled on a person checking each of the 37,937 rows by hand at one minute a row, against a validation run that checks them all. Not a measured figure.

04 **QR Asset Tagging**

QR tagging progress site

BEFORE

The client needs to see how much of the fit-out is tagged and signed off. The field team needs to know what is behind. The position came from a loader script run by Windows Task Scheduler on one machine.

NOW

A progress page for the client and a site-work view for the field team, checked hourly in the cloud for new model exports. It shows tagging and sign-off by level, core and category, and what is behind. It also shows which tags point at assets that have left the model.

Cloud check for exports → Reconcile the exports → Client progress page → Site-work view → Tags without an asset

8 master model exports reconciled whenever one changes

Hourly check for new exports, from the cloud

MODELLED SAVING

About 2.5 hours a week

Modelled on a person assembling the same position by hand for the client and the site team, thirty minutes each working day, five days a week. The tool itself replaced a script on one machine, so this is the manual equivalent. Not a measured figure.

EngVision, engvision.co

Three tools and one automation, live on London's largest fit-out, delivered by Phoenix ME for a blue-chip client: drawing progress, site instructions, asset data and QR tagging.