Utilities & Power | India

A power distribution utility brought 400,000 assets across 400+ locations under control

A power distribution utility built one fixed asset register for 400,000 assets, verified them physically, tracked their depreciation and synchronized the data with its ERP.



400,000
assets in one fixed asset register

400+
locations covered

22
divisions served by the utility

AT A GLANCE

INDUSTRY
Power distribution

REGION
India

LOCATIONS
400+ across 22 divisions

ASSETS
Around 400,000

FEATURES USED
Assets | Finance | Platform

01 The client

The client is a public sector power distribution utility in India, supplying millions of customers across 22 divisions.

It operates from more than 400 locations and has around 400,000 assets to maintain and manage. With that many assets spread across so many premises, keeping track of them by hand had become impossible.

02 The challenge

The utility did not know where all its assets were, how long they would last, or what they were worth. Its ERP data was not linked to any asset record, and verification was manual.

- No integration between ERP data and asset records.
- No visibility of which assets were at which of 400+ locations.
- No knowledge of asset life and no alerts of any kind.
- No basis for deciding when to buy or replace assets.
- Physical verification of 400,000 assets meant manual spreadsheets.

03 What they set up in Asset Infinity

The utility built its complete fixed asset register in Asset Infinity and connected it to its ERP.

Assets

One fixed asset register

Every asset across 400+ locations is in one register with its details and a QR label, so staff can find and assign assets wherever needed.

Assets

Physical verification on mobile

Auditors scan asset labels in the mobile app during verification rounds, recording each asset as verified, moved, not found or damaged.

Finance

Depreciation and asset life

Each asset is recorded from procurement to depreciation, so the finance team knows its value and remaining life.

Platform

Connected to the ERP

Asset Infinity was connected to the utility's ERP through the API, synchronizing asset data for functional and reporting use.

04 How it works day to day

This is how the utility's assets are managed now, across every location.

PROCUREMENT TEAM

Records a new asset

A new asset enters the register with its purchase details from the ERP, its location and a QR label.

LOCATION STAFF

Assign assets where needed

With every asset and its details in one register, staff can see what is available and assign it wherever it is required.

AUDITOR

Runs a verification round

In the mobile app, the auditor scans each asset at a location and marks it verified, moved, not found or damaged.

SYSTEM

Updates the register

Verification results update asset records directly, so there is no spreadsheet to reconcile afterwards.

FINANCE TEAM

Runs depreciation

Depreciation runs calculate the value of every asset in the register, with no manual calculation.

FINANCE TEAM

Plans replacements

Assets nearing the end of their life show up in reports, so replacement purchases can be budgeted in time.

SYSTEM

Keeps the ERP in step

Asset data is synchronized with the ERP through the API, so both systems describe the same assets.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Asset register	Manual records, never fully reliable	One fixed asset register for 400,000 assets
Asset visibility	Unknown across 400+ locations	Every asset with its location
ERP data	Not linked to assets	Synchronized through the API
Asset life	No knowledge, no alerts	Recorded from procurement to depreciation
Physical verification	Manual, with spreadsheets	Mobile verification rounds
Thefts and losses	Hidden by missing information	Significantly reduced

06 How it rolled out

1

Register built. Assets from all 400+ locations were brought into one register.

2

ERP connected. ERP data was synchronized with the asset register through the API.

3

Assets verified. Physical verification established a register that matched what was actually on site.

07 The results

- A complete Fixed Asset Register (FAR) at the organizational level.
- Significantly fewer asset thefts and losses caused by missing information.
- Duplicate and ghost assets removed through physical verification.
- Timely financial decisions on which assets to replace, based on known asset life.
- Savings in time, effort and resources from ERP data synchronization.

08 Why it worked

Built for scale

A register of 400,000 assets across 400+ locations is only practical when every record is kept in one system.

Verification that updates the record

Scanning assets in the field updates the register directly, removing duplicates and ghost assets.

Works with the ERP

The API connection kept the utility's ERP as its financial system, with asset detail kept in step.

09 Looking ahead

With 400,000 assets in one verified register linked to its ERP, the utility knows what it owns, where each asset is and what it is worth.

Knowing each asset's life lets the finance team plan replacements on time, and regular verification keeps the register true to what is on site.

See it on your own assets

A 30-minute demo, set up for a power or utility company.

The client's name is withheld for confidentiality. Results are as reported by the client.

Book a demo

Start a 14-day free trial