

PREVENTING FORECLOSURE

FINDING ALTERNATIVES FOR TROUBLED HOME LENDING ASSETS

THE STORY

A global bank managed a multibillion dollar home lending portfolio of delinquent mortgages that was losing significant value every month. The analysts needed to determine what actions to take: whether to foreclose, modify, or cancel the loans. Although foreclosure was in neither the bank's nor the borrower's best interests, there were many technical and operational challenges blocking an efficient and fair solution.

The bank had multiple systems of record and dozens of massive-scale data sources, all of which were necessary to analyze and understand the home lending portfolio. Complicating matters further, these data sources were siloed and incomplete. The bank required an immediate solution to avoid substantial losses during the mortgage crisis.

OUR SOLUTION

Our engineers deployed a fully operational solution at the bank within three months. After identifying strategic initiatives with the bank, they integrated more than thirty internal data sets into Palantir, as well as external data sources like on-market house listings, automated valuation models, and market forecasts. Using Palantir, analysts were able to access all relevant data sources in a single environment for cross-functional collaboration. Palantir continued to ingest over a terabyte of data each month.

Bank analysts receive a daily priority list of loan-level actionable information. Based on this list, analysts leverage Palantir's enterprise-wide analytics and visualization tools to build advanced model and push insights to operations teams. As a result, the bank had access to accurate and up-to-date loan-level pricing, enabling analysts to make smarter, data-driven decisions. With Palantir, the bank has increased the efficiency of its short sales process, reduced borrowers' debt, and avoided many previously-unavoidable foreclosures.

IMPACT & RESULTS

*By making decisions more effectively and efficiently, the bank is realizing **hundreds of millions of dollars in savings.***

*Strategies developed using Palantir **avoided significant losses on foreclosure depreciation.***

*With Palantir, the bank met national economic recovery objectives, stimulated local communities, and addressed **one of the main drivers of the financial crisis.***