

Forge 

# Analysts Save Twelve Weeks a Year with the Forge™

## One File at a Time

Extracting climate data for an LMI facilities planning project used to take substantial time. Not only did analysts extract single files at a time from an aggregated climate data system, but this task spanned across a large data set with a wide geographic range and more than 20 variables. This arduous, three-week process limited extractions to once per quarter. Further, this task detracted from the time analysts devoted their skill sets to more strategic work.

## Turning Tedious into Transformative

Eager to optimize analysts' time, the project team collaborated with LMI's technology studio, the Forge™. The team gained a deep understanding of the challenge through a human-centered design approach and built an automated data engine to transform the process.

The engine simultaneously extracts multiple files overnight, freeing time for more in-depth and impactful analysis of reports. Further, the engine pulls these reports more frequently, resulting in more accurate and timely data.

The engine extracts climate point data, as opposed to grid data, across various locations, times, and other variables. Therefore, analysts delve into the data and draw meaningful insights to create action plans for the organization.

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**“With the Forge™, our analysts' work went from monotonous to strategic. Now, they dig deep into the reports and draw meaningful insights to inform our project goals.”**

LMI Project Manager