

Modernized the global application user experience for a scientific solutions company





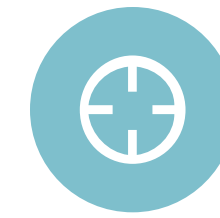
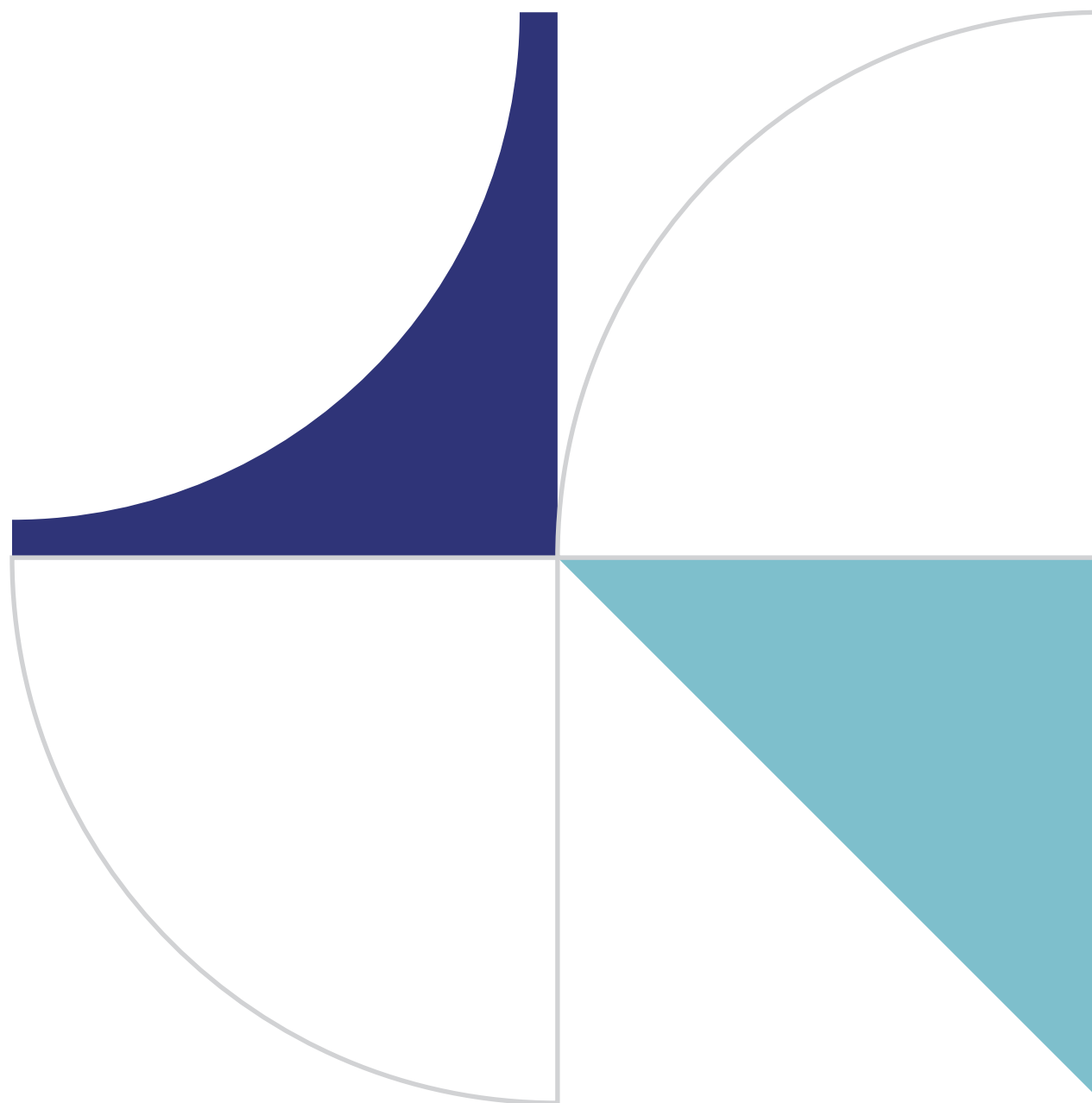
Overview

The client is a global science and specialty chemicals company, and a leader in sustainable technologies, that applies cutting-edge science and chemistry to create solutions.

Organization Size: **14130**

Country: **USA**

Revenue: **\$22.08 Million**



Challenges and Goals

The client required a complete overhaul of its application design at the global level. The design and look of the global application pages like login, profile and reset password screens etc was outdated and the client wanted a completely fresh look.

The security measures in the current application were obsolete, and the system was exposed to potential threats via google hacking method, sql injection etc. So, the clients information about their cutting edge technology was also at risk.

In addition, the performance of the metal trading account system was poor and the baseline for eJM application was not in place.



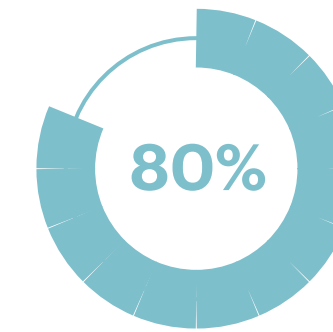
Solutions

We rolled out a completely new design for the client, including a new desktop UI for the entire site. The security vulnerabilities in the site were identified in the vulnerability and penetration testing, and appropriate fixes were performed apart from other solution roll outs like:

- Optimizing the code routine to improve the performance of the system and optimizing the server configuration to serve the requests faster. The effective productivity and performance was reflected in the high sprint velocity of our team.
- Automating the entire application testing and implementing DevOps to accelerate the turnaround time to deliver any business-critical change.



Business Impact



Site pages saw an improvement in page response time

- Entire eJM site reskinned resulting in an intuitive, task-oriented experience based on user needs, as well as a modern, sleek look and feel
- 500% increase in eJM concurrent users; from a baseline of 40 to 200, creating operational efficiencies for client servicing



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