

Geode Software Project Profile

Tool Management System Design

Industry

Precision Manufacturing

Need

The client has extensive internal systems for billing, inventory, and manufacturing. However, none of their systems has the ability to manage the tooling used in the manufacturing process. Because their internal development staff was busy with other projects, they needed someone to help design a solution to manage this inventory.

Challenges

- The key staff in the process developed the existing software used to manage the inventory
- The system would require input from across the organization, the shop floor, accounting, purchasing, and engineering

Solution Type

Software Design

Solution

The recommended solution was a web based application that could be easily accessed by any department in the company. The design includes operational controls to help reduce lost items, eliminate redundant hardware, and increase billing on tools. The system was created to eliminate the loopholes that were absent in their existing software and provide much-needed accountability.

Result

The system design provides a detailed accounting of the entire tooling inventory available to the client, something that had never been available before. Having this up to date, controlled record of tooling inventory will reduce costs by eliminating redundant hardware and increase revenues by ensuring clients are billed appropriately for the tooling used in their projects.