



ABOUT MAJOR TOOL & MACHINE

Major Tool & Machine (MTM) has a world-class manufacturing facility, offering state-of-the-art machining, fabrication, assembly, and finishing services. With a combination of world-class equipment, skilled employees, advanced technology, business & quality systems, engineering, and project management expertise, MTM is positioned to be the maximum value option for their customers.

In 2017, MTM was required to comply with a government security mandate (DFARS 252.204-7012) that requires them to utilize a multi-factor authentication solution for all users, and record all computer access by employee name.

THE CHALLENGE

Other solutions were routine 2-factor authentication products that require each user to have their own unique user ID to log on to the computer, complete their task, and manually log off the computer. The next person in line would have to do the same. This was not practical as it would incur high costs and extra time for each employee to log on and off for each transaction. This option is not time or cost effective.

THE SOLUTION

After researching and testing GateKeeper, MTM realized that it was the optimum solution balancing security and convenience. Implementation procedures for this solution were seamless. Every employee is issued a GateKeeper key, then required to set up a unique access PIN for their individualized GateKeeper accounts.



Company: Major Tool & Machine

Location: Indianapolis, IN

Industry: Manufacturing

Products: Halberd, GateKeeper Hub

Number of Users: ~400





The employee approaches a data terminal and enters their PIN into the client software. The receiver detects the fob, reads the serial number, and verifies the fob and PIN are a match and “unlocks” the screen. An entry is created in the server log indicating the employee, fob serial number, computer name, and the date and time that the screen was unlocked. This process emulates the security of individual logins in a more timely, cost effective fashion.

When the employee is done, they can simply walk away. The proximity sensor will automatically “lock” the screen when they are a very short distance away and a lock entry is created in the server log. The computer is immediately ready for the next employee.

THE RESULTS

Major Tool was pleased with how quickly their team of nearly 400 were able to adopt these new login procedures. Once implemented, the system immediately began to generate 1,000s of unlock and lock events per day. This validated the need for precise records given the volume of transactions and the number of people with access to protected information.

GateKeeper only added 2-5 seconds on average to the login process. While conventional two factor authentication methods could have cost the company over 240 hours of login time for 14,000 logins in one month, GateKeeper took only 20 hours of time to login. GateKeeper made the computers secure, and cost 90% less in time as compared to any other authentication method.

Finally, a vital benefit realized with the GateKeeper management software was an easy way of handling employee turnover. With a staff of nearly 400, replacing people at any given time is a reality at MTM. GateKeeper made revoking access by disabling the employee’s key happen in real-time, eliminating the need for any complex procedures to manage employees leaving the company.

In summary, Gatekeeper solved one critical aspect of complying with DFARS and securing workstations for Major Tool & Machine, while providing a seamless tool for computer access for their employees and securing their data.



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FOR MORE INFORMATION

Please contact us at info@gkaccess.com for more information about our products and technology.