

Providing the right privileged access to get the job done

Key Facts

Company

Cavium

Industry

Technology

Country

United States

Websitewww.cavium.com

Challenges

- To protect invaluable intellectual property assets while allowing the business to run
- Too many admin rights throughout the company

Results

- Simplified and secured access to privileged credentials
- Automated password changes reduced exposure for passwords being stolen or misused
- Enhanced security with granular access control in all countries
- Easy implementation enabled companywide deployment in two weeks

Solution

- [One Identity Safeguard](#)
- [Active Roles](#)

The majority of headlines about cybersecurity failures center on the theft or loss of customer or citizen information, and larceny linked to money. However, for many organizations the “crown jewels” that they must protect is the intellectual property that is the true value of their businesses. Such is the case with San Jose, California-based Cavium, a processor manufacturer that services a wide range of technology solutions.

Cavium processors can be found in many of the world’s leading technology brands. The company has grown its worldwide presence through mergers and acquisitions and now has offices around the globe.

“Every day our business units are driving me to open up access to more and more countries, and many of those countries do not have laws or cultures that respect intellectual property,” said Abe Smith, director for Enterprise Security for Cavium. “So the challenge we face is granting the most secure access to our users – properly. That means giving the right access, to the right people, at the right time, to the right resources, and only for the time they need it.”



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Abe Smith, Cavium

With Cavium's intellectual property worth hundreds of millions of dollars, Smith's primary responsibility is to protect those invaluable assets while enabling the business to run how it needs to.

"Without the right tools in place, we're left with no other option than to give users nothing (from an access perspective) if we wanted proper security. Of course, that is unacceptable," Smith said. "Consequently, when I arrived at Cavium, it seemed that everybody had admin rights, and that's crazy – particularly if we have a priority on protecting our intellectual property."

The right tools to get the job done

To address this problem, Cavium turned to One Identity. "I prefer to work with as few vendors as possible," Smith said. "The way that One Identity solutions work

together synergistically allows me to do that – even on the privileged access management side - which is a big win for us." For several years, Cavium has leveraged One Identity's solutions to manage its infrastructure and access. For one, the processor maker has used Active Roles solution to secure and manage its Active Directory (AD) environment. This solution has been extremely helpful particularly when taking on several major acquisitions. Active Roles delivers the ability to delegate AD admin permissions so that just the amount of access can be granted to get the job done – nothing more nothing less. In addition to Active Roles, Smith and Cavium have used One Identity's Privileged Password Manager solution, which is a password vault that eliminates the need to share admin passwords and assigns individual accountability to their use. Recently, Cavium switched

to One Identity's next-generation privileged access management solution – One Identity Safeguard. "Safeguard is one of the three legs of critical security solutions I use which also includes encryption and perimeter protection solutions. One Identity Safeguard allows me to provide granular access to our users around the globe, which eliminates the all-or-nothing situation we were stuck with prior to implementing a solution. It also nearly eliminates the risk for us in regions with less-than-stringent intellectual property protection attitudes." One Identity Safeguard automates, controls, and secures the process of granting privileged credentials. Functionally, it acts as a privileged-account credential vault that issues privileged access to admin users via role-based workflows, approvals, and configurable limitations on time-of-use, automated password changes, and many other important factors. Key to

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Safeguard's value is its user-centered design that eliminates the cumbersome nature of traditional PAM solutions enabling privileged access from anywhere and with nearly any device. "I didn't have to stick with One Identity for privileged access management, but I did," said Smith. "Privileged Password Manager is a great product, but One Identity Safeguard really takes it to the next level. It 'GUI-fies' these critical processes and makes it very simple to do what we need to do. Not only is Safeguard easier to use, it also is more comprehensive and has additional functionality that is a very good fit for us. In fact, we planned on a six-week deployment cycle but were able to do it in two weeks – that's a great testimony for the product." Safeguard includes a comprehensive set of privileged

access management capabilities, including:

- Browser and mobile-enabled password release control
- Privileged account discovery
- Simple 'anywhere' approvals of password requests
- Easy integration through a RESTful API
- Role-based activity reporting
- Support for multifactor authentication options

And it's all delivered on an ultra-secure hardened appliance for rapid deployment and maximum protection.

"Safeguard allows us to grant granular access to servers," said Smith. "It's essentially giving the right access to the right people for the right amount of time. And the right time is the critical thing, most people change their administrative passwords every 60 or 90 days. Safeguard allows me to change passwords on a daily or hourly basis, which dramatically reduces the exposure we have for passwords being stolen or misused. Because Safeguard makes it so easy to do the right thing, it makes my job easier. Instead of me having to go and impose security measures, I have them coming to me and asking for it." Driving toward successful outcomes.

Even the best technology can underperform if it isn't surrounded by excellent support, a clear understanding of organization objectives, and the flexibility to do what needs to be done to achieve desired outcomes. "One Identity has superb support," said Smith. "I'm very comfortable with the solutions

they recommend and will deploy more One Identity solutions as I replace other IAM products. They are strategic partners for me. You build trust with technical expertise and the sincerity of the people that are supporting your project. I've found that One Identity is very trustworthy and very professional and that is very important to me."

For organizations like Cavium, cybersecurity is one of the most critical concerns. As the majority of breaches result from a failure in privileged access management, this single aspect of IAM may be the highest priority.

"Having visibility and control over privileged access is one of the most important things that you can do," said Smith. "For anyone that doesn't have some kind of privileged access management in place, I would say it should be one of their top priorities, because once a hacker has gained privileged access, the game is over. A solution like One Identity Safeguard delivers that visibility and control."

About One Identity

One Identity helps organizations get identity and access management (IAM) right. With our unique combination of offerings, including a portfolio of identity governance, access management, privileged management and identity as a service solutions, organizations can achieve their full potential – unimpeded by security, yet safeguarded against threats.

For more information, visit
www.oneidentity.com