

Case Study

Oregon State University Streamlines Password Management With Keeper



Background

Oregon State University is an international public research university serving more than 30,000 students. In addition to the main campus in Corvallis, Oregon, the school has a second campus in Bend, 15 experiment stations and 35 extensions. Oregon State ranks in the top 1% of higher education institutions in the world.

Industry

Higher Education

Employees

4,500+

Solutions

Enterprise Password Manager

- Enterprise
- Platinum Support



The Challenge

Oregon State University (OSU) is a multifaceted organization with facilities across the state. Over the years, quasi-independent IT departments had formed to address the university's growing IT needs. To improve efficiencies and better leverage talent, OSU decided to consolidate these teams into a single unit and standardize processes and procedures.

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Josh Zojonc | Lead Infrastructure Engineer

The consolidation revealed that OSU's IT teams were managing mission-critical passwords in a variety of ways. Some used spreadsheets and freely circulated them among team members for password sharing. Others created shared drives to house passwords, some of which had not been changed in a decade. Still others used simple text files or clunky, single-user applications. As a result, after consolidation, many users could not easily access the systems and information assets they needed to do their jobs.

Josh Zojonc, Lead Infrastructure Engineer, started mapping plans and requirements for a password management system to meet OSU's needs without added complexity. "We wanted it to be simple to manage, yet powerful," Josh recalled. "We were looking for a solution that would operate independent of OSU's network, be fully auditable and and, of course, be as secure as possible."

The Keeper Solution

As part of their due diligence, Josh and his team tested trial versions of several password management solutions. They chose Keeper because it offered unmatched security and the best shared password vault solution to meet OSU's requirements. Keeper also met the team's criteria by providing Two-Factor Authentication (2FA) capabilities, automated complex password generation and password vault access via mobile devices.

We set expectations with users that they'd have a secure and very easy way to share passwords; in other words, a simple solution that didn't get in their way but was very effective. That's what Keeper delivers.

Josh Zojonc | Lead Infrastructure Engineer

Some users take advantage of Keeper's ability to share increasingly popular digital certificates, which are small files installed on a server to allow secure connections from the server to a browser. Others use Keeper to store private keys.

Advanced Security Features - Keeper's robust security measures, including Multi-Factor Authentication (MFA) and end-to-end encryption, ensure that sensitive internal communications and data are protected. The ability to securely and seamlessly share credentials among team members without exposing sensitive data adds an extra layer of protection.

Cost-Effective - No matter the size or type of organization, Keeper has a cost-effective plan to fit and scale with organizational needs. Keeper's transparent pricing model, paired with world-class customer support - ranked #1 in Enterprise Customer Support on G2 - ensures that organizations maximize their investment.

Best-in-Class Security - Keeper's zero-trust and zero-knowledge security architecture is unmatched in safeguarding information and mitigating the risk of a data breach. Keeper combines device-level Elliptic-Curve Cryptography (ECC) with multiple layers of encryption (at the vault, folder and record levels), multi-factor and biometric authentication, as well as FIPS 140-3 validated AES 256-bit encryption plus PBKDF2. Keeper is SOC 2 and ISO 27001 compliant - with the longest-standing compliance in the industry - as well as FedRAMP and GovRAMP Authorized.

Organization Impact

The most immediate and obvious benefit of the Keeper Password Manager was eliminating clumsy, less secure methods of sharing passwords. As a bonus, streamlining password management was one of the simpler parts of the IT consolidation, thanks to the Keeper support staff's efforts during the evaluation, deployment and early-use phases.

The Keeper security analytics scorecard, which tracks effectiveness as the solution is deployed and used, confirmed OSU's security improvements. "Our scores definitely went up," Josh noted. "Now that we have a tool for making regular password changes, we can start incorporating a new password refresh policy into the automation projects we have on the drawing board. Another big benefit is the ability to root out and replace inherently weak passwords, which I know is a major contributor to data breaches."

As an internationally renowned university, OSU needs unmatched data security to protect its employees, students and valuable information assets. Given the rise of cyber threats, organizations must make password management a high priority. Keeper gave OSU an effective, easy-to-implement solution to simplify and streamline password management during a critical organizational change.

Keeper's intuitive interface and ease of use have driven high adoption rates, particularly among non-technical staff. Its user-friendly browser extension simplifies password and passkey management, improving collaboration across departments and reducing friction when accessing shared records.

Keeper offers unmatched security and the best shared password vault solution to meet OSU's requirements.

Josh Zojonc | Lead Infrastructure Engineer



Keeper Password Manager

Most businesses have limited visibility into the password practices of their employees, which greatly increases cyber risk. Password hygiene cannot be improved without critical information regarding password usage and compliance. Keeper solves this by providing ultimate security, visibility and control.

Data is protected with Keeper's zero-knowledge security architecture and world-class encryption. Zero-knowledge means that only the user has knowledge of and access to their master password and the encryption key used to encrypt and decrypt their information.

Keeper is intuitive and easy to deploy, regardless of the size of the business. Keeper integrates with Active Directory and LDAP servers, which streamlines provisioning and onboarding. [Keeper SSO Connect®](#) integrates into existing SSO solutions and is FedRAMP and GovRAMP Authorized.

Keeper is designed to scale for organizations of any size. Features such as role-based permissions, team sharing, departmental auditing and delegated administration, support organizations as they grow. [Keeper Commander](#) provides robust APIs to integrate into current and future systems.

Business Use Cases: Keeper Password Manager

- Prevent password-related data breaches and cyber attacks
- Support passkeys for effortless authentication
- Strengthen compliance
- Boost employee productivity
- Enforce password policies and procedures
- Reduce help desk costs
- Minimize training with fast time-to-security
- Improve employee security awareness and behavior

About Keeper

Keeper Security is transforming cybersecurity for millions of individuals and thousands of organizations globally. Built with end-to-end encryption, Keeper's intuitive cybersecurity platform is trusted by Fortune 100 companies to protect every user, on every device, in every location. Our patented zero-trust and zero-knowledge privileged access management solution unifies enterprise password, secrets and connections management with zero-trust network access and remote browser isolation. By combining these critical identity and access management components into a single cloud-based solution, Keeper delivers unparalleled visibility, security and control while ensuring compliance and audit requirements are met. Learn how Keeper can defend your organization against today's cyber threats at [KeeperSecurity.com](https://keepersecurity.com).

Keeper is trusted and loved by thousands of companies and millions of people globally.



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Over 10 Million Installs