



How **Flo** uses 1Password CLI to automate security

CASE STUDY



Key results

- 1 100% adoption rate secures all entry points.
- 2 Automation has reduced project tasks timelines from weeks to hours.
- 3 Flo can move faster while staying true to their privacy and security principles.



1Password makes complex processes easier and integrates them seamlessly into practice. And, as a result, helps us stay true to Flo's security and privacy principles.

Leo Cunningham

Chief Information Security Officer (CISO), Flo

Background

Since 2015, Flo has been empowering women to put their health and wellbeing first. Their app guides women throughout their lives, providing them with personalized and evidence-based health insights, helpful tools to address women's needs, and support from peers and medical experts.

This razor-sharp focus on women's needs has led to over 160 million downloads and a consistent 4.8-star rating, making Flo the

number one health app for women worldwide. As the company continues to grow, security and privacy remain a central pillar of their operations.

"From day one of Flo, we have been working to create a completely secure product for our users. 1Password helps us with that mission," Leo Cunningham, Chief Information Security Officer (CISO) says.



Harnessing the power of automation to secure infrastructure

Among Flo's top priorities is providing a safe, dependable, and secure space for millions of women. To support that goal, the team embarked on an extensive upgrade to their security systems in 2020.

For the project to succeed, the team needed a secure way to feed passwords for third-party services to the cloud service provider, Amazon Web Services (AWS).

"First, we store all passwords for the third-party services in 1Password. Then, using a dedicated Terraform script, we safely export them into our internal infrastructure," says Dmitry Yackevich, Infrastructure Lead at Flo. The team uses AWS Parameter Store to store internally generated data, like database passwords.

Automating the process using Terraform and the 1Password command-line tool has removed the need for cloud engineers to manually access and import passwords.



The 1Password command-line tool proved the perfect solution. Using it as a secure interface, we could transfer data from specific folders directly to AWS. The data remains encrypted, helping us deliver end-to-end data protection.

Dmitry Yackevich
Infrastructure Lead, Flo

Empowering teams to work securely without stifling productivity

Finding a new password manager that everyone could and would want to use was a critical factor in Flo switching to 1Password in 2019. “Compared to the competition, the simplicity and clean design of the 1Password interface stood out for us. Most importantly, we could see that anyone could easily get the hang of it – not just technical specialists.”

Initially, Flo rolled out 1Password to a small group of administrators and

technical leaders. By the second half of 2019, everyone at the company was using 1Password. “We can simply give access to vaults on a need-to-know basis instead of relying on less secure methods to share passwords,” says Dmitry Yackevich.

Now everyone at Flo can generate strong, unique passwords for all of their accounts with a single click, empowering teams to work securely without compromising productivity.



Now, the process takes place with no human involvement – it’s fast and secure. Without 1Password, we would need to generate a ticket for the project listing all relevant passwords. And several people would need to see that ticket.

Dmitry Yackevich
Infrastructure Lead, Flo



Delivering a world-class, secure experience for customers

As Flo grows, the company needs to deliver the quality and experience their customers expect. To do so effectively, they have to move fast. But cumbersome security procedures and a steadfast focus on privacy can make speed difficult.

“Making the secure by design philosophy work can be labor-intensive,” Leo Cunningham says. New security procedures often bring complex processes to implement, extensive documentation to draft, and an uphill struggle to adoption. That all takes time.

“1Password makes complex processes easier and integrates them seamlessly into practice. And, as a result, helps us stay true to Flo’s security and privacy principles.”

Team members can easily access website addresses, logins, passwords, and even generate one-time passwords – all in one secure place. “Which makes it quick and easy to access any tool or service using 2FA and a strong password,” says Leo Cunningham.

With 1Password, Flo can move faster and more efficiently, helping them deliver the best and most secure experience.

By streamlining internal processes and procedures, 1Password has helped Flo stay true to their security principles. Flo now relies on 1Password as a cornerstone of their security stack that allows them to remain agile, secure, and ultimately provide a safe space for millions of women.





COMPANY

Flo is an AI-powered health app that supports women during their entire reproductive lives – from first men-struation to early motherhood and menopause.

Chosen by over 165 million women worldwide, Flo is the #1 mobile product for women's health.

www.flo.health

INDUSTRY

Health, Technology

USE CASES

1Password command-line tool

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