Brochure

WithSecure™ Elements Cloud Security Posture Management

Manage cloud security posture through identification of cloud infrastructure risks.

Fix cloud misconfigurations quickly

Elements Cloud Security Posture Management (CSPM) helps you to manage the security of your cloud infrastructure through the proactive identification of misconfiguration risks on a regular basis. The solution performs environment scans and completes comprehensive checks for insecure cloud configurations, providing guidance on the remediation steps for the found security issues.

Nowadays, most enterprises operate hybrid, multi-cloud set-ups. These hybrid environments are not only complicated to manage but they are also hard to defend. Although moving to the cloud solves many weaknesses of on-premises setups, the new responsibility that companies face for securing their cloud environment is challenging. The importance of configurations is especially enhanced in the cloud environment, as misconfigurations could mean opening an organization's resource to the internet.

Misconfigurations pose a huge risk in the cloud, as they can easily leave the cloud infrastructure and the data in it exposed to attackers. Moreover, cloud platforms are developed at a very fast pace, which means that some of the new functionality might also expose organizations to new risks. Regulators requesting evidence that security controls governing data in the cloud are working, adds further pressure for organizations.

The risks related to misconfigurations have increased, as cloud attacks are opportunistic – attackers are looking for mistakes. These misconfigurations come in such quantity and variety that they can be hard to detect and manually remediate.

WithSecure™ Elements Cloud Security Posture Management (CSPM) helps organizations to deal with these challenges. The solution brings visibility into your cloud environment and its risks, enabling the management of security posture for workloads running on the most popular IaaS (Infrastructure as a Service) platforms. It gives you instant and constant insights into your cloud misconfigurations and gives you risk-based guidance on how you can remediate these.

Overview

⊘ **Spot mistakes before attackers do**

We cover end-to-end use cases, and make the user's daily job easier with intuitive views summarizing the security posture, and clear flows which focus only on the essentials.
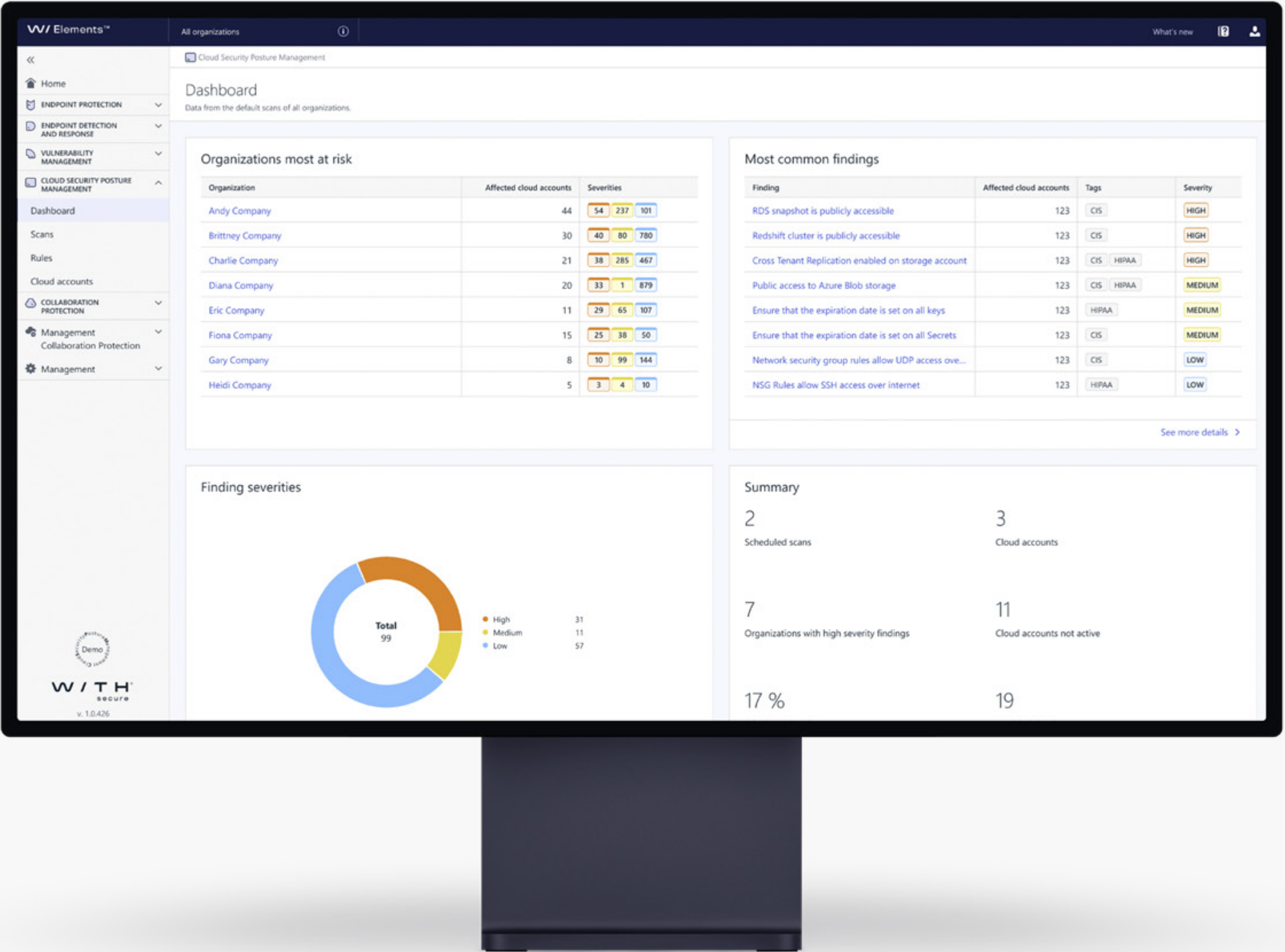
⊘ **Identify misconfigurations quickly**

Just add your account and start scanning. We save customers' and partners' time through enabling efficient detection of misconfigurations. The scans are fast, and you can easily see the evolution of the remediations*.
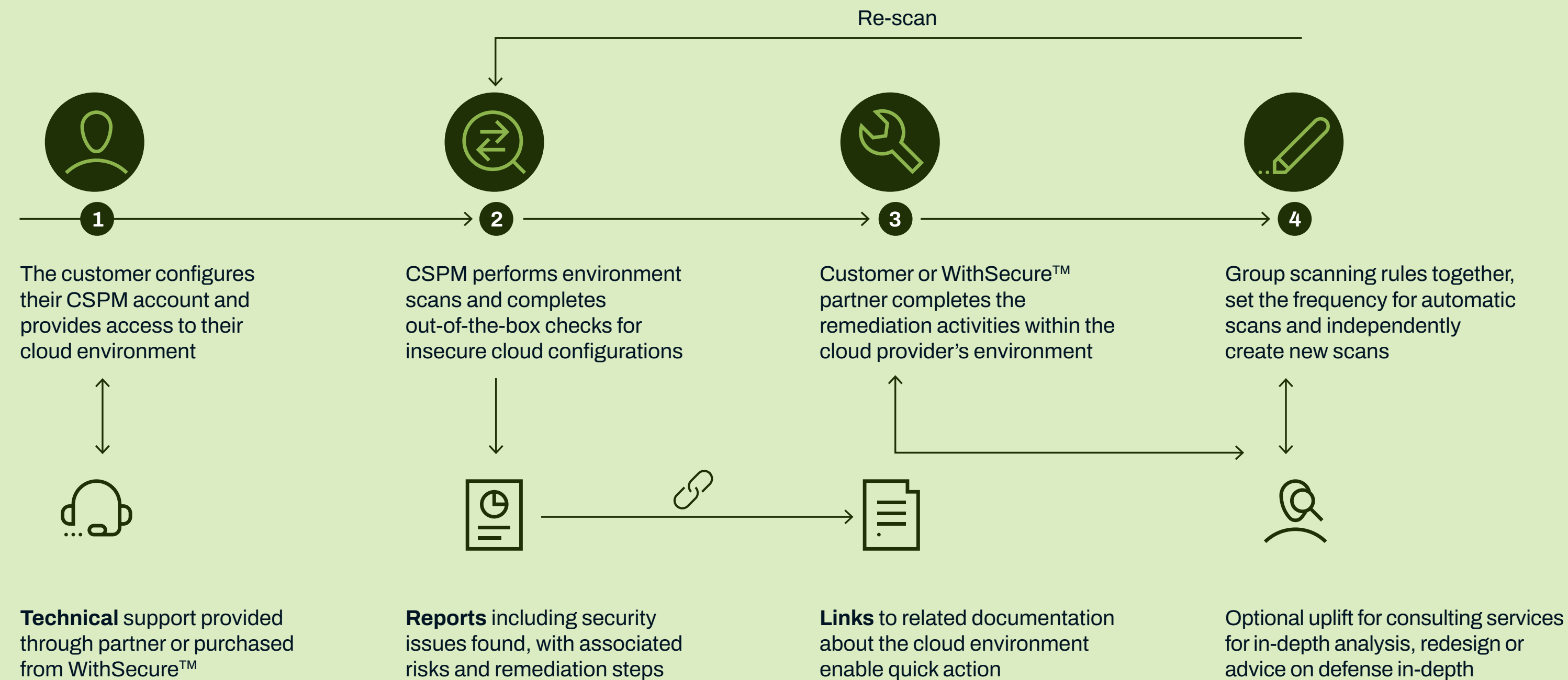
⊘ **Reduce risk, complexity, and inefficiency**

Prioritize remediation efficiently based on risk and effort level. Quickly remediate misconfigurations with helpful, actionable insights. Our visual reporting not only empowers administrators to make the changes that improve security posture the most, but also helps provide evidence to auditors and regulators.

* Evolution based on historical data will be available in
the general availability version, during November of 2023.

How it works

Re-scan

1 The customer configures their CSPM account and provides access to their cloud environment

2 CSPM performs environment scans and completes out-of-the-box checks for insecure cloud configurations

3 Customer or WithSecure™ partner completes the remediation activities within the cloud provider's environment

4 Group scanning rules together, set the frequency for automatic scans and independently create new scans

Technical support provided through partner or purchased from WithSecure™

Reports including security issues found, with associated risks and remediation steps

Links to related documentation about the cloud environment enable quick action

Optional uplift for consulting services for in-depth analysis, redesign or advice on defense in-depth

1. The customer provides access to their cloud environment. CSPM is quick and easy to configure. If technical support for using the solution is needed, this can be provided by the WithSecure™ partner or directly by WithSecure™, for example through purchasing advanced or premium level technical support. Also, Technical Service Manager (TSM) services can be purchased from WithSecure™ for personal advice and support on using the whole Elements environment, including CSPM.

2. WithSecure™ CSPM technology performs environment scans, completes out-of-the-box checks for insecure configurations, and produces reports including security issues found, with associated risks and remediation steps. Moreover, links to relevant documentation about the cloud environment enable quick action.
   • If there are questions about the findings, customers can ask for advice on the report findings by purchasing consulting services from WithSecure™.

3. The customer or WithSecure™ partner completes the remediation activities within the cloud provider's environment.

4. Customers can independently create new scans, group scanning rules together and configure the scans' target accounts, as well as determine used scan rules and scan frequency. Customer can additionally purchase consulting services for optimization of security posture, including in-depth environment analysis, re-design of the environment and advise on defense in depth.

Customers can choose between managing Elements CSPM themselves or purchasing Elements CSPM from one of our trusted partners. Alternatively, customers can outsource Cloud Security Posture Management to WithSecure™ by purchasing it as a fully managed service, as part of our Countercept solution.

How the features work

It can be complex to securely implement your cloud services while taking compliance into consideration. However, with our CSPM solution, you can control your cloud security posture despite the speed, complexity, dynamics, and scale of cloud deployments.

Manage cloud credentials and your cloud security posture from one unified portal along with your existing endpoint security, collaboration protection and vulnerability management products. WithSecure™ Elements Cloud Security Posture Management (CSPM) brings visibility into your cloud environment and its risks. It gives you instant and constant insights into your cloud misconfigurations and gives you risk-based guidance on how you can remediate them.

Set up scheduled scanning of cloud accounts for assessment of the security configuration of cloud resources or conduct scans on an on-demand basis. Apply groups of security rules to your cloud environments.

The scans result in findings about your current security status as well as recommendations for improving your security status. Gain actionable insights of your risk status, prioritize efficiently, and remediate threats based on risk level to bridge security gaps quickly.

Risk severity is calculated and ranked as high, medium, or low. Risk-based guidance to remediate the cloud misconfigurations is offered. Easy-to-read reports visualize cloud security risks and empower correct responses for administrators, as well as help to report on security practices to auditors and regulators. CSPM also enables seeing historical data, and your security posture at a time point in the past*.

* Evolution based on historical data will be available in the general availability version, during November of 2023.
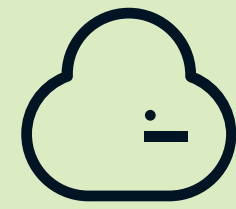
Benefits

Scan regularly

Conduct comprehensive cloud security posture scans that utilize the expertise of our research team about real-world threats.
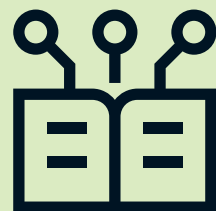
Your cloud – secured

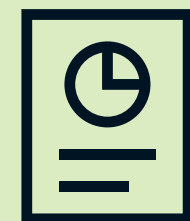Coverage for AWS and Azure cloud platform infrastructures.

Prioritize efficiently

Review our visual CSPM dashboard to see the most important information which requires your attention, in easy-to-interpret graphs.
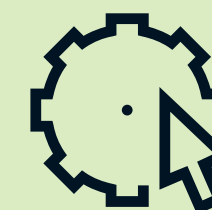
Risk-based guidance

We provide risk information and severity to allow you to understand and assess the risk to your organization.

Simplified reporting

Easy-to-read reports visualize cloud security risks and empower correct response for administrators – as well as help to report on security practices to auditors and regulators.

Consolidated security management

Manage your cloud security posture from one easy-to-use portal along with endpoint security, collaboration protection and vulnerability management.

Feature highlights

Scan and re-scan on a regular basis

Get visibility into your cloud infrastructure risks through the cloud security posture scan. The scan can be scheduled to run weekly, once every two weeks, monthly, or it can be run on an on-demand basis, to give you time between reporting cycles for remediation activities. CSPM provides information to help in prioritization and instructions for fixing misconfigurations based on their risk level. The solution also enables the down-loading of scan results in PDF or CSV format.

Dashboard

A dedicated view where we present the most important information which requires your attention in easy-to-interpret graphs. The graphical format conveys various useful information, like the evolution of security posture over time and different security posture insights*. Find out how the number of findings has changed over time and find the changes in posture to trigger more in-depth investigations*. As a WithSecure™ partner, you can also see which organizations are most at risk and how the security posture has evolved over time* by using different metrics.

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Security posture for workloads on the most popular public cloud platforms

Currently CSPM covers both AWS and Azure. In total for both versions, there are currently around two hundred configuration checks. Our checks are continuously developed along with the evolving cloud environments. The checks have been built based on our cyber security expertise, real customer cases from the consultants within our Solutions unit, and major compliancy frameworks.

MSP and MSSP Partner Support

Possibility for partners, like MSPs and MSSPs, to provide CSPM as a managed service to their customers. Features like Elements Common Scope Selector and CSPM rule templates can help partner administrators to manage many end customers, and to provide various CSPM service levels for different customers.
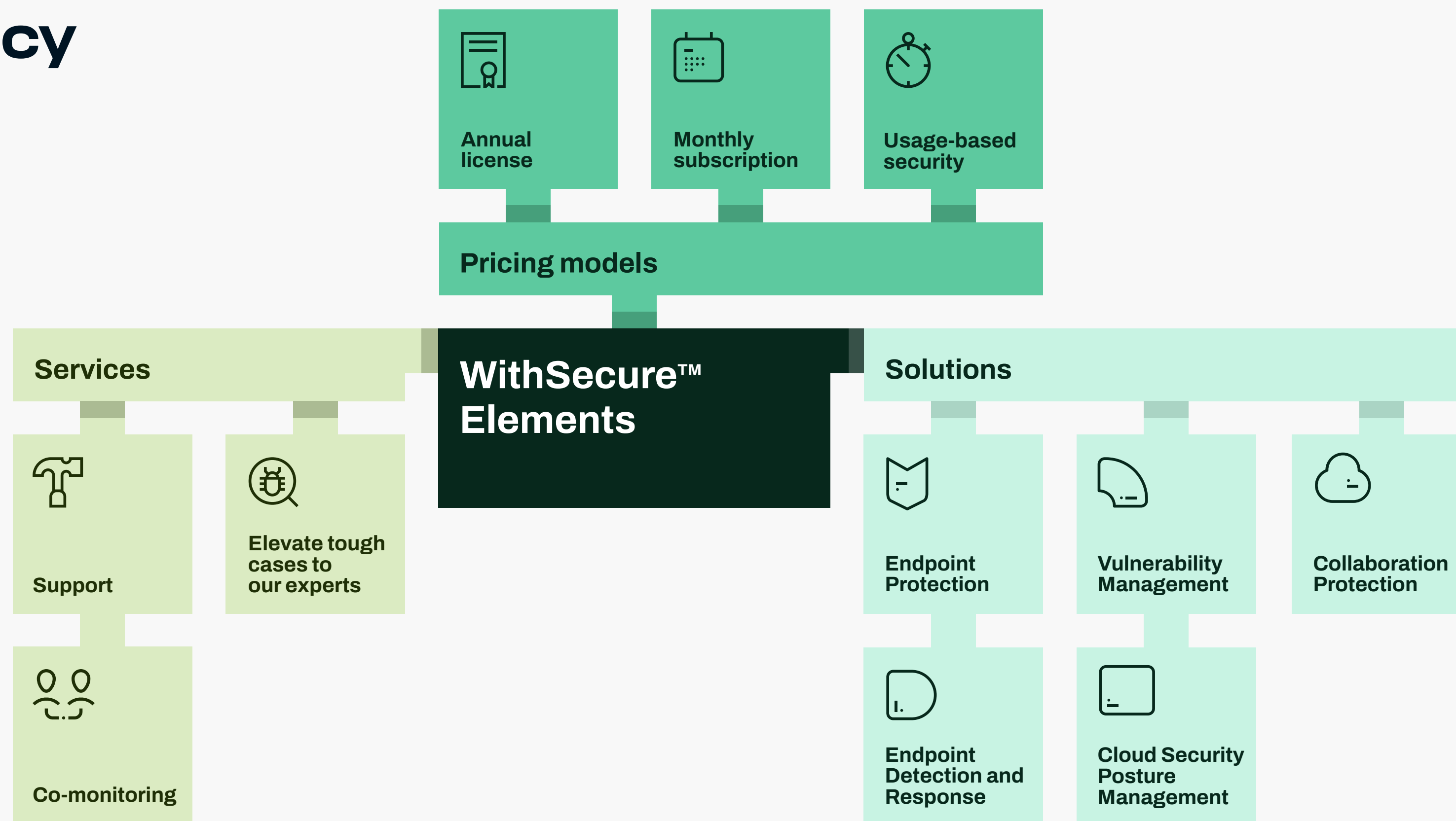
Expertise and research

Our WithSecure™ portfolio means we can draw on our consulting expertise to build checks that add security value based on in-depth client consulting engagements. Our research team has developed the checks based on their threat model, including misconfigurations attacks that are used to gain a foothold into customer environments. The checks include identification of overly permissive IAM privileges, unencrypted data at rest, cloud instances with access to public IP addresses and whether logging is enabled for incident investigation.

WithSecure™ Elements – Reduce cyber risk, complexity and inefficiency

WithSecure™ Elements Cloud Security Posture Management is available as a standalone solution or as an integral capability in the modular WithSecure™ Elements cyber security platform.

WithSecure™ Elements provides customers with complete protection in one unified platform and easy-to-use security center. The centralized platform combines powerful predictive, preventive, and responsive security capabilities into intelligent protection against threats from ransomware to targeted attacks. Our unparalleled simplicity lets customers focus on what is most valuable to them.

At any time, customers can elevate complex and critical cases to our elite threat hunters for investigation and response guidance. Modular product packages and flexible pricing models give customers the freedom to evolve. WithSecure™ Elements can be part of the customer's eco-system. It can easily be connected with their SIEM, SOAR, security management, monitoring or reporting systems.

Try it yourself today

Annual license

Monthly subscription

Usage-based security

Pricing models

Services

WithSecure™ Elements

Solutions

Support

Elevate tough cases to our experts

Endpoint Protection

Vulnerability Management

Collaboration Protection

Co-monitoring

Endpoint Detection and Response

Cloud Security Posture Management

Who We Are

WithSecure™, formerly F-Secure Business, is cyber security's reliable partner. IT service providers, MSSPs and businesses – along with the largest financial institutions, manufacturers, and thousands of the world's most advanced communications and technology providers – trust us for outcome-based cyber security that protects and enables their operations. Our AI-driven protection secures endpoints and cloud collaboration, and our intelligent detection and response are powered by experts who identify business risks by proactively hunting for threats and confronting live attacks. Our consultants partner with enterprises and tech challengers to build resilience through evidence-based security advice. With more than 30 years of experience in building technology that meets business objectives, we've built our portfolio to grow with our partners through flexible commercial models.

WithSecure™ Corporation was founded in 1988, and is listed on NASDAQ OMX Helsinki Ltd.

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