# Harden your attack surface

**WithSecure™ Elements Vulnerability Management**

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# Adversaries don't need many vulnerabilities – one is enough.

- **Every 90 minutes** a new security vulnerability is identified
- **That is an average of 7 vulnerabilities** per asset across a typical IT environment
- **8000 known and disclosed vulnerabilities** each year
- **50-300 critical vulnerabilities** exploitable depending on industry
- **It takes an average of 103 days** until known security vulnerabilities are remediated
- **It takes 15 days** in the average that a vulnerability is exploited

# Vulnerabilities and their exploitation are still the root cause of most breaches

- There are many ways to breach corporate defenses, but web applications are by far the most vulnerable part of your network.
- The majority of exploits are based on vulnerabilities already known to security professionals for at least one year.
- Only constant scanning and ruthless control can help you find vulnerabilities before anyone does.
- Rapidly changing, complex business IT environments lead to a broad attack surface

**That's where WithSecure™ Elements Vulnerability Management comes in.**

# Manage business-critical vulnerabilities

WithSecure™ Elements Vulnerability Management is a turnkey, enterprise-grade vulnerability scanning and management platform.

It combines IT asset discovery and inventory, identification and management both internal and external threats.
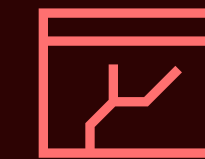
Report on risks and conduct compliance to current and future regulations (such as PCI and GDPR compliance).

Vulnerability Management gives you visibility into shadow IT: map your full attack surface and respond to critical vulnerabilities associated with cyber threats.
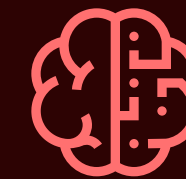
### 1. Explore beyond your network

Identify risks and potentially vulnerable external connections

### 2. Discover network assets

Map all assets on the application layer

### 3. Scan systems and applications

Protect endpoints. Scan assets for vulnerabilities. Scan remote PCs outside your network.

### 4. Manage vulnerabilities

Central vulnerability management and security alerting and forensics

### 5. Assess and verify

Track all changes with PCI-compliant vulnerability scanning

### 6. Report status

Prepare standardized and custom reports on risk and compliance

# What is your attack surface?

The best threat response is to predict and map your cyber security threats. No other technology does that better than vulnerability management.

An organization's attack surface crosses all network infrastructures, software, and web applications internally and in the global Internet. It includes an understanding of all points of interaction.

Information security managers need to be able to approach vulnerability assessment from several perspectives in order to get an accurate assessment of risks, minimize security threats, and maintain compliance.

Unlike any other vulnerability solution on the market, WithSecure™ Elements Vulnerability Management features web crawling technology, called Internet Asset Discovery, that also covers the deep web. Vulnerability Management allows you to easily browse through all targets to quickly identify risks and potentially vulnerable connections, and to expand the possible attack surface beyond your own network.
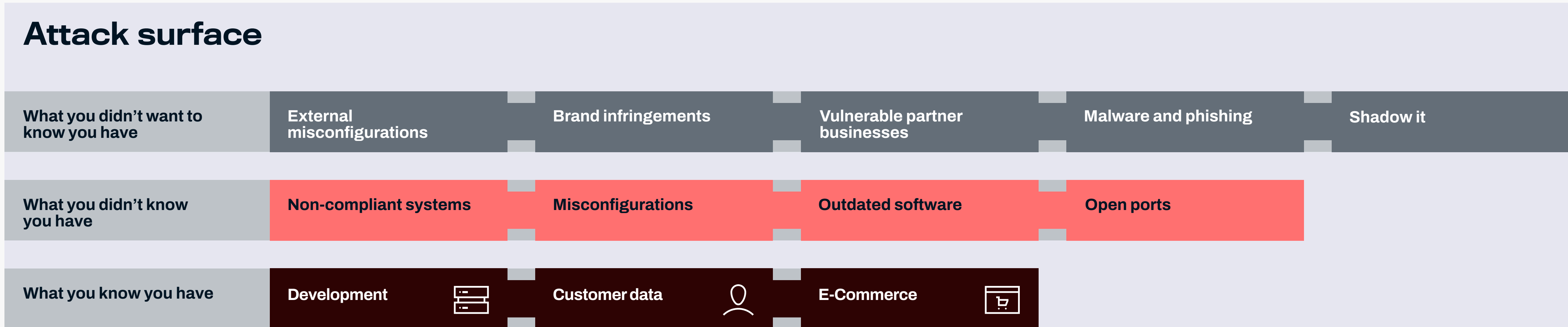
# Identify and expose the possible threats

Successful intellectual property and brands often make companies the target for fraudulent or malicious activities. WithSecure™ Elements Vulnerability Management can generate a threat assessment report of activities including brand violation or phishing sites intended to scam or infect visitors.

Vulnerability Management identifies your organization's assets where they are vulnerable. You can minimize your attack surface while reducing risk.

With Vulnerability Management, your IT security team maps your organisation's attack surface in the aggregate of:

• all known, unknown, and potential vulnerabilities critical to business
• controls across all software, hardware, firmware, and networks
• shadow IT, external misconfigured systems, malware websites, website-linked hosts
• partner and contractor security entropy
• brand infringements and phishing

# The real attack surface

## Attack surface

| | | | | |
|---|---|---|---|---|
| **What you didn't want to know you have** | **External misconfigurations** | **Brand infringements** | **Vulnerable partner businesses** | **Malware and phishing**    **Shadow it** |
| **What you didn't know you have** | **Non-compliant systems** | **Misconfigurations** | **Outdated software** | **Open ports** |
| **What you know you have** | **Development** | **Customer data** | **E-Commerce** | |

# Elements vulnerability management

## Comprehensive visibility

Effective security mapping through precise discovery and mapping of all assets, systems, and applications on the network and beyond.

## Streamlined productivity and security management

Quickly address problems across multiple domains with an efficient service workflow, including vulnerability monitoring, automated scheduled scans, and ticketing for prioritized remediation and verification.

## Reporting on risk

Produce reports with credible information about your organization's security posture over time. Show and justify how IT security enables business continuity.
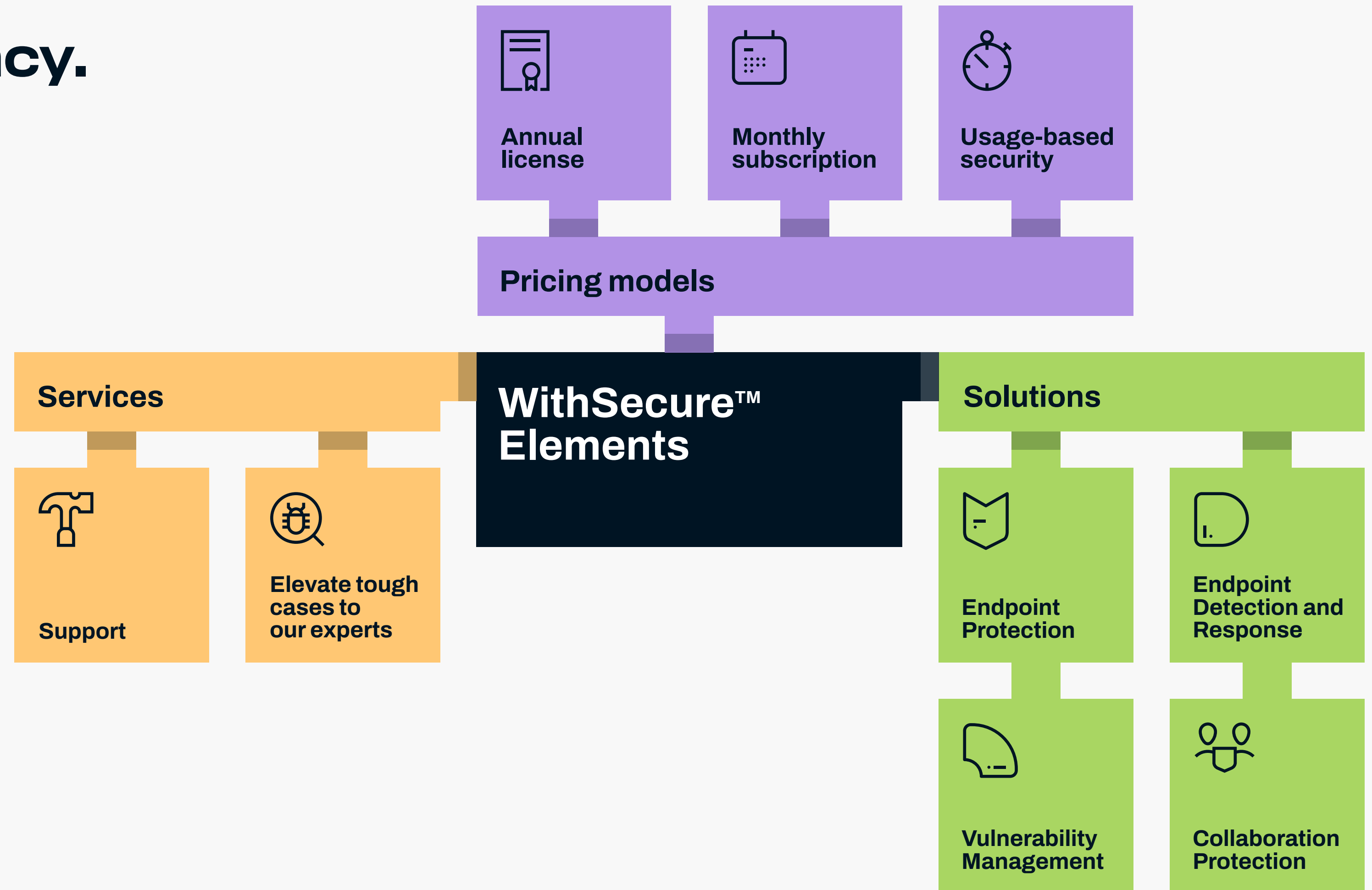
## Reduced costs

Vulnerability management can lower the cost of security significantly. It's less costly to deal with security before serious problems than during a crisis or incident recovery. Additionally, cloud resources allow organizations to lower their expenses.

# WithSecure™ Elements – Reduce cyber risk, complexity and inefficiency.

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

**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**

**Endpoint Detection and Response**

**Vulnerability Management**

**Collaboration Protection**

# Who We Are

WithSecure™ 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 & response is 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™ is part of F-Secure Corporation, founded in 1988, and listed on the NASDAQ OMX Helsinki Ltd.

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