SUNFLOWER

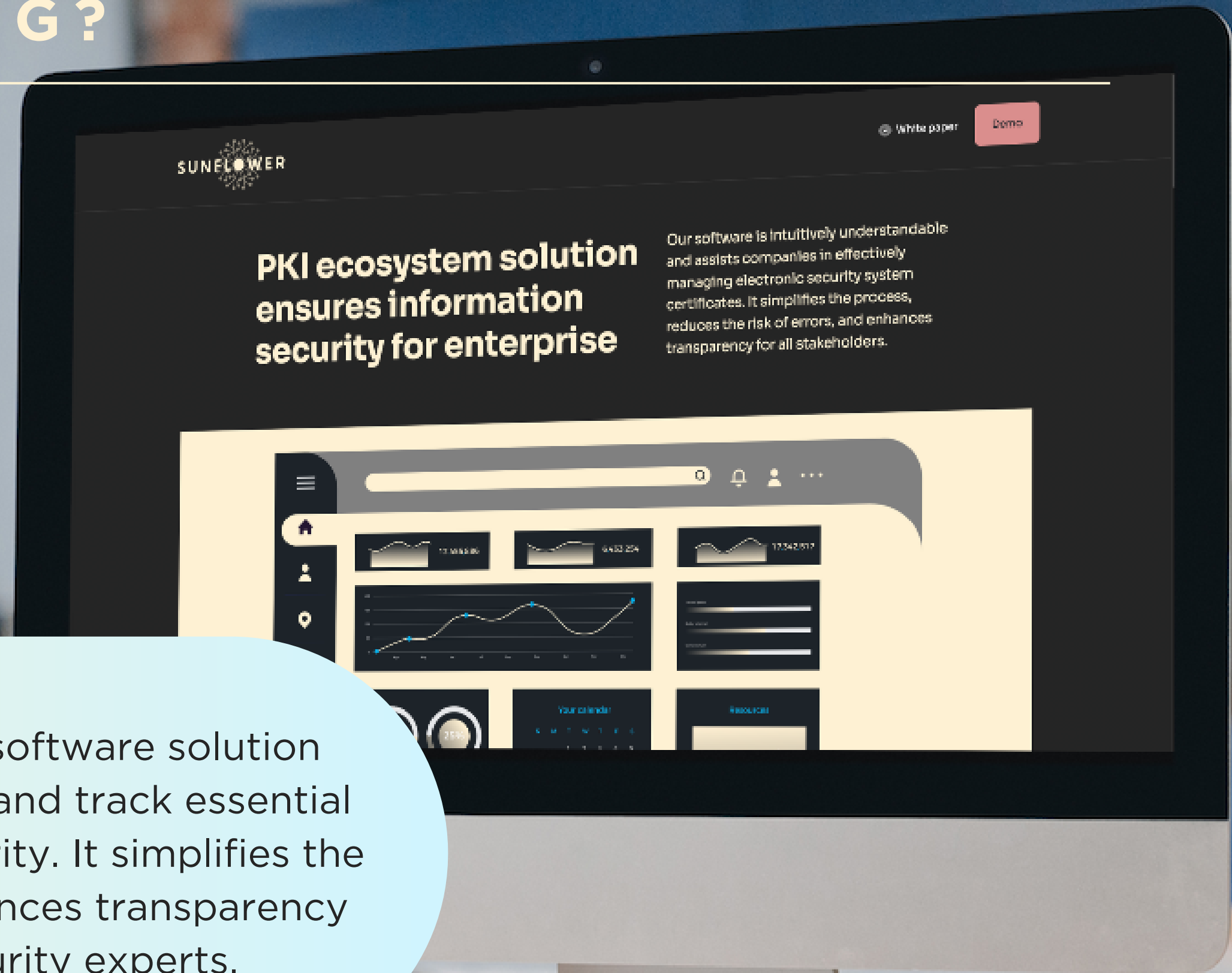## PKI ECOSYSTEM SOLUTION ENSURES INFORMATION SECURITY FOR ENTERPRISE

Kateryna Ovcharenko, Founder

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WHAT ARE WE DOING?

SUNFLOWER

PKI ecosystem solution ensures information security for enterprise

Our software is intuitively understandable and assists companies in effectively managing electronic security system certificates. It simplifies the process, reduces the risk of errors, and enhances transparency for all stakeholders.

We create an intuitively understandable software solution enabling companies to efficiently manage and track essential electronic certificates for the systems security. It simplifies the process, reducing manual errors, and enhances transparency for all stakeholders and not only security experts.

PROBLEM WE SOLVE

Digitalization increases software reliance, amplifying security vulnerabilities. Effective key and credential management is essential but often compromised. Our refined PKI management solution offers heightened efficiency, speed, convenience, and security.

Companies conrerned by key management face the following challenges:

Expensive Licensing

High costs for software licenses.

Outdated Tools

Insufficient security oversight.

Rigid Integration

Compatibility issues with systems.

Specialist Dependence

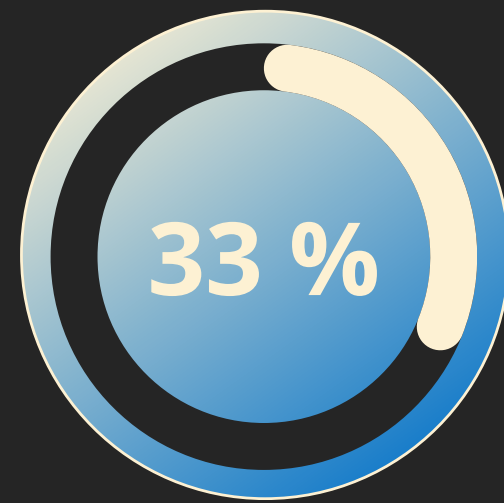High qualification requirements for certificate management.

Manual Management

Labor intensity and errors in certificate management.

Access Challenges

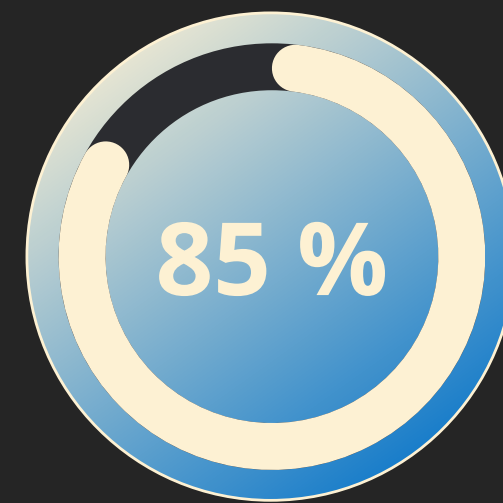Users face issues with retaining and retrieving credentials for systems access.
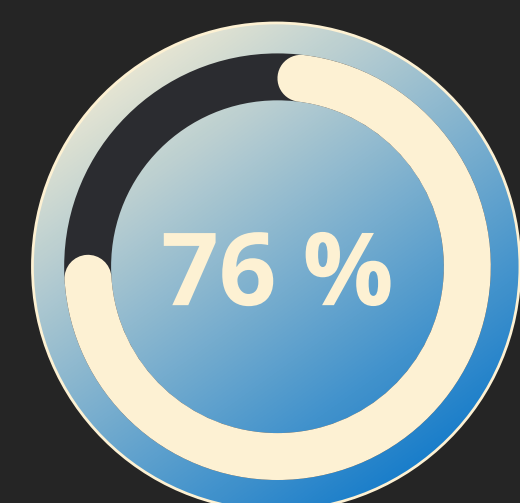
WHY IS IT IMPORTANT?

33 %

global organizations experienced
a cyberattack in 2019
(+36% vs prior year)

$10.5 trillion

forecast costs and
losses related to
cybercrime by 2025,
representing a 15%
annual increase

85 %

share of companies
that are victims of
digital-identity-related
fraud each year

76 %

of companies are not
confident
ex-employees
don't have access
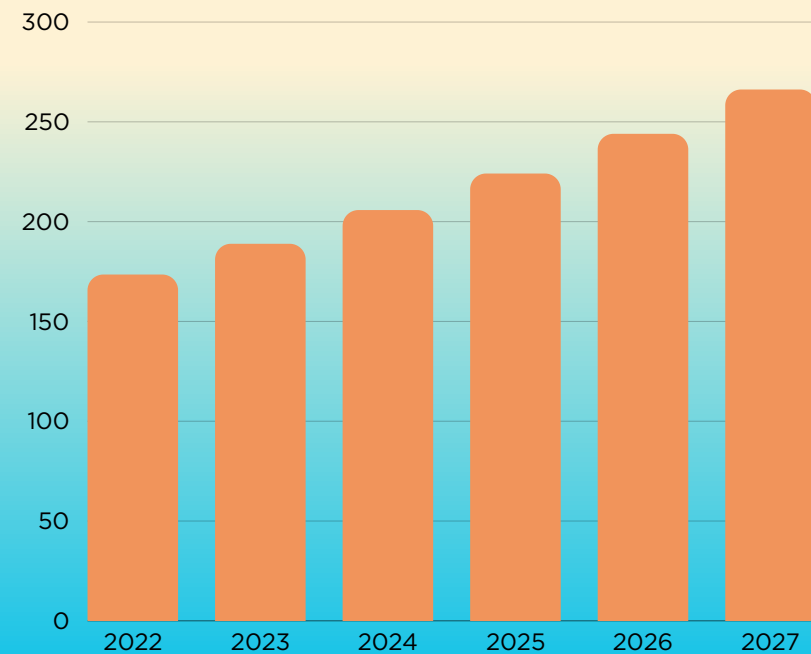to company
infrastructure

*According to the McKinsey Technology Trends Outlook 2022 Report
released in August 2022

CYBERSECURITY LANDSCAPE A GROWING MARKET

Market Value

Cybersecurity valued at $173.5B in 2022, projected to hit $266.2B by 2027 (Markets and Markets)

Rising Corporate Costs

By 2025, a significant increase in spending on services in the field of digital trust is expected, reaching **$101.5 billion**. This reflects the growing need of companies to protect their digital assets and data in the face of intensifying cyber threats.

Trust as a Trend

According to the McKinsey Technology Trends Outlook 2022 Report, released in August 2022, McKinsey identifies trust architectures and digital identity as high-growth technologies in the field of cybersecurity.

TECHNOLOGY DRIVERS

01 **Cloud Adoption**
Cloud technologies bolster the need
for advanced security solutions

02 **Regulatory Compliance**
Tightening regulations amplify demand
for information security products

03 **IoT Expansion**
The rise of IoT underscores the
importance of identity and certificate
management

HOW WE CAN HANDLE IT?

01

PKI solution
X.509 certificate management on premise &SAAS

02

OCSP
enhances business security by rapidly verifying digital certificates in real time, helping to prevent fraud and protect data.

03

Integrations
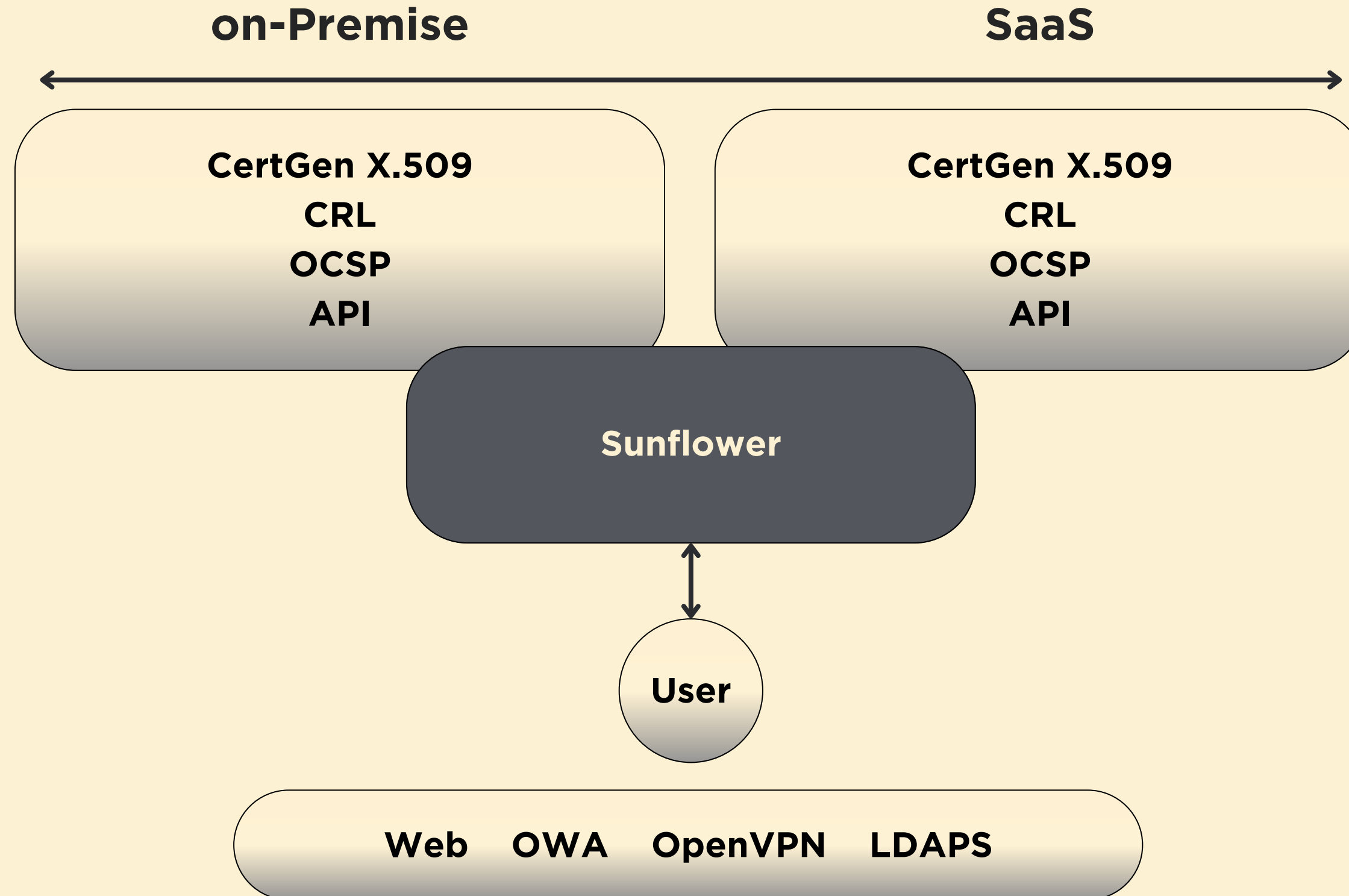Custom solutions for quick and easy service integration

OpenVPN
The integration of OpenVPN with PKI simplifies the management of certificates and keys, enhancing system efficiency, and ensures compliance with strict data security standards, reducing the risks of leaks and breaches.

LDAP
enhances security through strict access control and provides scalability by efficiently handling large volumes of user data

HOW DOES IT WORK?

on-Premise   SaaS

CertGen X.509   **CertGen X.509**

CRL   **CRL**

OCSP   **OCSP**

API   **API**

Sunflower

User

Web   OWA   OpenVPN   LDAPS

HOW WE DIFFER FROM OTHERS?

Open Source

A transparent, flexible PKI solution that can be tailored to enterprise needs.

Visualization Tools

Clear insights into certificate status and usage for effective security management.
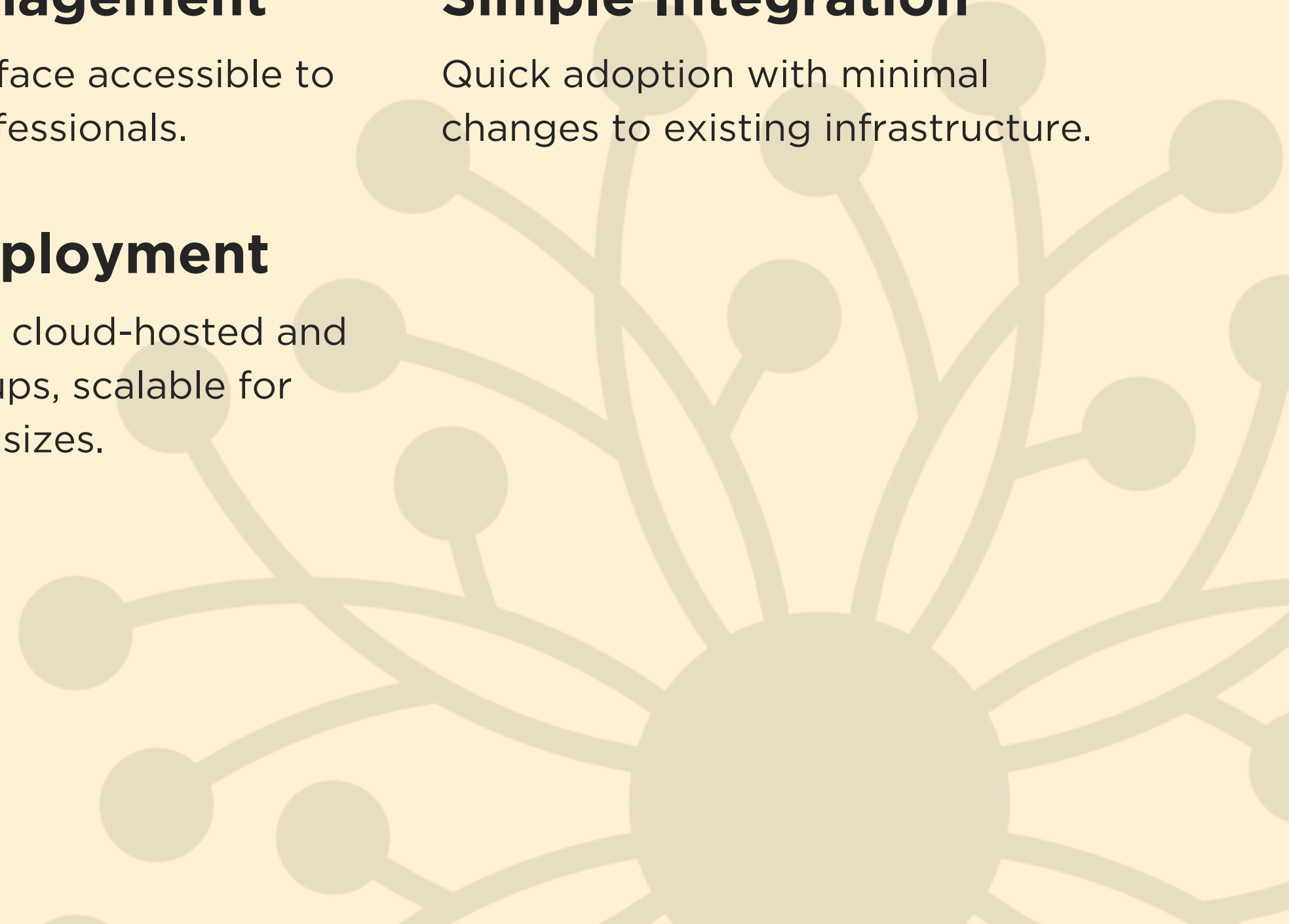
Ease of Management

An intuitive interface accessible to non-security professionals.
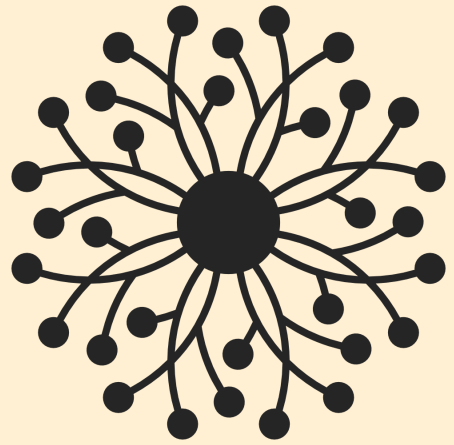
Flexible Deployment

Suitable for both cloud-hosted and on-premises setups, scalable for various business sizes.

Simple Integration

Quick adoption with minimal changes to existing infrastructure.

# OUR CONFIDENCE IN SUCCESS

We are proud of our team. Our team comprises highly skilled professionals with extensive experience in IT and cybersecurity, including experts with more than a decade of experience in IT solution development, project management, sales, marketing and startups. This team setup of guarantees results and problem solving solutions on each stage of our growth.

PROGRESS

From idea to prototype

Assembled a diverse team, tested the hypothesis, refined through market analysis.

The prototype is ready — concise, clear, based on competitor analysis.
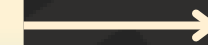
MVP

Created an MVP, focused on the key features, began testing.

Initial tests and internal feedback — MVP is being adjusted.

Integration and Beta

Sunflover + Microsoft/OpenVPN = successful integration.

Vision is clear, beta version plan is in development, feedback is considered.

OUR ROADMAP

Q1 2024

Conducting extensive beta testing among a sample of current client.

Q2 2024

Release of the full version of the product, targeting corporate clients.

Q3 2024

Development and implementation of integration tools to streamline product deployment into corporate systems.

Q4 2024

Develop additional modules and functionality based on user feedback.

Q1 2025

Initiate partnerships with leading IT companies to expand market reach.

WHAT ARE WE LOOKING FOR

Partners

We're seeking collaborative partnerships to enhance our market reach and innovate together.

Clients

We aim to connect with forward-thinking clients who are ready to strengthen their security with our cutting-edge PKI solution.

Support

We are looking for support from industry leaders and investors who share our vision for a more secure digital future
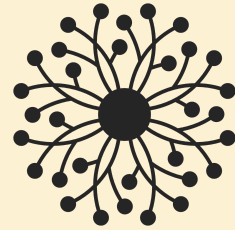
JOIN US IN OUR CYBERSECURITY JOURNEY

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Our slogan is

follow the client follow the sun

Like the sunflower that turns towards the sun, we strive for a continuous pursuit of our clients' needs and expectations.

Thank you!