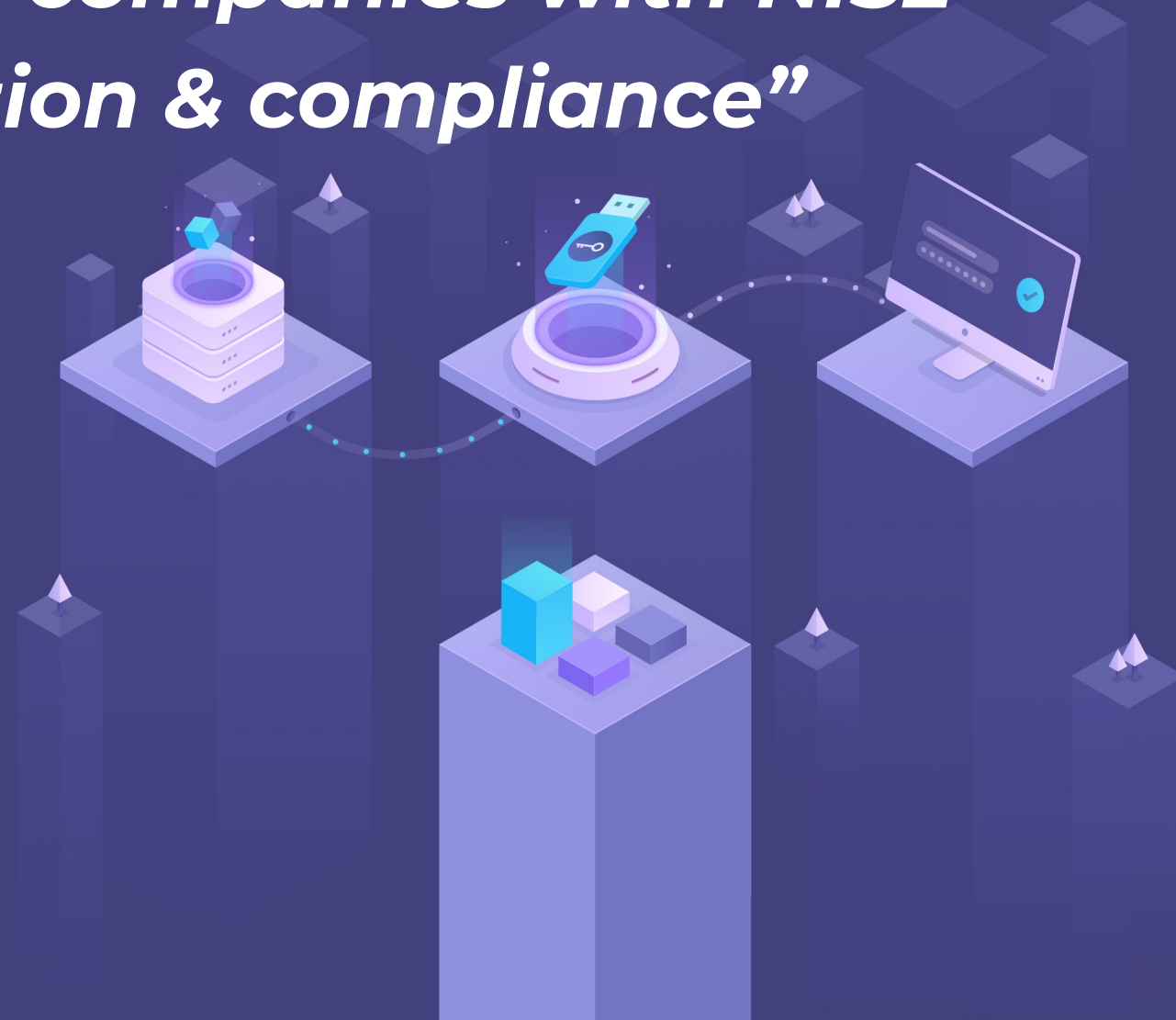# Revolution in Authentication:
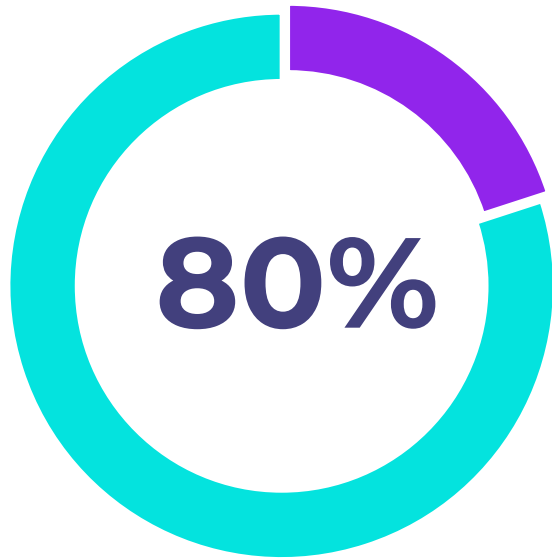
"How SECFENSE helps companies with NIS2 directive implementation & compliance"

Aleksandar Brdar, VP of Partnerships & Alliances
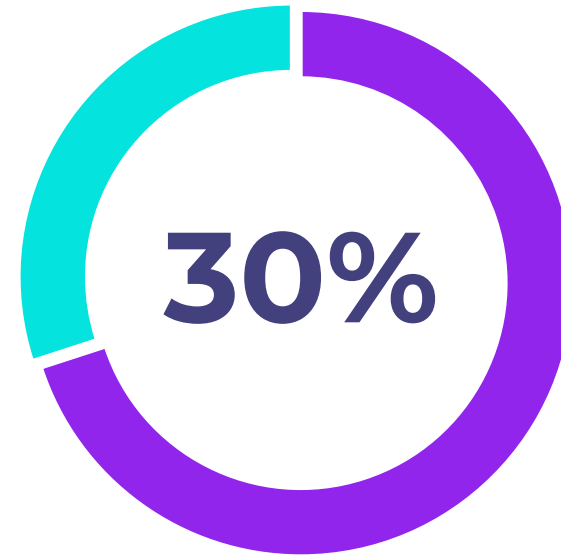E-mail: aleks@secfense.com

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fido **ALLIANCE**

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The data is clear

80%

Incidents begin with an account takeover

30%

Intrusion comes from inside the organization

Strong authentication in all applications!

DORA

Article 8
Protection and Prevention

4. As part of the ICT risk management framework referred to in Article 5(1), financial entities shall:

(d) implement policies and protocols for strong authentication mechanisms, based on relevant standards and dedicated controls systems to prevent access to cryptographic keys whereby data is encrypted based on results of approved data classification and risk assessment processes;

NIS 2

Article 21

Cybersecurity risk-management measures

2. The measures referred to in paragraph 1 shall be based on an all-hazards approach that aims to protect network and information systems and the physical environment of those systems from incidents, and shall include at least the following:

(j) the use of multi-factor authentication or continuous authentication solutions, secured voice, video and text communications and secured emergency communication systems within the entity, where appropriate.

Integration challenges

Deployment of MFA solutions has too much friction, because of:

1. MFA rigidly fixed to the application

2. High complexity of IT environment (cloud, on-prem etc.)

3. Limited compatibility -> protection (presence of old legacy apps)

4. High engineering engagement -> cost & time

5. Long implementation/onboarding process

How SECFENSE disrupts Authentication industry?

Streamline FIDO2 or any other strong authentication method implementation:

◆ across the board

◆ for any workforce application

◆ independently of the user identity source

No coding is required to upgrade any app in minutes.

No third-party code in the protected applications

No vendor-lock

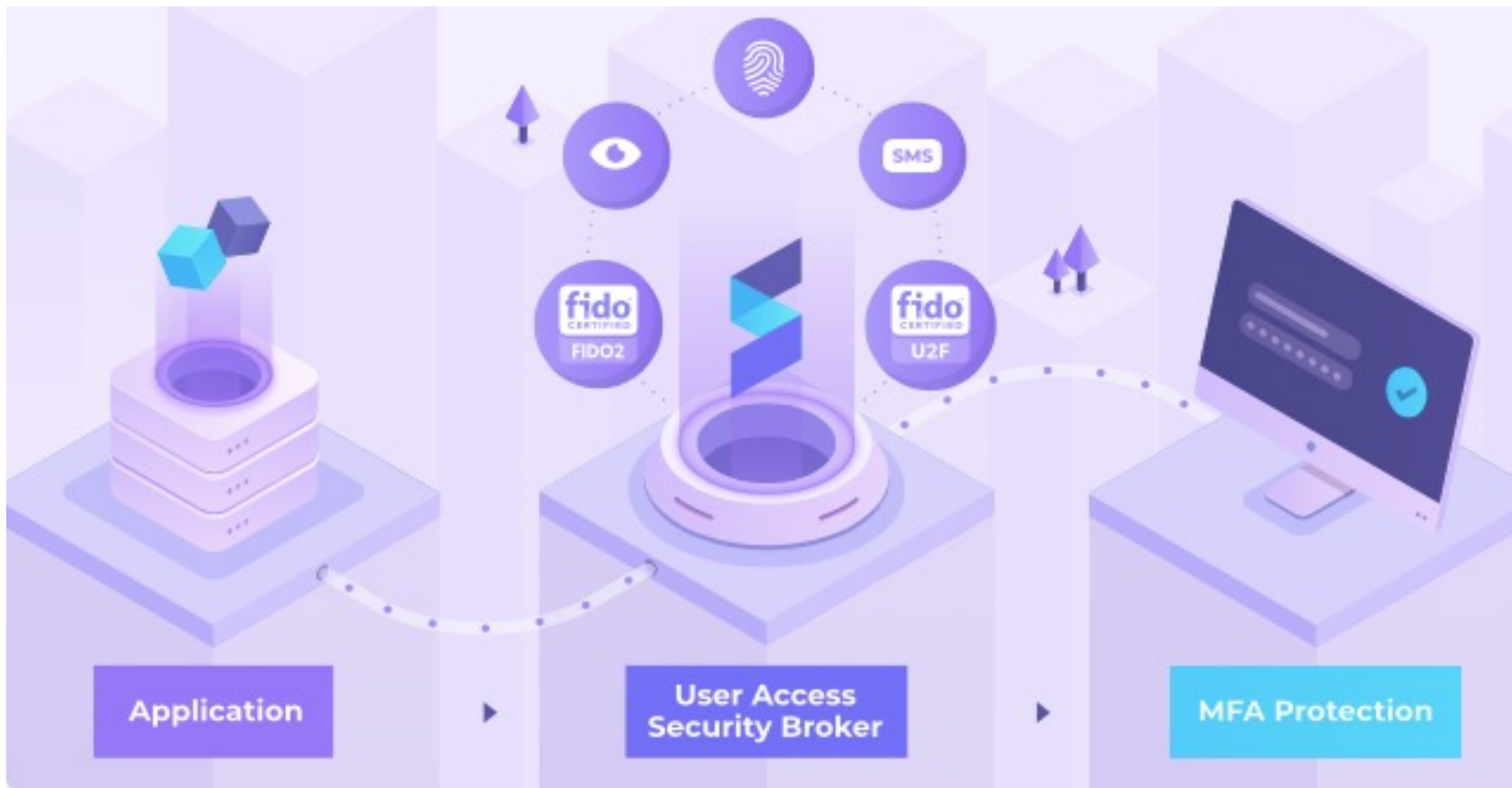**Protect even your legacy applications** as simply as never before

Manage Centrally user access security services

Deploy incredibly fast without adding complexity

How it works?

SECFENSE

Case study BNP Paribas

Challenges:

BNP Paribas group is an organization built from numerous mergers. The bank owns:
- +160 critical systems, many of which are legacy systems
- +70 of them with direct access to the internet.

The bank was looking for a new way to introduce **MFA globally, without touching** protected applications code, and with an option to **leverage existing MFA** methods that were already in place.

Solution:

Thanks to introducing Secfense broker BNP Paribas:

- leveraged all currently used MFA methods
- **Reduced** IT specialists engagement **by 82%**
- **Reduced the cost by 87%** of MFA implementation & integration
- MFA-protection **increased by 43%** including difficult to integrate with MFA legacy applications
- **Reduced** software developer engagement **to 0**

Case study BNP Paribas - in figures

Specialists' involvement in the project (man-days)

	Prediction based on market products	Secfense implementation result
Developers	1 600	0
DevOps	160	40
Senior Security Specialists	160	40
Junior Security Specialists	320	320
	2 240	**400**
Developers	$640 000	$0
DevOps	$88 000	$22 000
Senior Security Specialists	$96 000	$24 000
Junior Security Specialists	$64 000	$64 000
	$ 888 000	**$ 110 000**

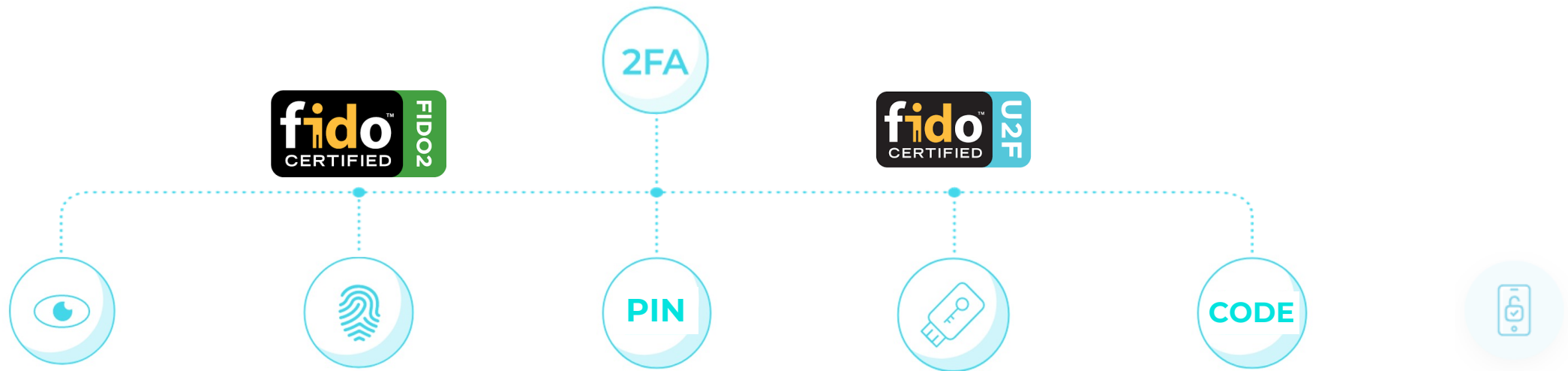**Assumptions to the cost analysis:**

Client's expectations:
- 160 applications need to be protected
- Half of them need to be modified by developers (i.e., legacy applications)

Resources costs (per man-day):
- Developer — $400
- DevOps — $550
- Senior Security Specialist — $600
- Junior Security Specialist — $200

The cost saving with Secfense's implementation: $778 000

Any second factor!

SECFENSE

Notable partnerships

yubico

SECFENSE

fido™
ALLIANCE

American
Bankers
Association.

EY

NVIDIA.

Want to learn how SECFENSE can help your company directly?

---→ Contact us & Schedule a DEMO!

Thank you!

Aleksandar Brdar, VP of Partnerships & Alliances
E-mail: aleks@secfense.com