

Cloud Native Security

Cloud Journey



Agenda



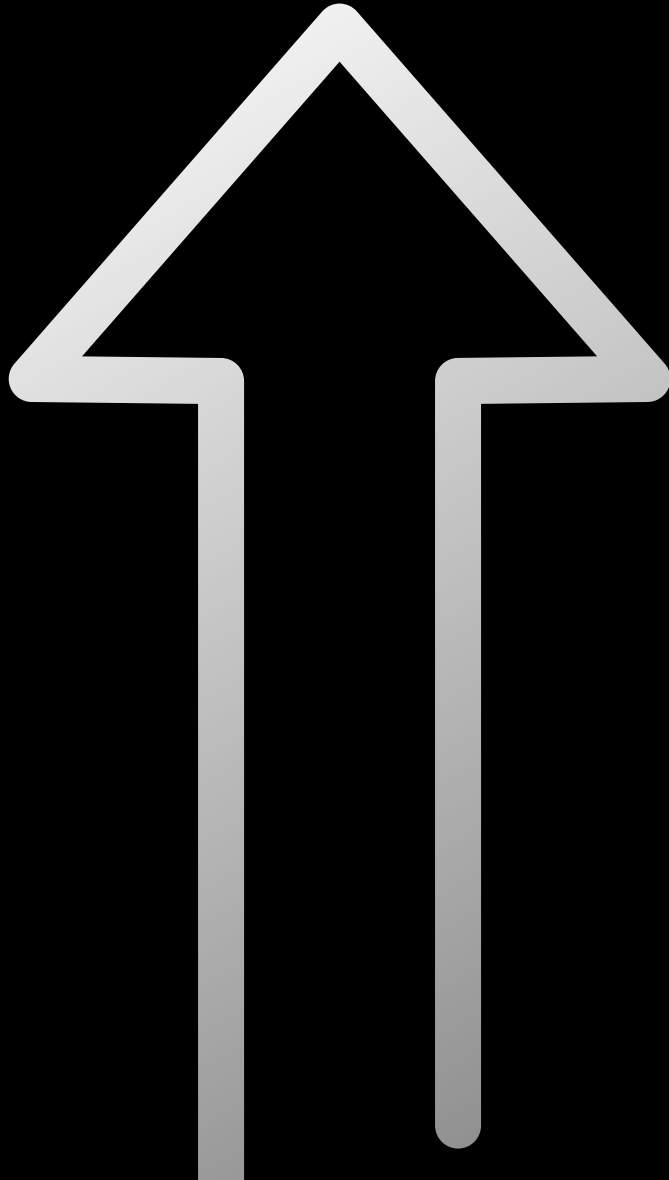
- SORINT.lab @ a Glance
- Overview
 - A raised concern
 - Cloud native vs traditional
- Sorint's Tailored Journey
 - The make it model
 - Instantiated from
 - Experts Involved
- Success Stories
- Bonus slide - Related by Sorintains
- Going Forward



Is behind many prominent entities
leading their industry. Assured!

98%

customer retention rate



Customers

By industry



Banking & Finance



Energy & Utilities



Telecommunication



Government & Public Services



Transportation & Automotive



Healthcare



Technology & Services



Industrial & Manufacturing



Entertainment

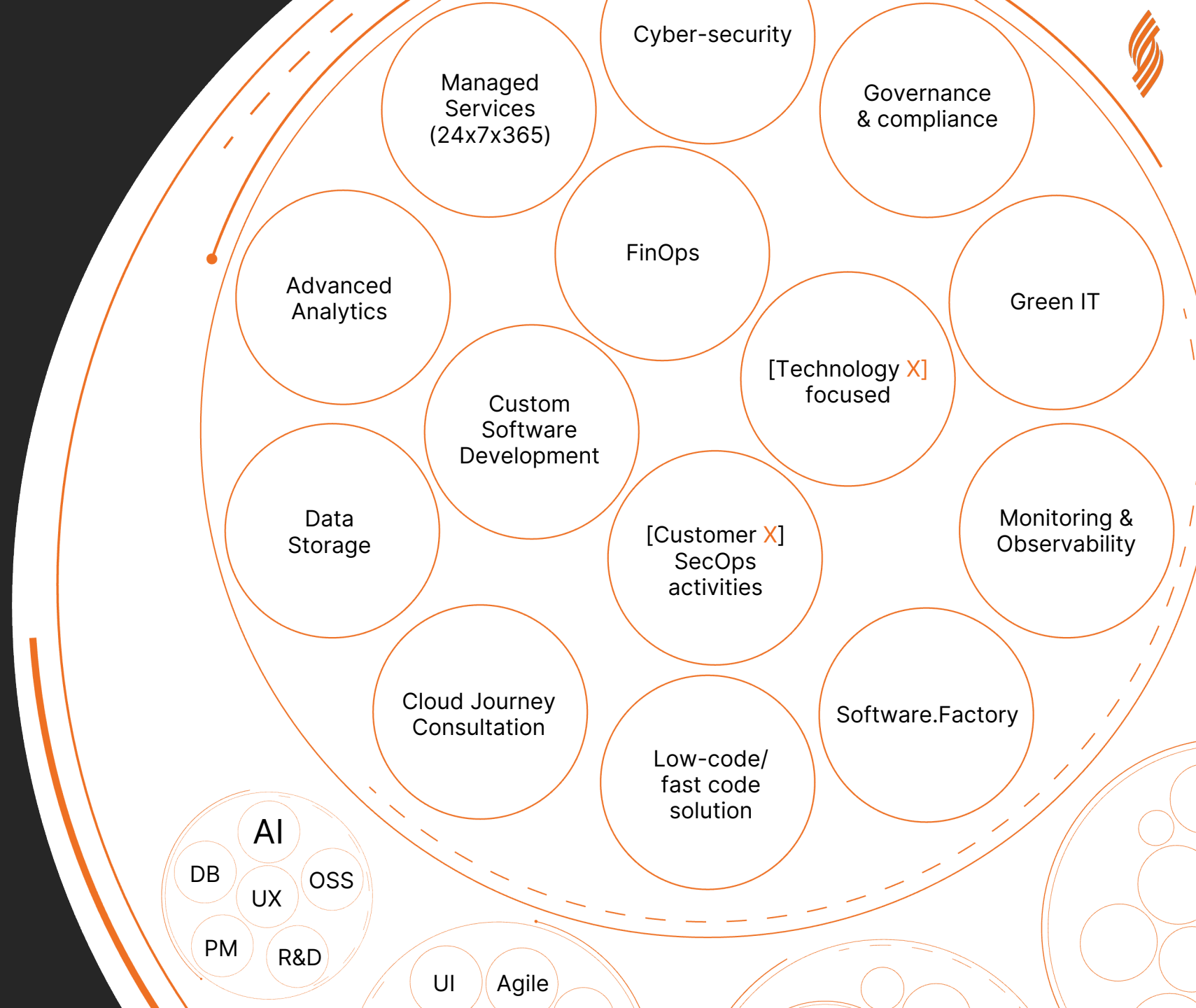


Tackling Challenges Together

A journey characterized by:

- Enabling customers to focus on core business.
- Secured solutions built upon best fitting technologies, practices, & latest findings.
- Quality, & cost optimization.

We harmonize passions!



SORINT.lab – IT Consultancy

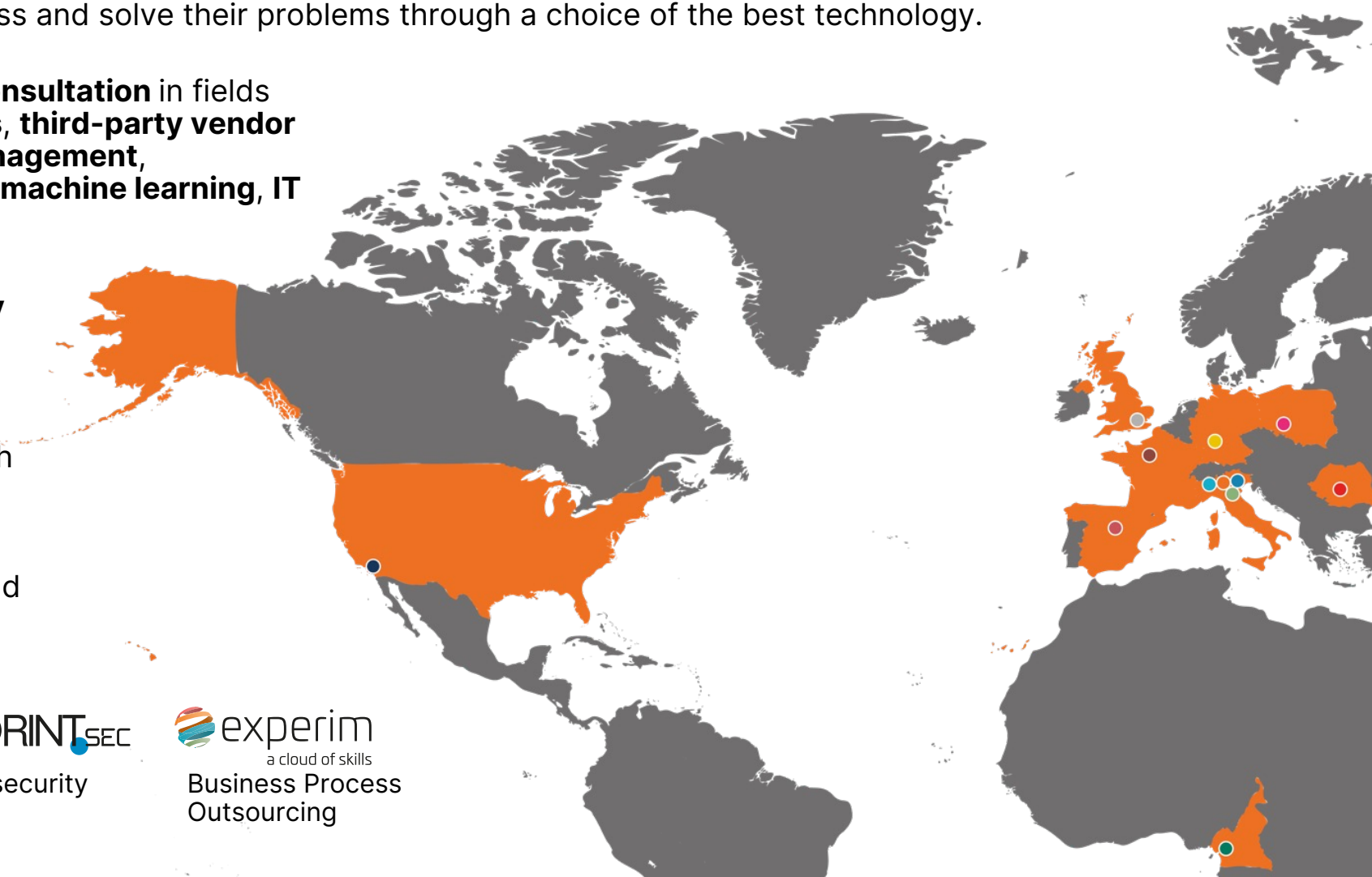


We believe in technology that fosters **innovation and human wellness**. Our commitment towards every company, institution or community is to help them run their business and solve their problems through a choice of the best technology.

Providing **digital technology services & consultation** in fields of **software development, cloud solutions, third-party vendor solutions, cybersecurity, data centre management, management of daily IT operations, data, machine learning, IT recruitment** and **professional education**.

Delivering services ranging from **discovery and implementation** to **full support**.

SORINT provides IT services to prominent entities in Europe, USA, and Africa. Through a workforce of **1.5K professionals** and a presence spanning **17 offices** located in Italy, Spain, United Kingdom, Germany, France, Romania, Poland, United States, and Cameroon.




IT Consultancy


Advanced Analytics
Solutions


Cybersecurity


a cloud of skills
Business Process
Outsourcing

Let's Tackle Your Next Challenge Together

“SORINT.lab is a company that's easy to do business with...”

A well-known testimonial from a customer



Education

>40K

Training hours per year

130+ entities

Certification. Foundation to trainer level

Methodology

Vendor independent

Unbiased transparent consultancy

Project management

Prince2, PMI, Agile, SCRUM/UX

ISO compliance

27001, 20000 9001, 14001

Experience

250+ large enterprises

Prominent entities in Europe, US, and Africa

>1K case studies

Tailored journeys documented



Euronext Group's ELITE SME network

The Make IT Model

Our philosophy towards journeys



Cloud Native Security

Digital Technology Service

- Containerization is the practice of deploying and managing applications and all the dependencies within an isolated environments.
- Strategies, practices, & tools to safeguard the containerized applications and the underlying environment from potential cybersecurity threats and vulnerabilities. Plus, continuous monitoring.
- Resulting in a solid supply chain security architecture across all layers. E.g.

● Infrastructure layer

● Storage

● O.S

● Application layer

● Runtime/Platform layer

● Network layer

- On private and public cloud environments.

70%

In 2022, year-over-year inquiries on CNAPP (Cloud Native Application Protection Platforms) increased 70%.

*Gartner March 2023

A Raised Concern

The need of container security



Container environment are rapidly moving to production

In 2021, less than 40% of global organization ran containerized applications in production.

90% by 2027

The attack surface is increasing

Attackers are targeting the misconfiguration of cloud infrastructure (network, storage, identities and permissions), APIs and the software supply chain itself. Gartner 2023

Knowledge & Awareness

K8s abstracts container networking, trading off the network security.

Tools

Traditional tools do not work with containerized environment. New tools and practices emerge every day.

Cloud Native vs Traditional

Cost of dynamic approach



Traditional relied on perimeter model

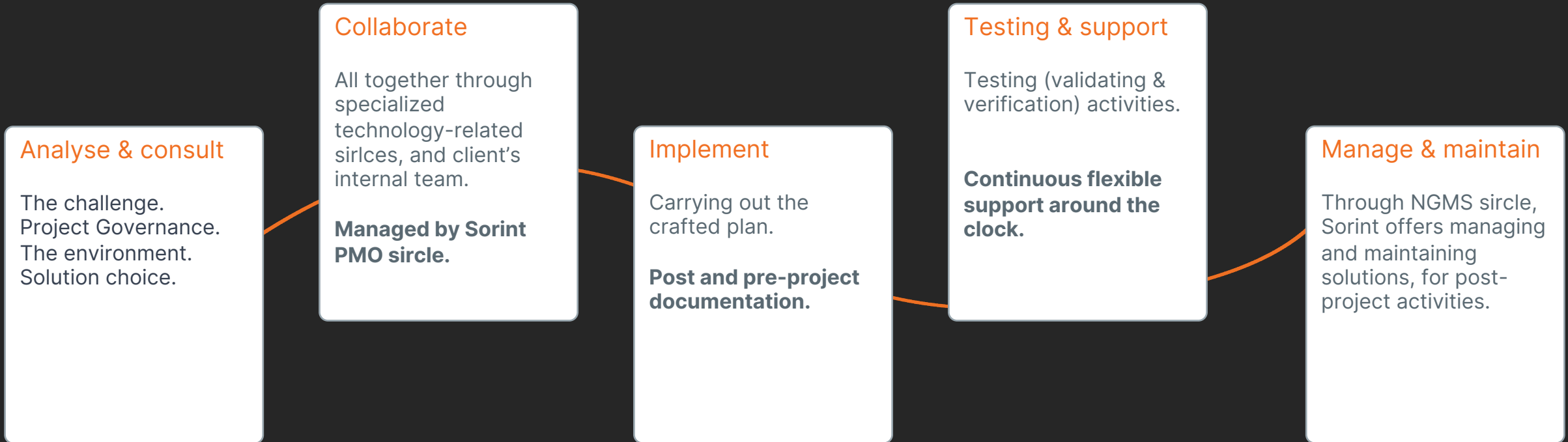
Firewalls, intrusion detection/prevention system, demilitarized zones where almost enough to protect from external attacks.

Cloud is thoroughly connected flow of layers

- Vulnerabilities may infiltrate ,or become exposed, on the pipeline at any stage **e.g. (Registries, misconfiguration, lack of integration)**
- Introduction to new attack surfaces **e.g. (K8s, Docker, Istio, tools, utilities, container hosts, registries)**
- Inadequate protection in production environment. **E.g. (Container exploits, zero days)**

SORINT.lab's Tailored Journey

The make it model



Striving for nothing short of a perfect solution and a well-defined roadmap



SORINT.lab's Tailored Journey

Instantiated from

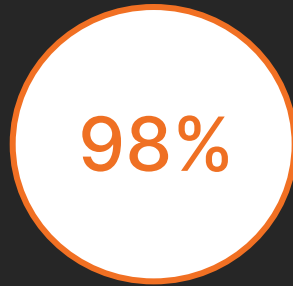
Every journey is a unique challenge, but our know-how:



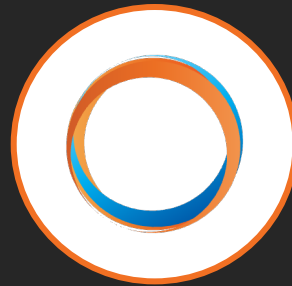
Executed countless projects in the field to prominent entities in Europe, US, and Africa.



For various industries



Customer retention rate



Dedicated circles specialized in given fields and technologies



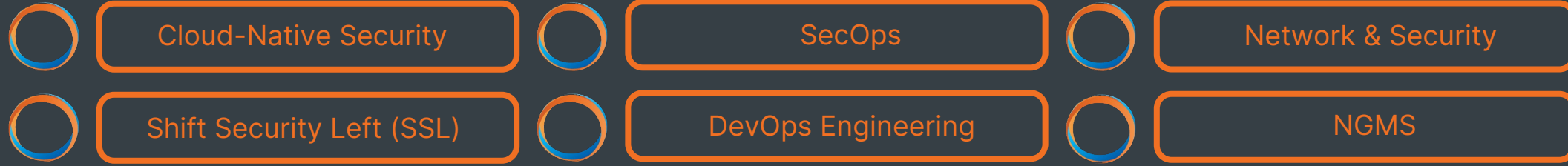
Highest certification in various fields and "Training Partner" to some vendors



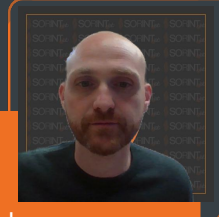
Expert PM with technical background ensuring project's objectives are met



Experts Involved



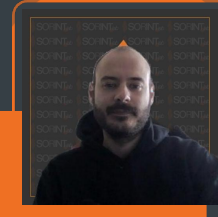
Senior masterminds



Maurizio Pagani

Head of Cloud-Native Security | System Architect

+10 years of experience in IT security, expert in SELinux



Manual Salvi

Security Consultant | Software Architect

+10 years of experience in both application and infrastructure design



Cesare Pizzi

Reverse Engineer | Incident Responder | Opensource Developer and Contributor

CTF player, trainer, regular speaker at DEFCON, Insomni'hack, Nullcon

Some prestigious certifications



Closer Look

Areas and field of focus



Project-based	Consultancy	Staff Augmentation
<p>Analysis, architect, consultant, and implement.</p> <p>Tailored proposals. Based on project and client's needs.</p>	<p>Where our security experts advise and hand-on workshops, training, knowledge, solutions, assess the security posture and much more.</p>	<p>Offer experts in given fields or technologies.</p>

Success stories



Delivered by: SORINTians



Confidential

A Global known Transportation and Aviation Entity Introducing a New Tool and Integration

Challenge

Client faced several challenges with the current endpoint container security solution. Both on functionality and administrative levels.

- Pre-defined infrastructure.
- Running two OS. Linux and Windows.

Going forward

Analysing and understanding the infrastructure

Accepting the challenge - Solution and Implementation

For its centralized administration console and its powerful integration with vSphere virtualization systems. It was decided to integrate the infrastructure with Carbon Black Workload Protection.

The solution's has various pros. E.g.

- Solid compatibility integration with vSphere.
- Enables security operators to handle potential threats and security notification from a centralized console.

Result & delivery

- Installed and integrated the new solution.
- Secured and centralized the monitoring of 500 systems with Carbon Black.
- Carried out test through injecting both OS with malware. All successfully identified.
- Alignment workshop with client's team.
- Single product with no extensions was a major success to client's needs.

[Floatingpoint.sorint.it](https://floatingpoint.sorint.it)



Bonus Slide

Related Solutions and Tools by SORINTians



Modern Infrastructure Digital Technology Services

From traditional infrastructure to a modern approach. Entails aligning with the latest industry standards, best practices, and business needs. Activities vary from server creation , consolidation, patching services, migration, automation and much more.

[Inquire](#)



NGMS Core IT Service

Remotely manages IT infrastructures ensuring the correct functionality, support for vendor and Open-source products. Reducing response times to new problems. Speed, flexibility, method and technical preparation are part of our DNA.

[Inquire](#)



DevOps Engineering Digital Technology Services

Advanced set of practices, tools, and technologies that power automation throughout the development, testing, and deployment phases.

[inquire](#)

Going Forward

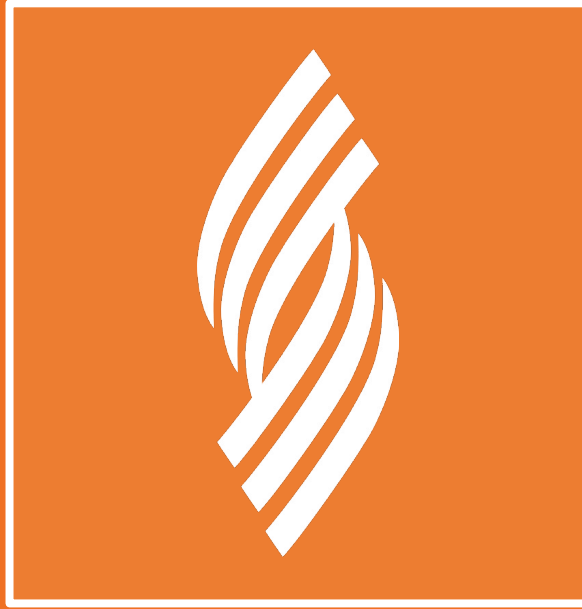
How we can move forward from here

One hour
workshop

Read more on
/sorintlab



Alternative
approach



BUILDING GREAT
TECHNOLOGY



IT | ES | UK | DE | US | FR | PL | CMR | RO