



BUILDING GREAT TECHNOLOGY

# Custom Software Development

Software.Factory



# Agenda



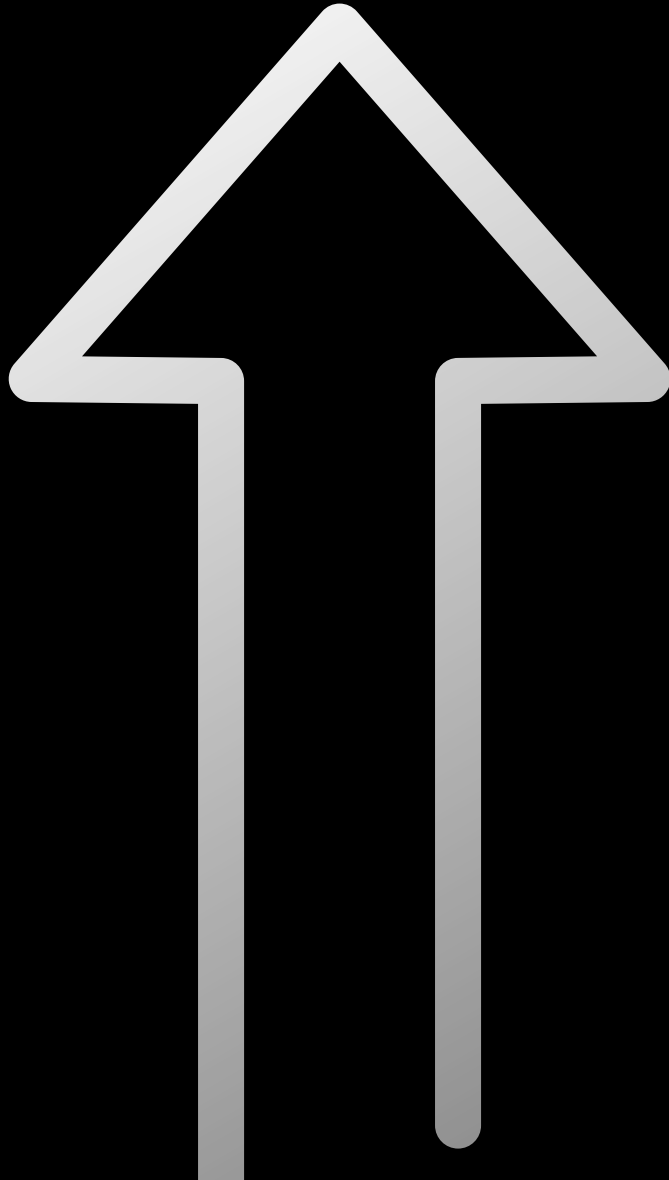
- SORINT.lab @ a Glance
- Overview
- Sorint's Tailored Journey
  - The make it model
  - Some of ours - open-source
  - Solutions we are proud of
  - Experts Involved
  - Some prestigious certifications
  - Closer Look
- Success Stories
- Bonus slide - Related by Sorintains
- Going Forward



Is behind many prominent entities  
leading their industry. Assured!

**98%**

customer retention rate



# Clients

By industry



## Banking & Finance



## Energy & Utilities



## Telecommunication



## Government & Public Services



## Transportation & Automotive



## Healthcare



## Technology & Services



## Industrial & Manufacturing



## Entertainment

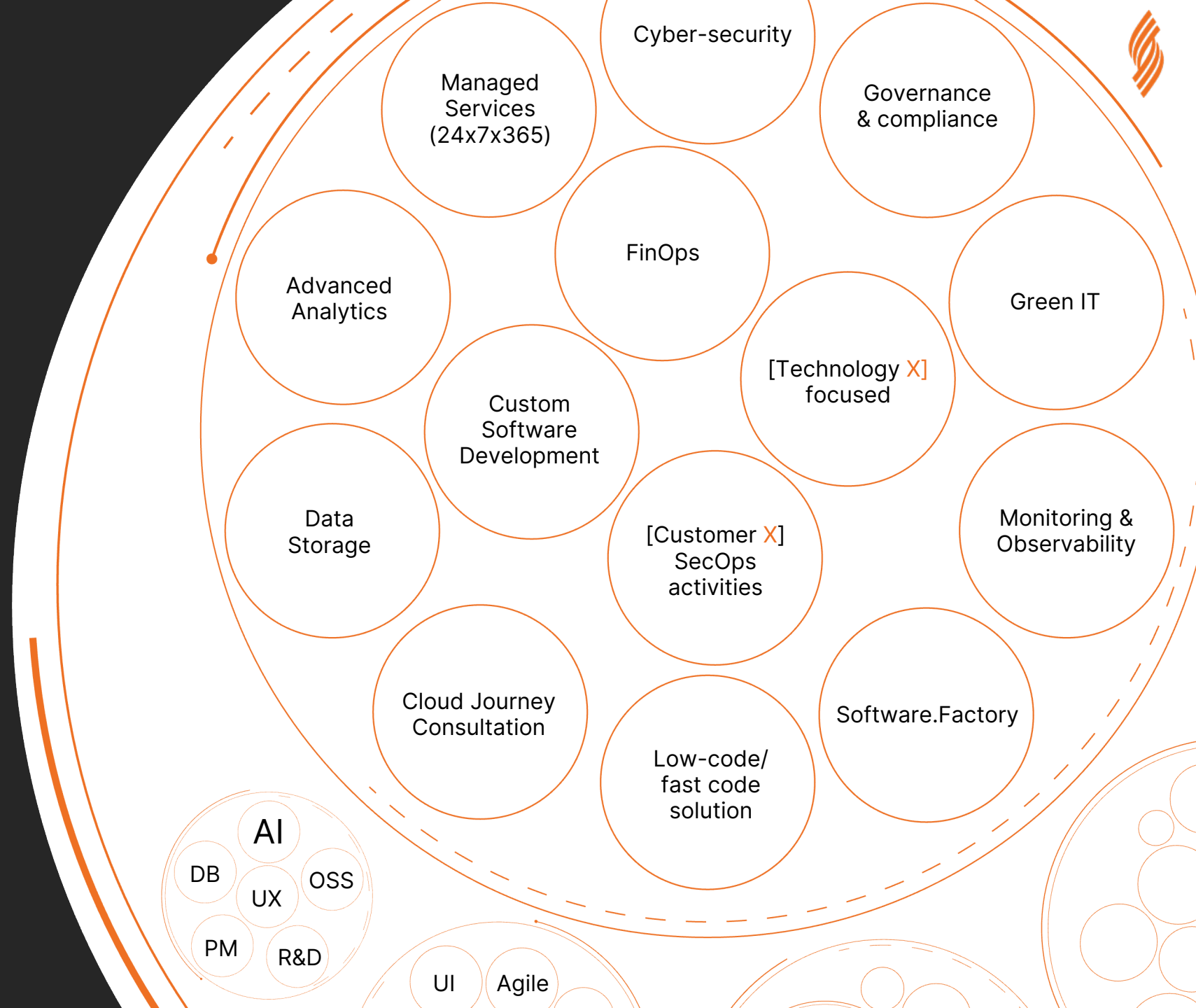


# Tackling Challenges Together

## A journey characterized by:

- Enabling clients 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

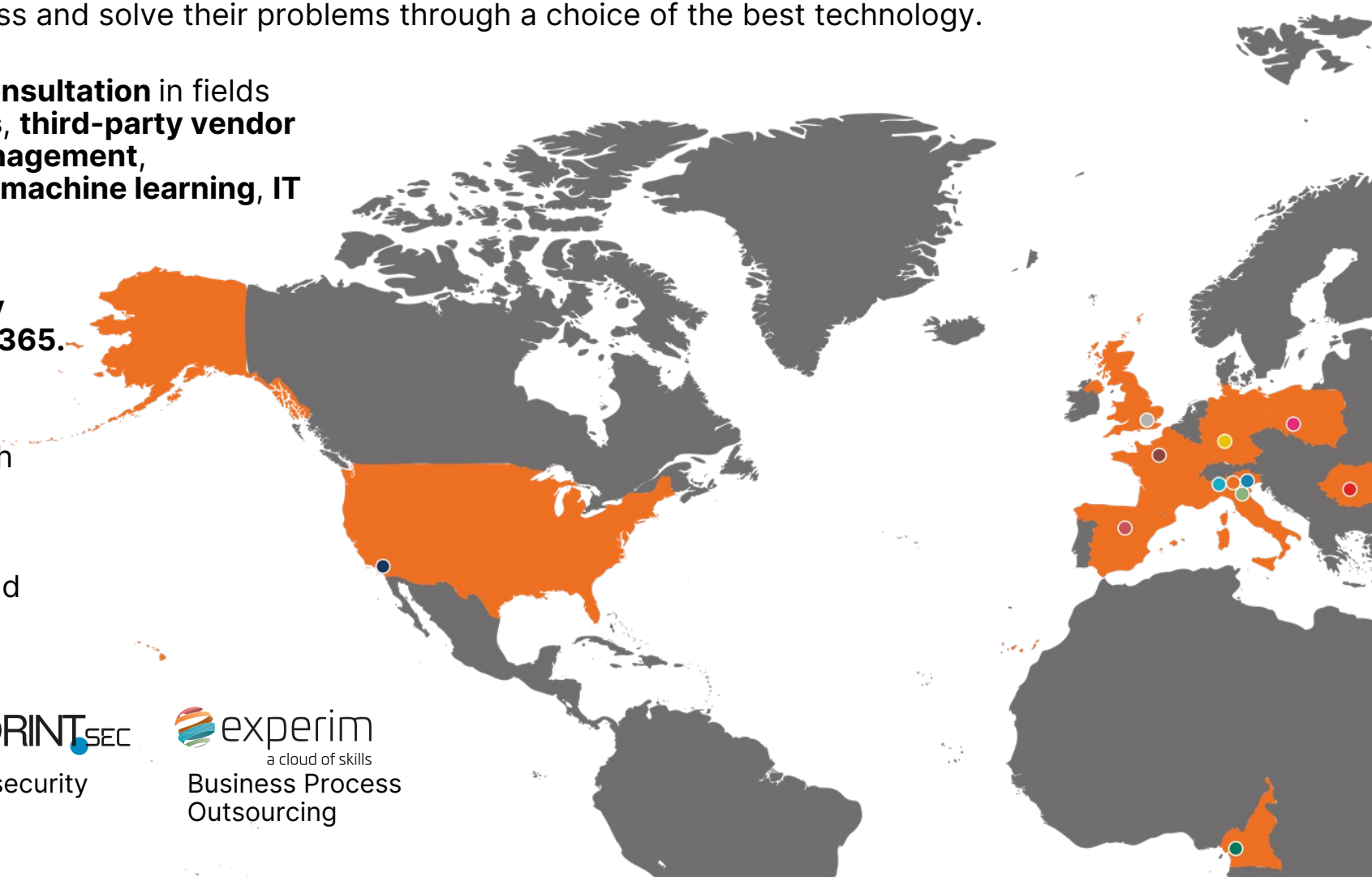


We believe in technology that fosters **innovation and human wellness**. Our commitment towards every company, institution or community is to help them run their business and solve their problems through a choice of the best technology.

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

Delivering services ranging from **discovery and implementation** to **full support 24x7x365**.

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 client



## 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



# Custom Software Development

Software.Factory

- According to Gartner, SD is project management, specifications, design, programming, testing, installation and training associated with a specific application development project of any size.
- New project | existing project
- Areas and activities might include
  - Analysis and consultation
  - Project management
  - Development
  - Quality assurance
  - Security
  - UI/UX
  - Infrastructure
  - DevOps engineering
  - Managing and maintenance
  - Performance
  - Migration or/and dependency upgrading
  - Modernization
  - Team augmentation (Tiger team)



# SORINT.lab's Tailored Journey



The make it model

The default kickoff

## Methodology

Customer involvement

Quality above all

Scrum team  
Product Owner + Scrum Master

## Team

SW Architect  
Developers (FE - BE)  
Security Engineers  
UI/UX experts  
QA Engineer  
DevOps Engineer  
APM Expert

## Flexibility

Per Sprint

Scalable agile team and adjustable based  
on project's needs.

With eyes on uniqueness

## One Team Manifesto

SORINT.lab's Philosophy



# One Team Manifesto

SO.FA – Software Factory

Stand-alone, combined, or end-to-end solutions that convene a philosophy for approaching SD activities. Built upon years of accumulated experience and client's varying industry knowledge. Allowing:

- Innovative transparent consultancy
- Best practices in all related domains
- Lower risk and lower cost
- Reduce time and craft on existing foundation
- Clear roadmap

Resulting in SO.FA's **9D**

**1<sup>st</sup>  
Choice**

IT departments 1<sup>st</sup> choice is SaaS  
Lower cost & lower risk than building application

15% of all software solutions need custom development.

Gartner 2023

# One Team Manifesto

SO.FA – Software Factory – 9D



## Dream & Discover

Requirement gathering

Technical feasibility study

Approach e.g. (Low code, white label, OSS, etc)

## Development

Sprints & milestones

## Describe

Software architecture

AI, machine learning, data & analytics approach

Best practices (Security, Infrastructure, Automation, QA, Monitoring)

## Delivery

First time to production

CI/CD best practice activities

Application maintenance (Performance, observability)

Documentation

## Deliberate

Formal phase

Diagrams e.g. (UML, ERD, DFD, Component)

Product Engineering Plan

## Debrief

Retrospective phase

## Design

Kickoff. First sprint

Technology stack

Mockups (UI/UX activities)

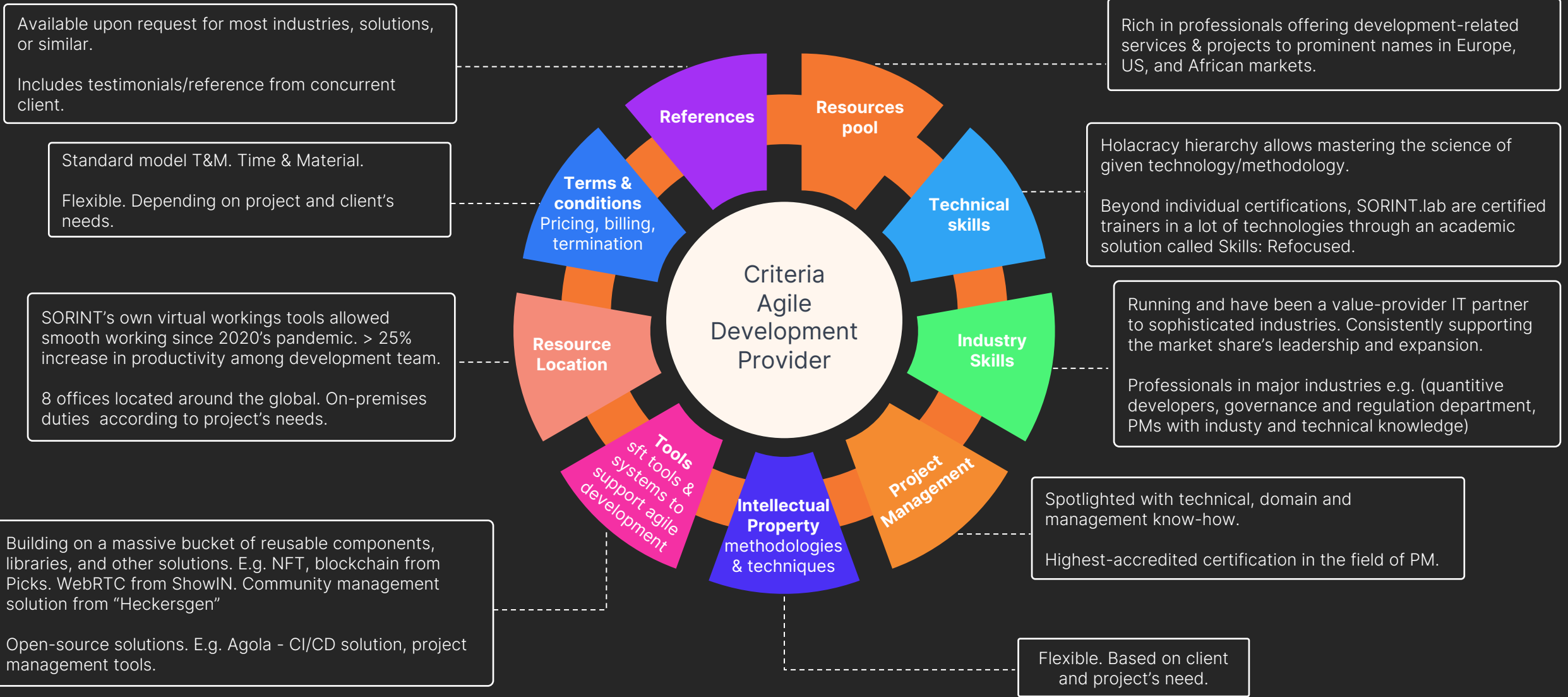
## Devolve

Reporting, maintenance, support, & evolution activities

NGMS Solution (Next Generation Managed Service)

# One Team Manifesto

Coping Market's needs. According to studies

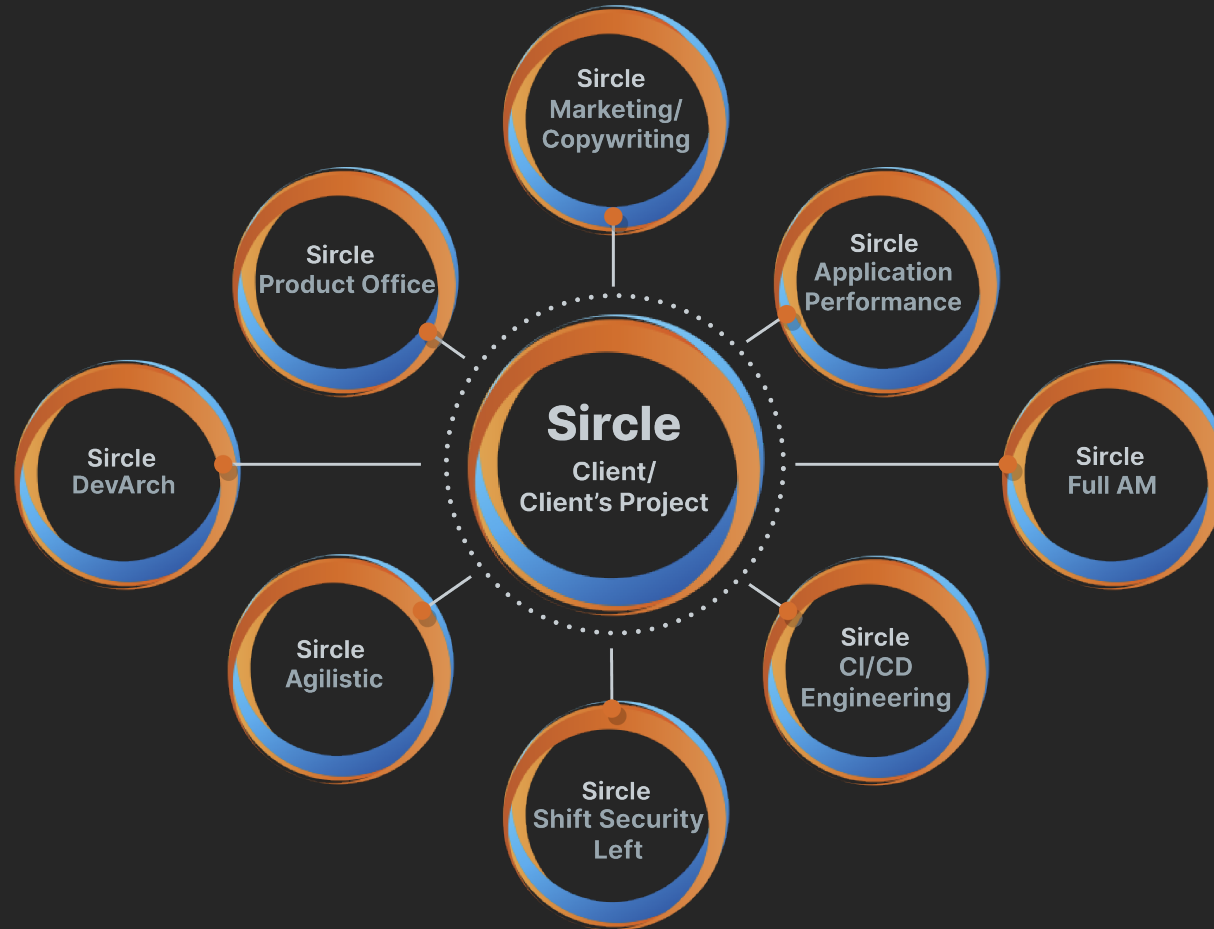


# SORINT.lab's Tailored Journey



The make it model

Dedicated sircles opt in every stage of the SD activity.



# SORINT.lab's Tailored Journey



The make it model

A model that empowers value to every software project

Team  
& Project  
knowledge



Communication  
&  
collaboration



Specialization  
& hands-on  
experience



Time  
effectiveness



Industry  
experience  
&  
Regulations  
Compliance



Capitalizing on expertise for optimal results

Horses for courses

# Some Of Ours

Opensource solutions by SORINTians



Proactive  
Database  
Software Asset  
Management



CI/CD redefined



A different way  
to think  
firewalling



Rew-spl0it  
helps you  
analyse  
windows  
shellcode  
and more



PostgreSQL  
cloud native  
high  
availability



Enable the  
evolutionary  
representation  
of your  
organization  
structure, roles  
and people.



More on [sorintoss.io](https://sorintoss.io)



# Solutions we are proud of

Closed-source solutions by SORINTians

Enterprise, Cloud, Embedded system, Applications, Web development, Game, Database, E-commerce, AI development, and IoT





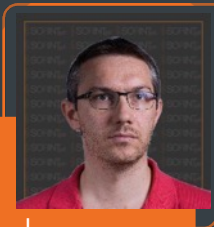
# Experts Involved



- SO.FA
- DevArch
- Agilistic
- PMO CeO
- NGMS
- CI/CD Engineering
- Service Desk 24x7
- SecOps
- Shift Security Left
- Application Performance
- Network and Security
- Data Recovery & Safety

## Senior masterminds

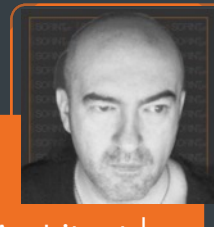
### Simone Gotti



Open Source Software Engineer |  
Software Architect

+25 years of experience in developing  
software

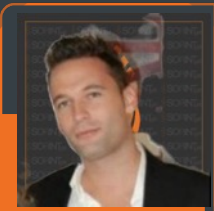
### Simone Rota



Software Engineer | Software Architect |  
DevArch Circle Leader

+25 years of experience in developing  
software

### Oscar Carrara



DevOps Engineer | Full-stack Developer

+15 years of experience in full-stack  
development & +4 years in DevOps  
practices

# Some Prestigious Certificates



From technology/vendor, skill levels, IT domains/specialization, to vender-neutral certifications

3CX  
6sigma  
Aerohive  
Aerohive Networks  
Alison  
ALTARO  
Amazon  
AMPG International  
APMG  
Apple  
Aruba  
AXELOS  
Barracuda  
BIT  
Blue Team  
BMC  
Brocade  
Business Objects  
CEPIS  
CertProf  
Check Point  
Cisco  
Citrix  
Cloud Champion  
Cloudera  
Cobit

COMMSVAULT  
Company Tutor  
Compaq  
CompTIA  
CROSSNOVA  
CSSC  
Cyberark  
D-LINK  
Databricks Academy  
DataCore  
DELL EMC  
Devops Institute  
Dynatrace  
Ec-Council  
ECDL  
Edx  
eipass  
Elastic  
eLearnSecurity  
EMC  
EnterpriseDB  
enVision  
EUCIP  
EXIN  
Extreme Networks  
F5

FacilityLive  
FinOps Foundation  
FireEye  
ForeScout  
FORTINET  
GIAC  
GitLAB  
Google  
Google Cloud  
Google Play Academy  
HashiCorp  
Hazelcast  
Hitachi  
HP  
Huawei  
IBM  
Infoblox  
INIM Eletronics  
Istituto Italiano di Project  
Management  
ISTQB  
Juniper  
Konnex  
Lacework  
LibraEsva  
Linux Foundation  
Linux Professional Institute

MariaDB  
Meru  
MIA-PLATFORM  
Microsoft  
MikroTik  
MongoDB  
Neo4j  
NetApp  
Netscreen  
Netskope  
Netwitness  
NETWRIX  
Novell  
NUTANIX  
ObserveIT  
Offensive Security  
OpenSecurityTraining2  
ORACLE  
Palo Alto  
People Cert  
PMI  
Qualys  
Rancher Academy  
Red Hat  
Reevo Cloud Academy  
Reuters

SCP  
Scrum Alliance  
Scrum.org  
ScrumStudy  
SonicWall  
SOPHOS  
Splunk  
Stormagic  
Sun  
SUSE  
Symantec  
TERADATA  
Toshiba  
Trend Micro  
Triton  
Veeam  
Vendor  
Veritas  
VMware  
WatchGuard  
WatchGuardONE  
WEBROOT University  
ZERTO  
ZyXEL

ISO 27001  
ISO 20000-1  
ISO 9001  
ITIL

# Success stories



Delivered by: SORINTians



Confidential

## FlatShape - Open-source Teleworking All-In-One Solution Software Development From Ground Up

### Challenge

Requirements included:

- A vendor independent single-solution for teleworking.
- Desktop, Web, and mobile solutions.
- Shall include modern and all needed functionalities to facilitate working remotely.
- All features shall be vendor-free.
- Open-source.

### Going forward

The investigation phase kicked-off adhering to the scrum methodology. Through a scrum master, product owner, and a senior tech leader all collaborating with a goal of composing the product backlog.

### Accepting the challenge - Solution and Implementation

The development kick-off phase started after few sprints with several agreed aspects, as an example:

- Project's milestones and the priority of the functionalities.
- Technology stack and the specialists(developers) needed for the project.
- Matrix protocol using Synapse.
- Piolet projects for experimentation, for functionalities with high complexity.
- Sircle Application Performance to carry out all the testing activities. Functional testing, UAT, etc,
- Developed and assessed the usability of various mockup through usability/user testing activities.

### Result & delivery

- Achieved all planned milestones.
- Delivered first major release of the solution that includes all priorities functional and non-functional requirements.
- Bypassed all challenges related to team collaboration and workflow.
- Project is still under-development and will be available on Sorint's public repository shortly after a stable-release is issued.

# Success stories



Delivered by: SORINTians



Confidential

## Well-known Digital Transformation Group Modernization

### Challenge

Refactor, modernize, and introduce new functional and non-functional requirements to the current system.

- High complexity of the existing system.
- Comply with internal and external regulation.
- 20 years-old legacy software.
- Limited resources.
- Complex functional requirements due to the nature of the industry.

### Going forward

Understanding the requirements, code, & environment.

### Accepting the challenge - Solution and Implementation

To avoid misconception, Sorint submitted a POC that included a prototype of the new design, core features, UX, work/data flows, and the system configuration. Plus, the proposed technology stack. Angular with NGRX, microservices for the BE using Java & GO, integration with AWS for hosting, Docker/Kubernetes, Postgres, Keycloak for authentication, etc.

The comprehensive view of the proposal was met with approval from the client's side.

### Result & delivery

Within the agreed timeframes, a high-quality software product that fully complied to all pre-planned requirements. E.g.

- Multi-functional user role system.
- Improved user interface.
- Optimized performance.
- Quality code due to code reviews strategy.

# Success stories



Delivered by: SORINTians



Confidential

## Digital Currency & Wallet Hybrid Mobile Application

### Challenge

Client's requirement included:

- A solution that manages virtual currency exchange between thousands of users.
- Core functionalities were clear, whereas supplementary ones were uncertain.
- Tied deadline. Client intended to introduce the solution during an annual corporate event.
- IOs, Android versions.

### Going forward

Sircle Agilistic and Product Office were able to quickly kick-off the project to adhere to the deadline. Assigning the scrum master, PO, development team, and crafting the mockups. While collaborating with client on the uncertainties.

### Accepting the challenge - Solution and Implementation

The development phase initially started using React Native as a framework and was later changed, in the first few sprints, to Flutter. This was a result of the extra functionalities added by the client. This is one of few critical challenges met during the tied deadlines constrain.

### Result & delivery

- Released a stable version.
- Both applications were smoothly uploaded to the stores days before client's deadline.
- Meeting all client's requirements, all versions of the solutions were developed and tested.



# Bonus Slide

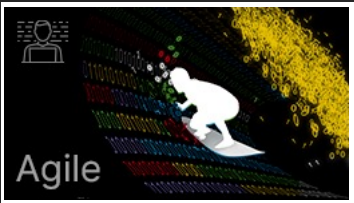
## Related Solutions and Tools by SORINTians



### Open-source Software Products

Open-source is a great opportunity to solve the gap between the legacy and digital world because has itself the answer to simplify the complexity, and this is the service we want to provide to our clients

[sorintoss.io](http://sorintoss.io)



### Agile Practices Software.Factory

Software development project management solution that embodies set of values, principles, and practices aimed at empowering self-managed, cross-functional teams. It fosters a collaborative environment that encourages solutions.....

[inquire](#)



### Application Performance Digital Technology Services

A service that aims to achieve the "peak performance" of a given software application. By employing techniques and focusing on the activities of monitoring and observability, testing, analysis and team adoption. Embracing software quality assurance.

[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**



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[www.sorint.com](http://www.sorint.com)