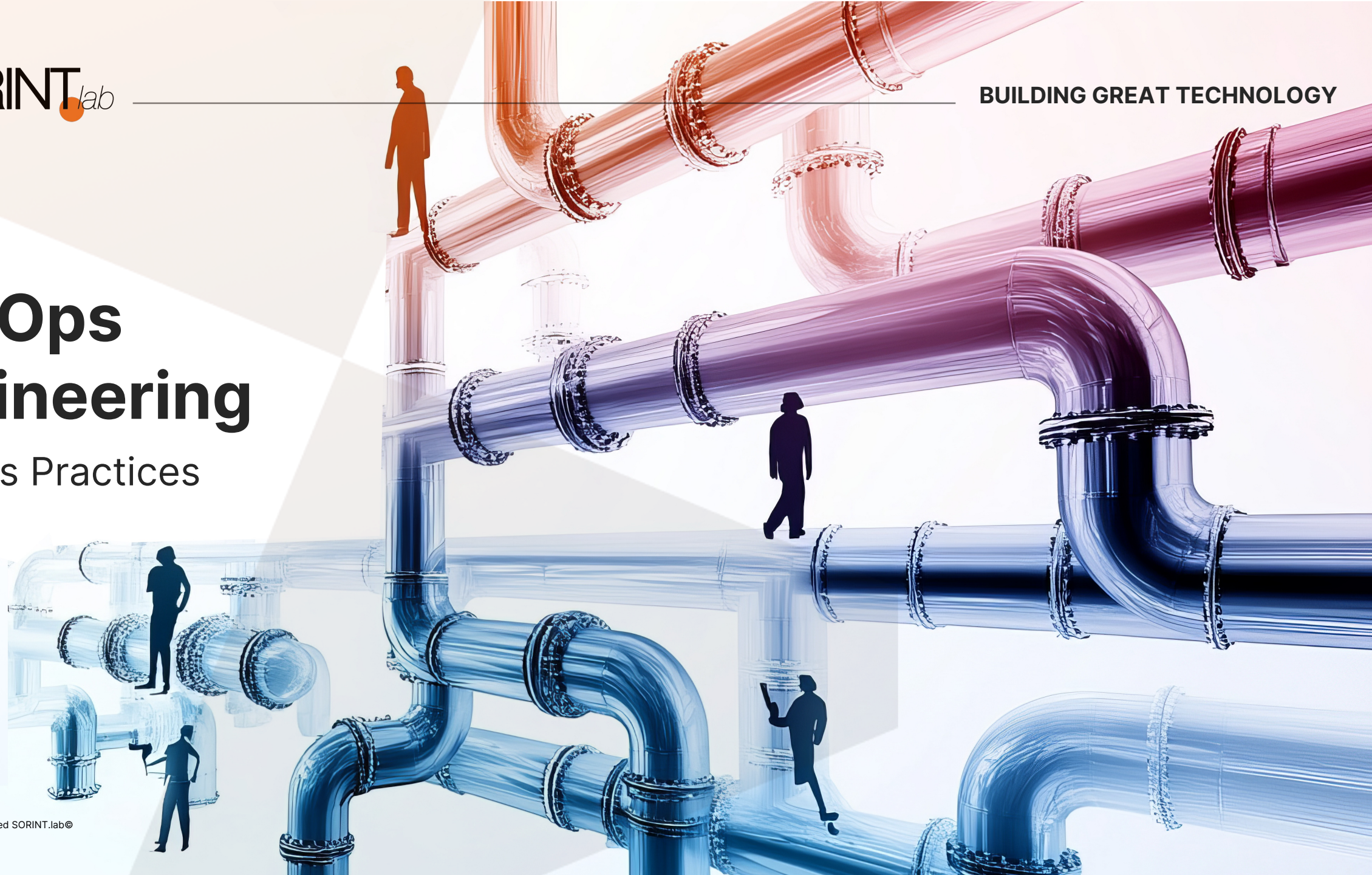


DevOps Engineering

DevOps Practices



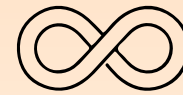
Agenda

- DevOps Engineering
- Overview - Rounding up
 - Breakdown
- Why SORINT.lab?
- Service's Delivery Models

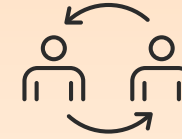
DevOps Engineering

Where we introduce the best-fitting workflow, advanced set of practices, and tools required to holistically power automation, throughout!

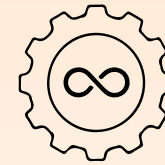
Software delivery, development, testing, deployment, to automating infrastructure, recovery and cloud-native practices.



(CI/CD)
Continuous
Integration &
Deployment



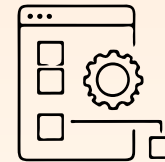
Collaboration
& communication



Configuration
management



Infrastructure as
Code (IaC)



Monitoring
& logging



Agile
& lean practices



Incident
management
& response

Rounding up

5 areas of successful DevOps initiative



Implementation

- CI/CD pipeline design
- Guidelines & practices
- Migration activities
- Automated scanning, testing & healthy checks
- DevSecOps integration



Enhance & Scale

- Assess metrics & markers
- Quality assurance & identifying siloes
- Operational & cost optimization findings
- Introduce new practices such as FinOps



Governance & Compliance

- Standardization of processes & integrity
- A mature, proactive posture for monitoring, performance, remediation, and compliance



Toolchain

Effective tool selection as an integral part of the toolchain. Enables teams' collaboration throughout. Establishing a shared operational language between business and tech teams.



Training

- Segregation of duties
- Mindset, methodology, practices, & hands-on tools experience.
- 3rd party vendor –related solutions

Implementation

Consultation services, end-to-end solutions, and up to 24x7 management!

Assessment

1

Vetting business and tech context to identify objectives and activities.

Tailored design & roadmap

2

Pragmatic practices, inline with prioritize and measurable ROI.

Framework, practices, & procedures

3

Standardization. Ensuring cost reduction & efficiency.

Tools adoption

4

Comprehensive, AI-infused for continuous monitoring, vulnerability management, & threat intelligence. SAST & DAST, for instance.

Infrastructure selection

5

Whether cloud-native, on-premises, or hybrid. IaC and FinOps readiness.

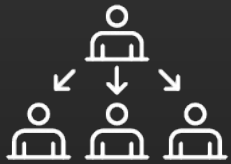
Compliance metrics & testing

6

Measuring performance through the automated QA tests, detailed logging, adherence to client-specific industry protocols.

Enhance & Scale

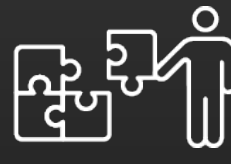
What we look into to reframe DevOps initiatives



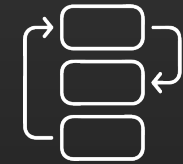
Misaligned DevOps
Strategies with business
value



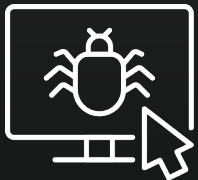
Fragmented toolchains &
misconfigurations



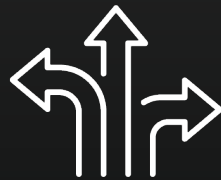
Lack of essential
necessary skills, tools,
resources, or/and
processes



Mishandling of operational
alignment and production
challenges



Security and auditing
processes causing
obstacles that sacrifice
speed over quality, and
vice-versa



Inconsistency automation
practices.
"Manual Toil", "Automation
Debt," Lack of IaC Maturity



Visibility over stakeholders
throughout the cycle



Vague untraceable
investments & associated
OKR

Governance & Compliance

A holistic, systematic, and integral approach is the key

Codify Compliance

By embedding policies directly into the integration and build phases, we assist clients turn pipelines into a centralized control point for real-time, auditable evidence.

Proactive Compliance Scanning

Moving & implementing checks to the "left" of the lifecycle, we detect drift early, ensuring your posture is verified with every single commit.

AI agents

Integrating agents to analyze vast amounts of data to suggest configuration fixes and automate documentation, reducing the cognitive load on your developers.

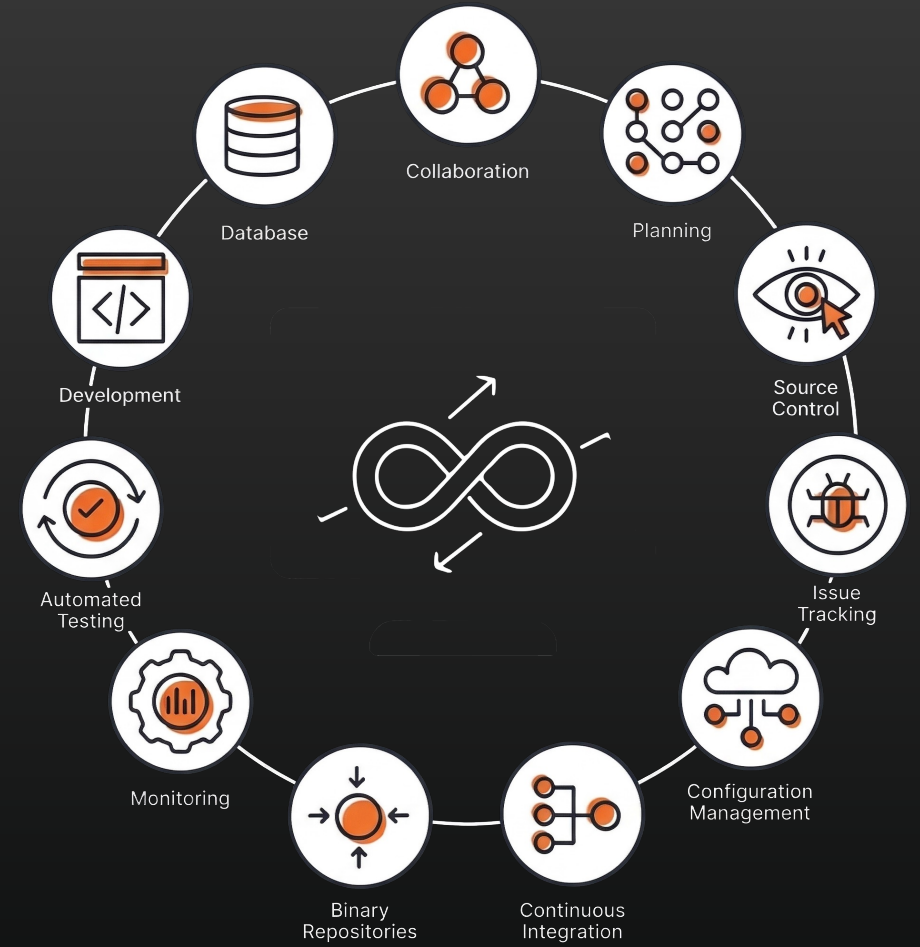
Unification

Harmonizing various security requirements with regulatory frameworks, to create a single source of truth that ensures total resilience and cross-mapping accuracy.

Toolchain

A collection of tools, often from different vendors, selected and introduced to operate as an integral unit.
Enabling total synergy through a curated ecosystem designed to build, test, manage, measure, and operate effectively

- Effectively integrating tools
- Customizable to needs
- Avoiding vendor lock-in
- Proficiency & ease-of-use



Training

**Human & cultural factors
pose the greatest challenges
to DevOps success**



SORINT's Academia Offering

A solution tailored to educate IT professionals, of your business, to stay ahead in the ever-evolving digital landscape. Customizable topics and levels that goes along the strategical needs. IT vendor solutions, technologies, practices, and methodologies spanning across key IT fields

www.sorint.com/academia



One of Ours | Open source software solution

Agole

CI/CD Redefined

Test your run tasks

Restart-able runs from failed tasks

Execute runs in a reproducible containerized environment

Execute runs from your local git repo, **without the need to commit/push!**

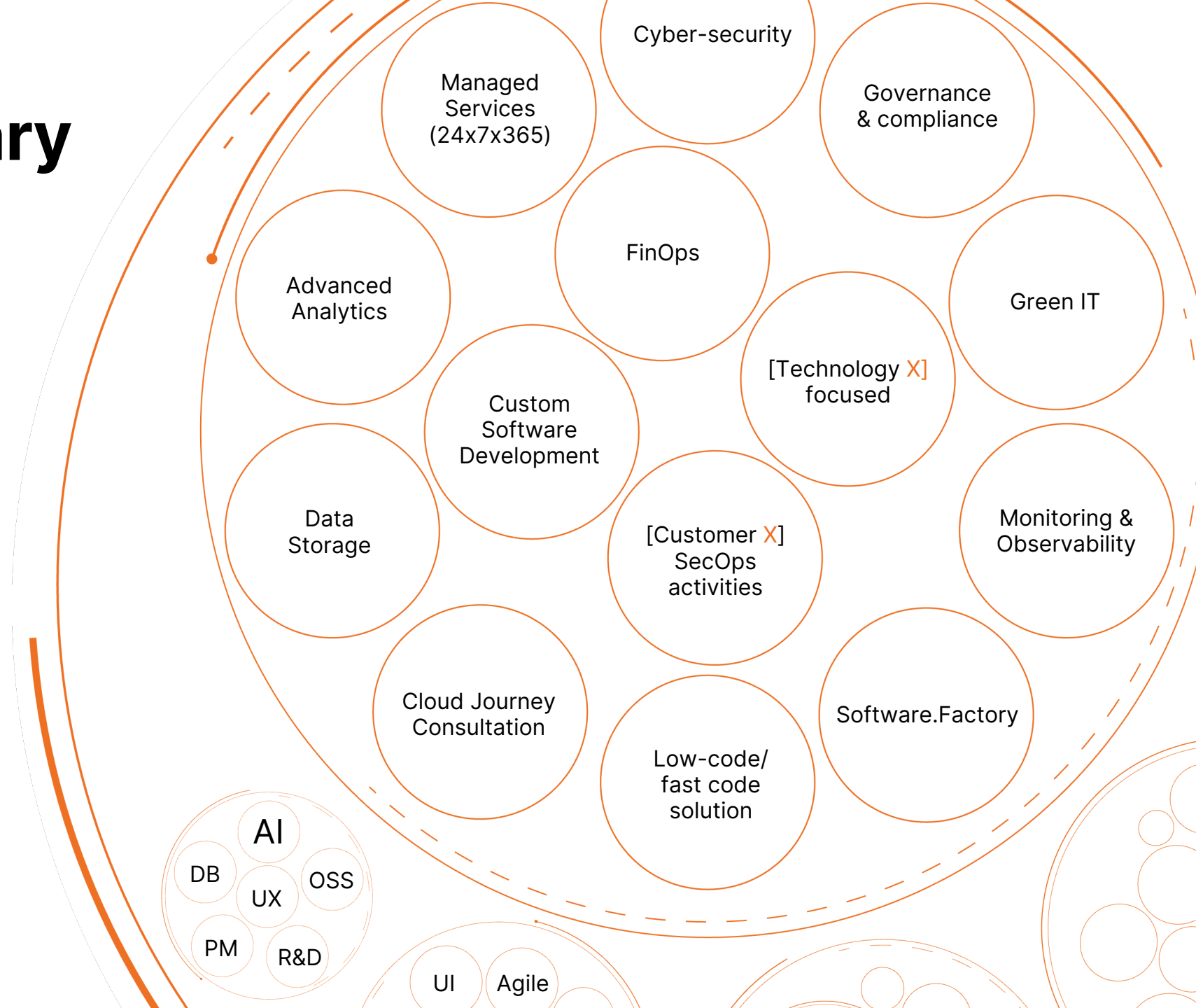
Integrate with GitHub, GitLab, Gitea, & custom Git repositories. Deploy simple to complex workflows!



A Multidisciplinary Enrichment



A framework which allows effective collaboration across specializations, maximizing value by involving experts from every field. Smoothly!



Tackling Challenges with SORINT.lab

Managing & Operation

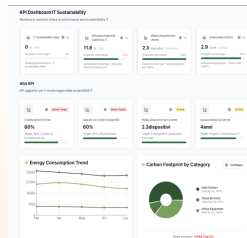
We fully manage various applications and infrastructures of prominent organizations in Europe, US, and Africa



End-to-end Technology Support

Holistic IT & governance capabilities, rather than a point solution

Assessment portals & templates to better demonstrate the unique needs & project governance attribute!



100% Vendor Independent – Purpose

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.



98%
Customer
Retention
Rate



Offering's Delivery Models



Consultation

Assessment & discovery activities. Often concluded with business, solution selection & technical remarks.



Staff augmentation

Integrating skilled practitioners within client's team.



Project scoped

Defined deliverables, that might include implementation for achieving the specified objectives.



End-to-end

Dedicated multidisciplinary teams delivering and managing the entire DevOps lifecycle initiative.

Request case studies

We are all ears!

A discovery call with a technical engineer, or a business representative.

welisten@sorint.com

www.sorint.com/contact



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A formal business blog, SORINTian's vibrant space with a transparent and unique writing style, or dedicated cybersecurity publications

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