seerene
The Digital Boardroom

The Seerene Software Process Mining Platform

Professionalize your
software development organization:
Learn how to recover at least 20% of your
currently lost efficiency!

✉ hello@seerene.com

March 22, 2022

What is Seerene?

In a Nutshell

Seerene leverages advanced analytics & visualization techniques to provide a novel **software process mining platform**. With it, software development organizations can – for the first time – observe, understand, and optimize their processes of producing complex software systems. Inefficiencies in the process – typically up to 80% of developer time gets lost (!) – are converted into extra time, enabling you to deliver more value to the business, faster, and with lower costs! Integrating the Seerene platform in your organization will immediately reveal at least 20% extra time that you can harvest.
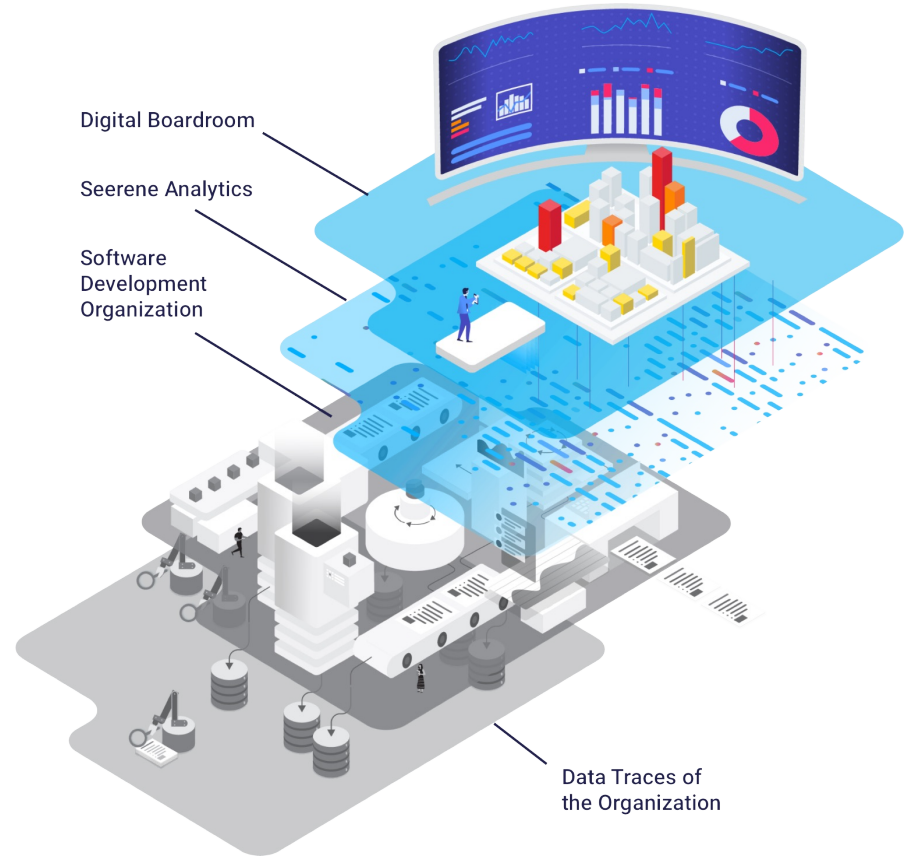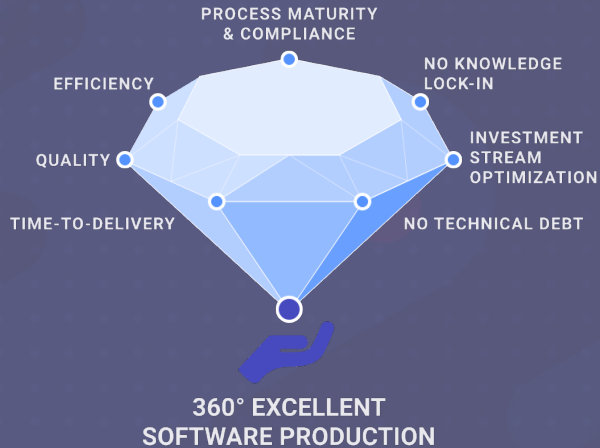
The Seerene platform analyzes data traces from your development infrastructure and reveals a holistic, real-time view on how your organization works. The platform is a SaaS solution on Microsoft Azure. Designed so that neither source code nor personal data leave your firewalls, Seerene is compatible with all software development environments (Microsoft, Atlassian, SAP, IBM, Broadcom, ptc, CollabNet, etc.) and applicable to all kinds of development processes (agile, scaled-agile, waterfall, V-model, etc.).

The Seerene Digital Boardroom enables you to strategically steer your business-critical software development organizations to ever higher excellence – with KPIs and actionable insights for board members and executives, as well as for teams.
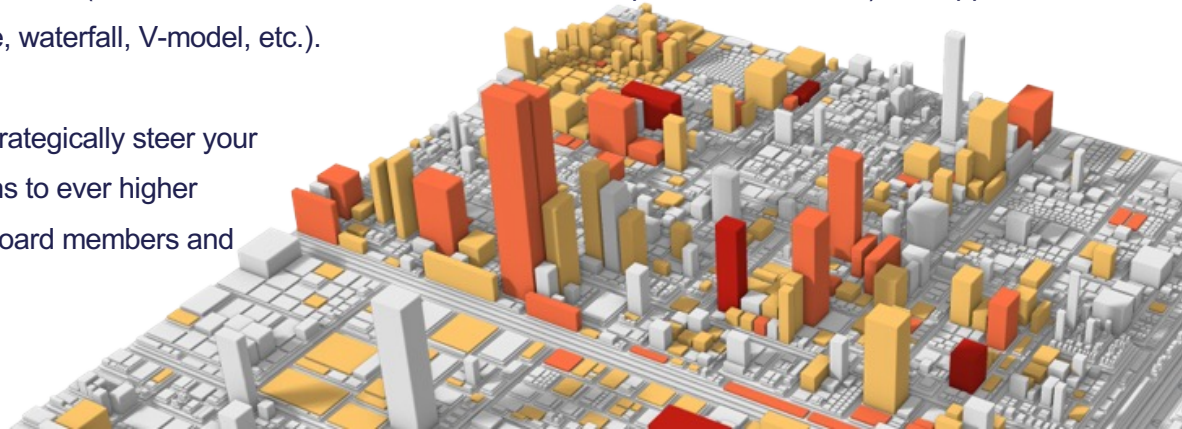
Establish a
Digital Boardroom
with Seerene

KPIs & drill-downs for
balancing and optimizing the challenges of
software development organizations

PROCESS MATURITY
& COMPLIANCE

NO KNOWLEDGE
LOCK-IN

EFFICIENCY

INVESTMENT
STREAM
OPTIMIZATION

QUALITY

TIME-TO-DELIVERY

NO TECHNICAL DEBT

**360° EXCELLENT
SOFTWARE PRODUCTION**

Digital Boardroom

Seerene Analytics

Software
Development
Organization

Data Traces of
the Organization

Recover 20+% of Your Organization's Efficiency Loss!

| 100% | -30% | -25% | -15% | -10% | 20% |

INPUT

OUTPUT

VALUE FOR YOUR ORGANIZATION

DEVELOPERS' TIME

DEFECT FIXING

DEVS STEP INTO TECHNICAL DEBT

REMOVING TECHNICAL DEBT

BAD KNOWLEDGE DISTRIBUTION

RESULTING DEVELOPMENT POWER FOR VALUE CREATION
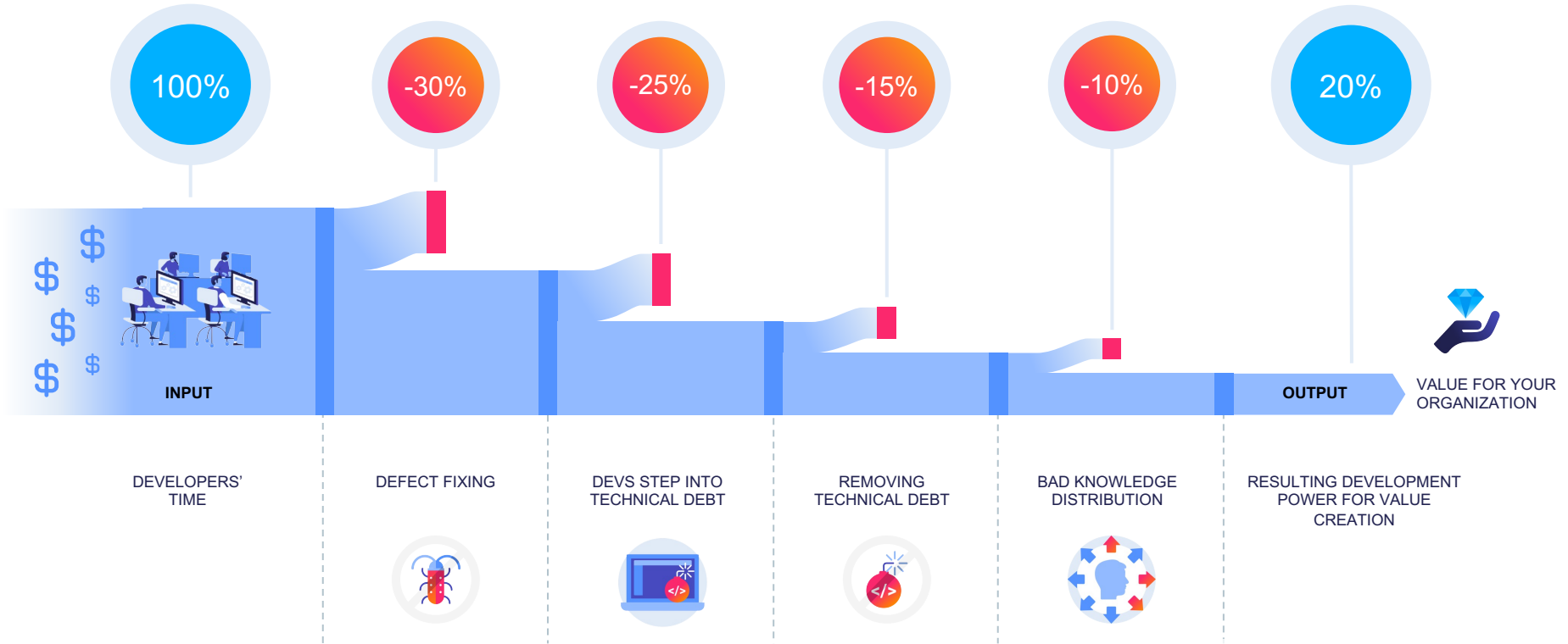
DEEP DIVE (PODCAST)
Why up to 80% of IT budget gets lost
https://www.youtube.com/watch?v=5W5FgrxIvJM

Executive Summary
FAQ

What makes Seerene unique?

The platform is based on 15 years of research by the Hasso Plattner Institute and has been successfully leveraged by corporations for 5+ years. The domain complexity of software development represents such a large barrier to market entry that there are no similar competitor products. Seerene can process digital traces of all tools in the software development space and converts technical raw data into management-critical insights. This makes Seerene unrivaled as the first and only holistic *software process mining* solution, enabling you to strategically steer and develop your organization to the highest excellence. Software production finally becomes a true engineering discipline with Seerene.

Why is Seerene relevant?

Tailor-made software is becoming an increasingly important source of business value creation and competitive advantage in *all industries*, which is why software factories are springing up in corporations. Hence, software factories and how to run them efficiently is of strategic concern for every company. Seerene's software process mining is the first approach to tackle this business-critical challenge and to convert existing inefficiencies into extra time. This way, IT becomes the business enabler that delivers innovation fast, cost-effectively, and with high quality. The Seerene platform is the only solution today with these capabilities.

How does Seerene benefit the user?

Seerene empowers decision-makers in software development organization to understand how their software production processes can be improved; regardless if the teams are in-house developers or 3rd-party service providers. The Seerene platform serves as the foundation for the efficient allocation and management of development resources, saving both time and budget. The platform thus enables significantly more transparency, strategic management, and security for all stakeholders in the software factory.
The Seerene Value Guarantee: **Based on experience in diverse corporate environments, Seerene guarantees to reveal efficiency losses in your software production and to show how to convert at least 20% (!) of this loss into extra time. In short: We enable you to deliver more and faster at lower costs!**

Who leverages Seerene?

Seerene is especially relevant for CIOs, CTOs, VPs and team leaders of large enterprises who have IT decision-making authority and interest in efficiency gains. Seerene can add value particularly quickly and clearly in organizations with at least 100 developer FTEs. Here, it is irrelevant whether these developers work in-house, at external locations, or for external service providers.

Background

Solving a core challenge for corporations of all industries

2000 — **2015** — **2021**

seerene

Many years of experience with corporate systems
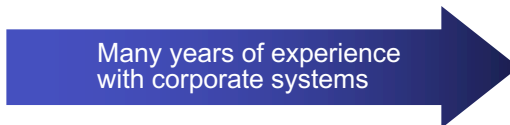
The Seerene Value Guarantee

15 years R&D at the **Hasso Plattner Institute**, the leading university for software engineering in Central Europe.

Seerene established within the **German Deep Tech Group**, an incubator in the field of big data, analytics, AI and data visualization. Supported by leading VC companies.

Continental

Bundesagentur für Arbeit

SAP

swisscom

ERSTE Group

...

We reduce productivity loss in your software production by at least 20%!

HPI Hasso Plattner Institut
Digital Engineering · Universität Potsdam

German Deep Tech

LAKE STAR

EARLYBIRD
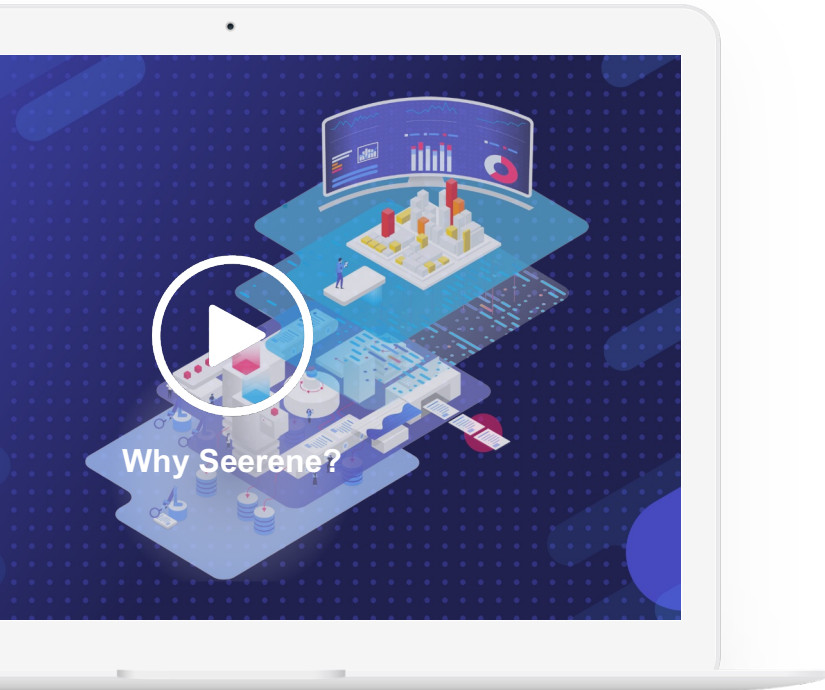
Thank You!

Let us demonstrate Seerene's value for your organization!
Book a call with Seerene CEO Dr. Johannes Bohnet!

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Appendix #1
THE PITCH

You manage software development on a corporate level.

Seerene enables you to proactively ensure quality and efficiency.

Seerene helps you to be successful by saving money & developer time.

Find at least 20% of inefficiency!

The Potential Outcome of a PoV

MEDIUM SIZED
Company*
- 40 Developers
- Budget: 2.6 Mio. €

In this scenario you save at least
1.200 Developer Days
0.52 Mil. €

SMALL CORPORATE
Software Factory*
- 100 Developers
- Budget: 6.5 Mio. €

In this scenario you save at least
3.000 Developer Days
1.3 Mil. €

LARGE CORPORATE
Software Factory*
- 1.000 Developers
- Budget: 65 Mio. €

In this scenario you save at least
30.000 Developer Days
13 Mil. €

* These saving scenarios are based on very modest/conservative assumptions (only 20% efficiency loss,150 days and 65k € per developer/year) so they are likely to be exceeded in practice.
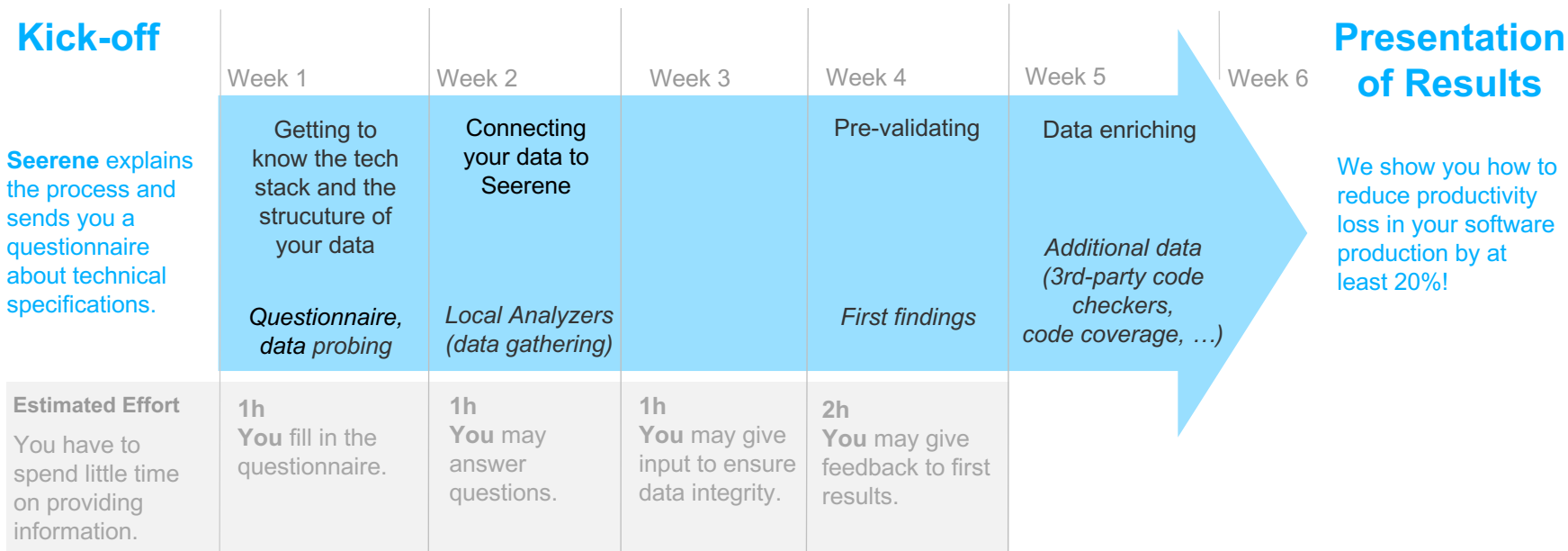
Appendix #2

Seerene PoV – How does the project work?

Kick-off

Seerene explains the process and sends you a questionnaire about technical specifications.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	**Presentation of Results**
	Getting to know the tech stack and the strucuture of your data	Connecting your data to Seerene		Pre-validating	Data enriching		We show you how to reduce productivity loss in your software production by at least 20%!
	Questionnaire, data probing	*Local Analyzers (data gathering)*		*First findings*	*Additional data (3rd-party code checkers, code coverage, …)*		
Estimated Effort You have to spend little time on providing information.	**1h** **You** fill in the questionnaire.	**1h** **You** may answer questions.	**1h** **You** may give input to ensure data integrity.	**2h** **You** may give feedback to first results.			

Important Note: Seerene will extract data from the most recent past – so your input data will be ready by kick-off without additional effort.

Appendix #3

Impressions from the Seerene UI