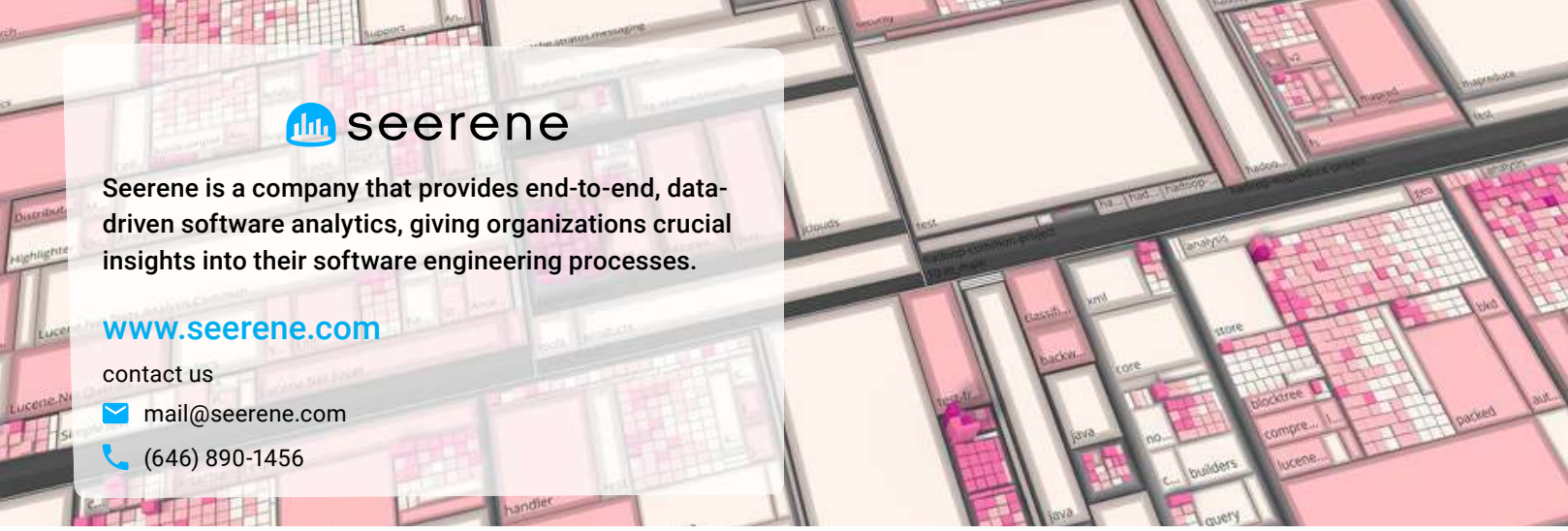

seerene

Seerene is a company that provides end-to-end, data-driven software analytics, giving organizations crucial insights into their software engineering processes.

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Awareness About Software Development Processes

Analyzing across different programming languages, technology stacks and data silos, Seerene reveals indicators, patterns, and outliers related to code complexity, development efforts, knowledge distribution and bottlenecks, test effectiveness, release risks, and development activity. The software analytics platform helps to transform and mature any software development organization into faster development, improving cost-effectiveness, delivering in the anticipated timeframe, and releasing reliable, high-quality software.

Software Data Mining

Upload your software repositories to Seerene's platform, where the locally operating analysis engine automatically scans the repositories and generates key descriptive and qualitative metrics on the fly. Collect the findings with management-relevant KPIs on dashboards, perform detailed root-cause analysis and dive into your code landscape with interactive 3D map visualizations. Seerene uses a two-stage analytics approach: first performing software data mining locally within your firewall-protected premises, and then only using metadata for heavy-weight analytics on Seerene's servers. This method protects precious assets such as code, which never leaves your company.

Safe-Guard Your Release Deliveries

Seerene scans software releases like an X-ray machine, drastically reducing the overall risk of shipping a defective release. Test managers can improve their time- and cost-effectiveness with the focus on functionality with the highest defect risk, and can find answers to important questions for each implemented feature. Was it an overly large construction place (many developer hours, large team involved) that should receive extra testing time? Has the code only changed locally, or across the entire architecture? Did the developers touch complex code? Have the modified code units been secured by automated tests? Were developers new to the code involved?

Drive Up Software Engineering Productivity

Accelerate the speed of software development by identifying essential hotspots such as areas of missing documentation, team knowledge monopoly and code complexity that hinder IT professionals, accumulating costs and delays.

Interactive Software Maps

Seerene presents collected, fused data in software maps, including data about code metrics, tickets, commits, test runs and data from customer-specific analysis tools. Revealing structure, patterns, and outliers throughout the whole system, the maps are dynamic and interactive, reconfiguring as you select different code areas, authors and time buckets. Understand the Where, What, When, and Who of your IT development processes.

Reveal Hidden Risks, Bugs, and Defects

Minimize delays, risks and non-optimal decisions by performing fast root-cause analysis with different built-in software map themes. Track risks by observing trend lines to ensure that all builds due for shipment are safe-guarded and delivered punctually.

Solve Technical Debt Issues

Constant transparency over the current situation in your IT landscape flags where technical debt exists, helping engineers eliminate it appropriately. Steer your developers' focus beyond debt maintenance and towards the creative processes of innovation that ensure strong market performance.

Predictive Insights and Prescriptive Actions

Based on Machine Learning, AI, and Physics Engines, Seerene builds and analyzes the high-dimensional internal information space constituted by all the software data found at your site. It provides predictive insights and can derive prescriptive actions for IT software development.