

Magnitude Angles Process Mining

Optimize Processes from a New Angle

Humans are resourceful creatures. We are always on the lookout for ways to make our lives and jobs easier and more efficient. Workarounds to support this quest for efficiency are present at almost every turn we make throughout the day.

How often do you receive route information from a GPS app, friend, or business detailing the best route to a destination only to disregard it because you know a shortcut that will save you time or avoid traffic aggravations? When was the last time a cashier “bypassed” age verification or entered a random birthdate for you when you were purchasing an age-restricted product like alcohol or tobacco?

These are common and relatively harmless examples of a workaround. But consider the impact of deviation within your supply chain, financials, or procurement processes when a workaround is implemented. The sheer scale and velocity of data in the digital footprint of your ERP system - combined with the need to maintain high levels of operational excellence - can lead to significant missed opportunities even with slight deviations in workflows. And even the most minor critical processes in today’s enterprise are so large and so complex, and happen so quickly that it is impossible for a human, or even a team of humans, to provide adequate governance.

“ Digital transformation initiatives are delayed by misunderstood processes. Manual routing and process gaps further complicate the picture, and 37% of business and technology decision-makers report that their organizations experience these problems. (Forrester).

What is Process Mining?

Process Mining is a discipline that extracts descriptive models from event logs in SAP to reconstruct the underlying business process flows. It provides a visual model of how an end-to-end process, e.g., exactly how the Purchase to Pay or Order to Cash processes, is executed by your users.

This proven technique goes far beyond traditional process analysis methods like interviews, lead time measurement, and performance analysis to deliver the desired insights into how your business is currently running. Instead of asking business users how processes are executed, process mining recreates an accurate picture of why processes are conducted in the way they are. It analyzes information in your ERP system that usually remains hidden. Having this information allows your business to answer critical questions with greater precision than ever before:

- What is causing long lead times in subprocesses?
- Is one business unit/process performing better than others?
- What is the potential for process harmonization?
- What can I do to improve my delivery reliability?

This movement is growing amongst businesses looking to understand better how their processes are truly being accomplished and how they can benchmark and improve low-achieving processes. This understanding is not achieved without significant challenges, a large team of people and products, and a longer time to value than businesses often have to act on such information.

“ 80% of the efforts and time in process mining programs are spent on locating, selecting, extracting, and transforming the process data. The time needed to apply process mining is short when the data are there. (Gartner)

Deliver Business Insights to Process Mining

Magnitude Angles Process Mining eliminates the traditional failings of many process mining tools by focusing on delivering accurate cross-process insights from your SAP system to the best-in-breed visualization platform. The Magnitude Angles platform, built on more than 20 years of expertise working with enterprise companies across the world to transform data from SAP or Oracle ERP systems into insight and insight into action. Angles moves beyond traditional data visualization BI tools with self-service operational reporting built on context-rich, process-aware data models and designed to answer your most pressing business questions.

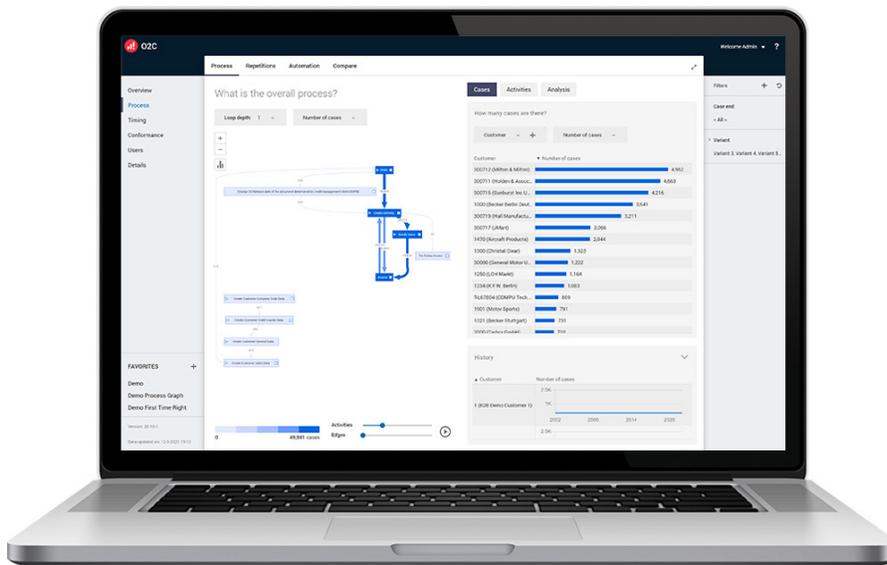
The breadth of this expertise provides end-to-end process coverage for SAP. Angles does not just have a P2P or O2C template. It includes ready-to-run processes consisting of complex documents like contracts, schedule lines, shipments, requirements, workflow steps, and more. In addition, its innovative supply-and-demand matching algorithm creates unmatched transparency, even for Make-to-Order processes. The depth of this pre-packed content provides access to deep ERP knowledge to calculate business KPI's like service level, delivery reliability, on-time-In-full, DSO, DPO, DIO, and more.

Angles Process Mining is designed with business users in mind. Its modular architecture provides advanced throughput time analysis, bottleneck detection, and root cause analysis with an unmatched time to value.

Business Outcomes of Process Mining

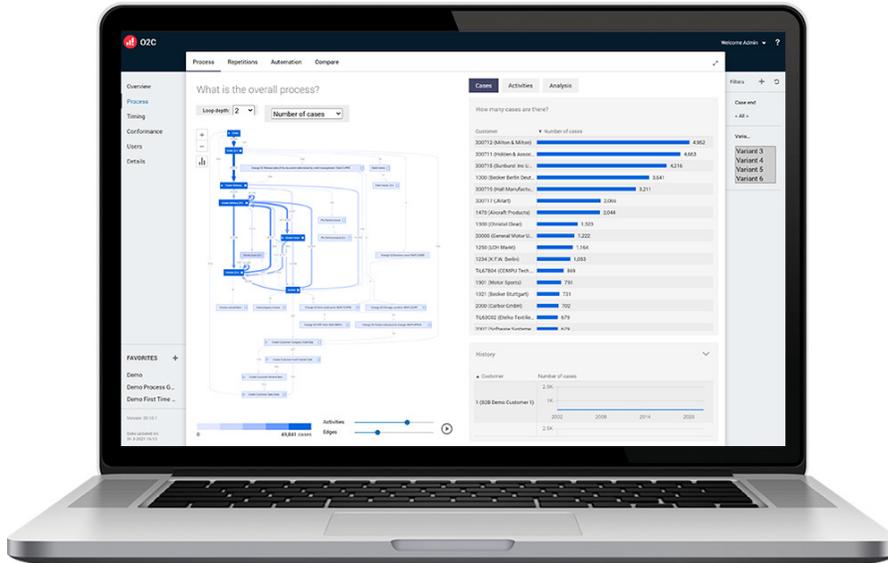
Transform process understanding

Utilize the context-rich business data model and cutting-edge visualization tools to understand where and why problems occur, identity potential bottlenecks, and view what is actually happening in your business process.



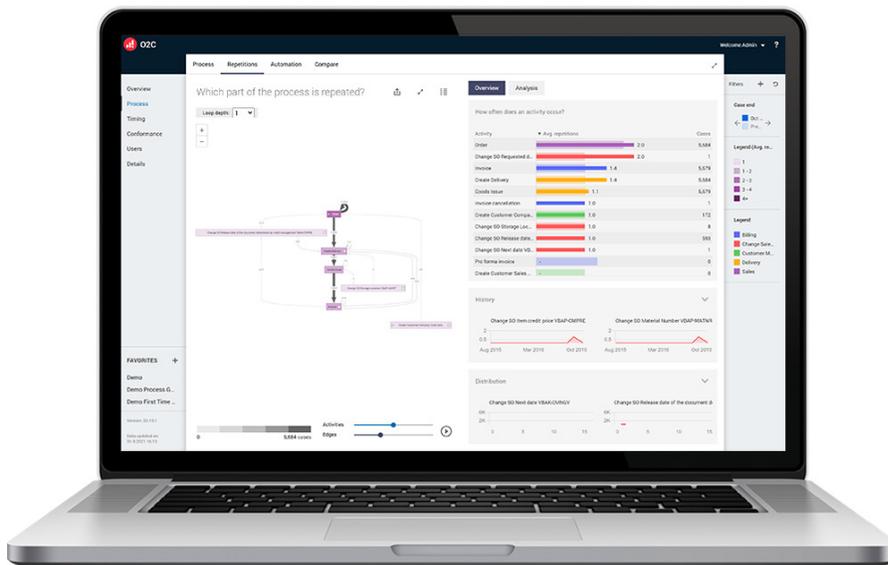
Increase process performance and reduce rework

Identify ways to standardize, optimize, and improve operations while staying informed about progress towards defined key process indicators and the organization's performance. Process efficiencies will pinpoint redundant process steps and discover the root cause underlying these steps.



Identify potential process compliance issues

Ensure that required process steps are executed in 100% of the population with strict adherence to the workflow set out in the designed stages or benchmarked processes from high-performing business units.



Establish a mechanism for continuous improvement

Through deep process understanding and monitoring your processes, and automating the right ones, you'll get on the path of continuous process excellence.

The use cases and client benefits for process mining are well documented; however, so are its challenges around collecting data threatening the ROI of process mining programs. The pre-packaged content and proven ETL technology provided by Angles creates an unmatched time to value, drastically improving process mining program's ROI.

