



## **NextGen Process Mining:**

How To Rapidly Identify Gaps And Options To Speed Transformation



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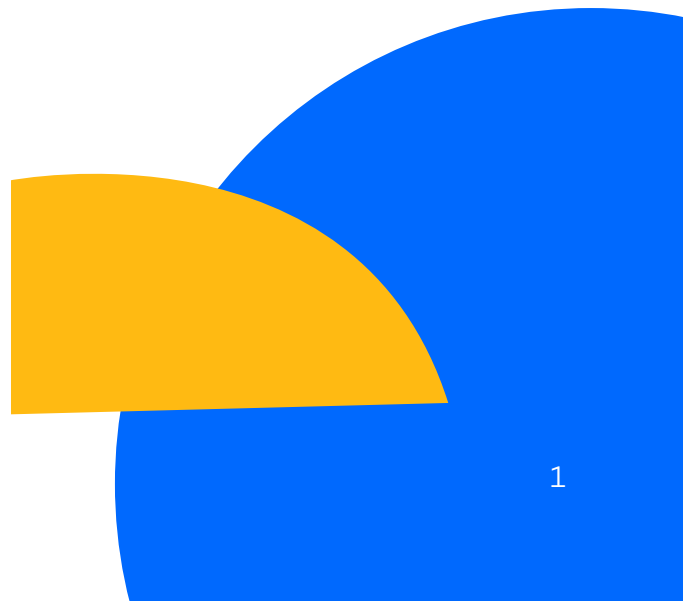
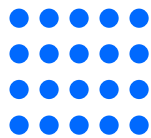
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## Chapter I: Why Fast Transformation Is Crucial

### Why Speed Is An Imperative

In today's Digital Era, speed is key to staying in front of the competition. Customers want lightning-fast results. Trends change more quickly. Competitors are moving at full speed to win the digital race.

- **Customers want fast results.**

*"If your customers can't get speed from you, they'll simply go to someone else."*

— Jared Davis Overton, CEO of PigeonShip  
(via Forbes)

- **Market trends change more quickly.**

*"To respond to these rapid, sweeping changes, companies need to transform their operating models to the new reality.."*

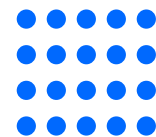
— McKinsey

- **Competitors are at full speed.**

*"Three-quarters of companies say innovation is a priority."*

— World Economic Forum

The need for speed makes digital transformation an imperative. You should transform your processes fast so your company will not be left behind.



## Chapter II: Slow Process Mapping, Slow Transformation

### Traditional Process Mapping Delays Innovation

Traditionally, businesses conduct process mapping to evaluate their current processes, identify the gaps, and determine the ways to fill them to meet current demands.

Process Mapping, however, may no longer be effective and efficient in today's fast-changing environment because the entire process is inherently slow.

*"Back in the day, process mapping had to be completed by teams of people who met for several days to figure it out on a whiteboard or spreadsheet. In other words, it was a complete slog."*

— UIPath

### Why Process Mapping-based Innovation Is Slow

Process innovation that uses Process Mapping to identify gaps and options is time-consuming, cumbersome, tedious, and costly because it involves a series of manual processes.

### PROCESS-MAPPING-BASED INNOVATION



**Manual information gathering** through interviews, workshops, etc.



**Manual data analysis** using the whiteboard method, spreadsheets, rounds of discussions, etc.



**Manual reports creation** by stitching together the insights gleaned from the process map.



**Manual decision-making** through a series of deliberations, approvals, etc.

Time-consuming | Laborious | Subjective | Costly | Prone to error | Inefficient

## Chapter III: The Faster Process

### Process Mining

Process Mining offers a faster way to identify the gaps and options to accelerate transformation.

### What Is Process Mining?

*“Process mining is a technique designed to discover, monitor and improve real processes (i.e., not assumed processes) by extracting readily available knowledge from the event logs of information systems.”*

— Gartner

*“Process mining is about seeing the way the processes really work and interact with other processes.”*

— VentureBeat

## PROCESS-MINING-BASED INNOVATION



**Automated data collection and harmonization**



**Automated data analysis/insights generation**



**Automated reports creation and visualization**



**Data-driven decision-making**

Fast | Streamlined | Fully Automated | Low-cost | Data-driven | Efficient

## Chapter IV: Innovate As You Go

### Next-Gen Process Mining Lets You Innovate In Real-Time

Process Mining allows you to leverage readily available data, simplify the entire process through automation, and get data-driven outcomes.



#### Leverage real-time data.

Instead of “manufacturing” data through interviews, workshops, and other traditional means of data collection, Process Mining leverages transactional data, event data, and other types of data that can be captured in real-time from enterprise systems.



#### Automate the entire process.

Process Mining enables automated process discovery or process models extraction from event logs. It also automates model creation, data analysis, and data visualization — allowing decision-makers to quickly identify the specific processes, workflows, and procedures that need improvement and make data-driven decisions.



#### Get data-driven outcomes.

Because Process Mining harnesses systems-generated data, it eliminates information that is biased, subjective, and/or malicious that can skew decision-making. Process Mining provides decision-makers with history-based recommendations to ensure they achieve their innovation goals.



#### Enable real-time process monitoring.

Because Process Mining harnesses real-time data from enterprise systems, it allows you to monitor all processes, identify gaps and bottlenecks, and make smart decisions on how to best innovate your systems and processes — all in real-time. This allows your business to be more adaptive and resilient to any changes and events.

## Chapter V: Get Started With dotSolved

### Enable NextGen Process Mining Using dotSolved's Comprehensive Suite Of Data Science Solutions

dotSolved empowers businesses from various industries to accelerate Process Mining and innovation by providing them with a complete suite of Data Science solutions that help streamline the entire data-to-outcome process. The suite includes:



#### **Data Ingestion, Migration, and Validation**

Automate and standardize data ingestion, migration, and validation to harness sufficient amounts of data and eliminate errors that can influence outcomes.



#### **Operational Data Lake**

Query and process data automatically and in real-time. Ensure that data integrity and security are intact as it moves in and out of databases.



#### **Real-Time Processing And Analytics**

Enable continuous innovation by streamlining insights generation. Automate management and monitoring of patterns, trends, and anomalies and optimize prediction, recommendations, and explorations.



#### **BI/DW, ML Modeling, and Business Intelligence Hybrids**

Enable smarter Process Mining to accelerate outcomes. Take advantage of Machine Learning to enable Intelligent Automation, which, unlike traditional automation, consumes real-time or stream data to learn new patterns and trends.



#### **Data Visualization & Discovery**

Easily understand what data says about your current processes using visual graphics. Turn insights into stories to see the full context and pinpoint the right innovation strategy to use. Graphically present root causes and what-if scenarios in a way that even business or non-technical users can understand.

## Why dotSolved

dotSolved is a business process-focused technology transformation consulting firm. We specialize in Process Mining, helping businesses align to transformation goals and select the right technology platforms to help them scale in their process.

As process-centric consultants, we can uniquely help in hyper-automation and deliver trained digital assistants for the most complex processes.



### Standardize

Audit and move all your custom and siloed enterprise apps to standard, cloud-based services.



### Sustain

Ensure your changing business models and processes are sustained by applications, data, and insights.



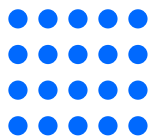
### Scale

Transform your siloed operations into an intelligent, always-aware, automated enterprise.

## Summary & Conclusion

In today's Digital Era, you need to accelerate innovation to stay in front of the competition.

You can accelerate transformation by using Process Mining instead of Process Mapping, which is inherently manual and slow. You can further optimize Process Mining by using dotSolved's cutting-edge Data Science solutions, which allow you to rapidly identify gaps in your process and options to speed transformation.





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## About dotSolved

dotSolved, headquartered in Silicon Valley USA, is a leading global provider of business process automation, modern application engineering, and cloud infrastructure services. dotSolved focuses on enabling digital transformations for small, medium, and large enterprises in HiTech, BioTech, CleanTech, Energy, eCommerce, Retail, and Insurance industries.

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