



STRATEGIC PROCESS TRANSFORMATION IS AN ESSENTIAL KEY TO UNLOCKING TOMORROW'S AUTOMOTIVE INDUSTRY. The automotive industry has been facing tremendous change. New challenges and rapidly changing conditions create a volatile business environment, raising the need for efficient and sustainable operations while always focusing on customer's needs.

In this booklet, we outline some of our solutions to drive transformation in the Automotive industry. We have proven the power of strategic process transformation to tackle inefficiencies in business processes, focus on customer satisfaction and generate sustainable value for our clients.

We are happy to get in touch and discuss how to support and accelerate your transformation.

We are looking forward to hearing from you!

Best regards,

Thomas Both

Global Lead Process

Mining & Analytics

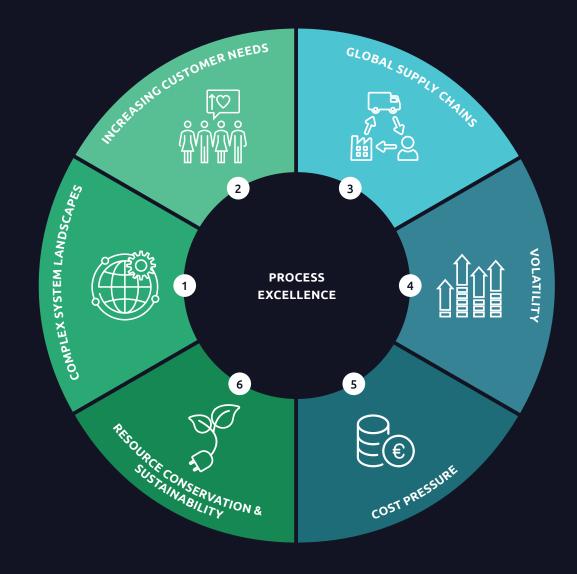
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Germany

AUTOMOTIVE PRODUCTION IS CURRENTLY FACING GREATER PRESSURE THAN EVER BEFORE

... and is exposed to influences from various directions. For example, it is characterized by complex system landscapes, increasing customer needs, ever more networked global supply chains, volatility in the markets, immense cost pressure, and the constant striving to conserve resources and become more sustainable.





^{*} capgemini.com/wp-content/uploads/2020/02/Report---Auto-Smart-Factories.pdf



COMPLEX SYSTEM LANDSCAPES

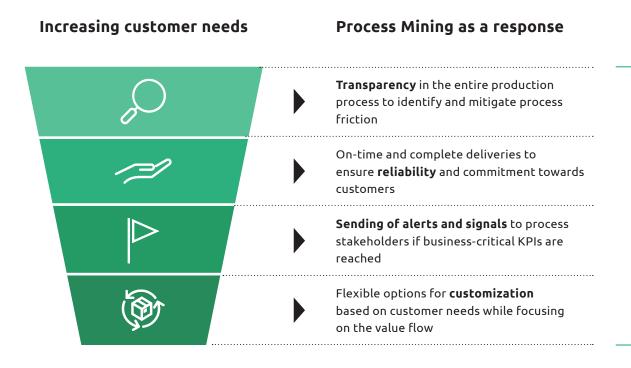
Within complex system landscapes, Process Mining enables end-to-end monitoring and proactive steering to optimize the value chain

Source system-independent and continuous analysis of the process through Process Mining XML Examination and analysis Establishment of a centralized control of processes across cockpit for a holistic process boundaries view of the value stream DIFFERENT **SOURCE SYSTEMS** Communication and control based on process-Support for vertical and relevant key metrics horizontal integration from procurement over along the value chain production to sales



INCREASING CUSTOMER NEEDS

Process Mining reveals interdependencies of processes to respond more effectively to increasing customer needs



Transparent and efficient processes increase customer satisfaction and top-line growth

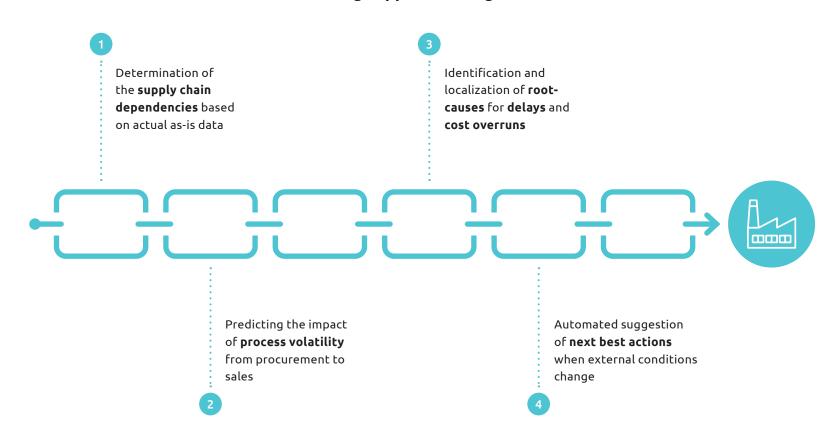




GLOBAL SUPPLY CHAINS

Complexity and uncertainty can be reduced along the entire value chain by analyzing root-causes and impact of process deviations

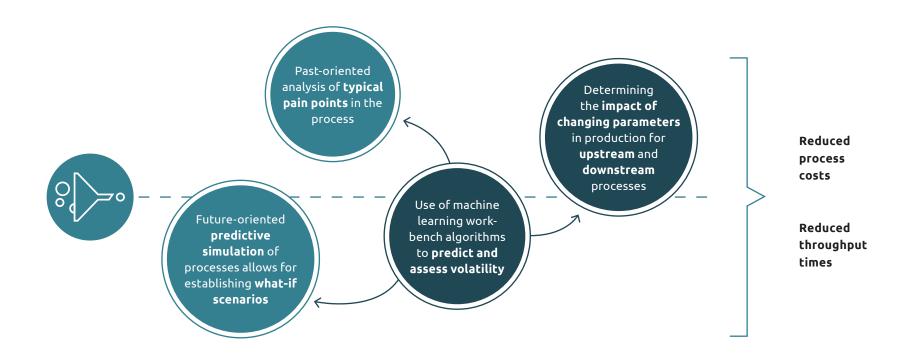
Process Mining supports through





VOLATILITY

Process cost and throughput times can be reduced by using machine learning workbench algorithms and simulation capabilities of Process Mining

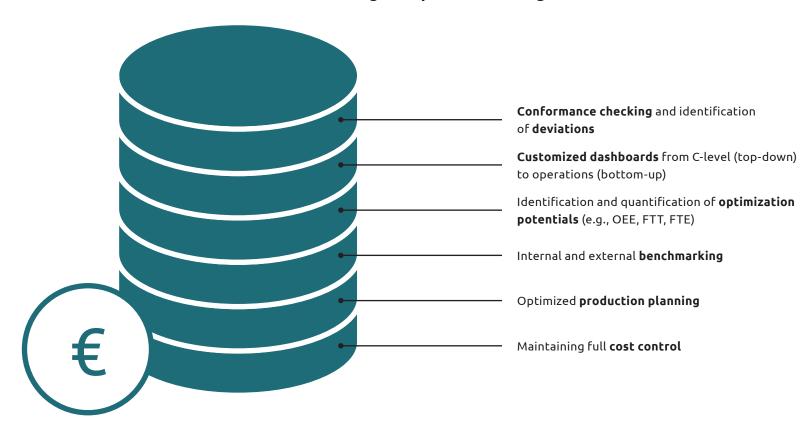


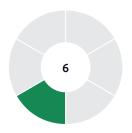


COST PRESSURE

In contrast to conventional BI solutions, Process Mining applies real-time efficiency and root-cause analysis to reduce cost pressure

Handling cost pressure through:

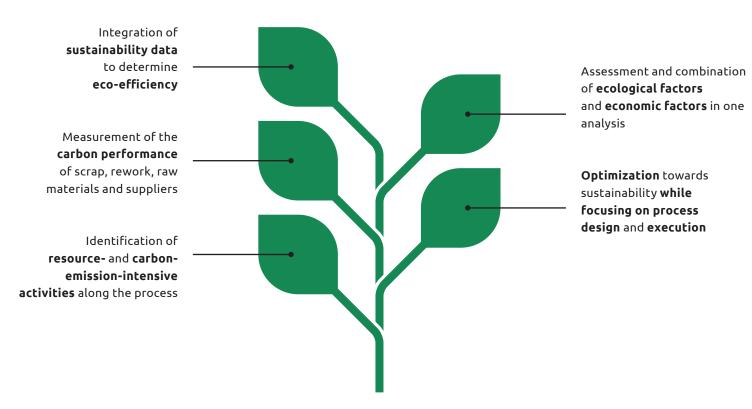




RESOURCE CONSERVATION & SUSTAINABILITY

Processes can be designed more sustainable by including emission data in Process Mining analyses

Identify alternative ways to execute the process with lower carbon emissions and resource intensity through Process Mining



THE CURRENT CHALLENGES OF THE AUTOMOTIVE INDUSTRY CAN BE MASTERED BY LEVERAGING PROCESS EXCELLENCE













Easy data preparation and analysis

Use of existent data

Transparency in complex system landscapes

Intelligent process execution

Tracking of process-related KPIs

Improvement of data quality

Analysis of production parameters

Continuous monitoring of the value stream

Root-cause analysis

Digital file for parts containing all relevant information

INVENT, DESIGN AND DELIVER OPERATIONAL EXCELLENCE AT SCALE

As your end-to-end partner, we combine all capabilities from strategy to operational implementation

Joint project track record

We have a strong footprint in business strategy, digital transformation, customer centricity and understand the current changes within the automotive industry.

Established partner

We have been successfully delivering projects within the automotive industry and are aware of present and future challenges.

Customer-centric approach

In our strategic approaches, we put the end customer at the center and accelerate your sustainable business growth with our proven E2E digital capabilities.

Maximum velocity

Speed is key in the digital era. With our E2E competence we will leverage our strategy expertise and implementation capabilities to support you in achieving quick results.

AUDI | BMW | Bosch | CARIAD | Daimler Mobility | Daimler Truck | DUCATI | Fisker | Ford | HONDA |
Lucid | Lynk & Co | MAN | MASERATI | Mercedes-Benz | Michelin | PANASONIC | Polestar |
Porsche | Punch Powertrain | PSA AUTOMOBILES | RENAULT | Scania | SEAT | SKODA | Smart | Stellantis |
Subaru | Suzuki | Tesla | TOYOTA | VOLKSWAGEN AG | Volvo AB | Yamaha

SELECTED CLIENT REFERENCES

KEY PARTNERS

Adobe | aws | celonis | DELL | Google Cloud | IBM | Mehrwerk | Microsoft | Mulesoft | ORACLE | salesforce | SAP | SITECORE | UiPath



LET'S BREAK UP YOUR SILOS



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TAKE YOUR VALUE STREAM TO THE NEXT LEVEL



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