

# Standard data modeling approach

## Limitations for business transformation



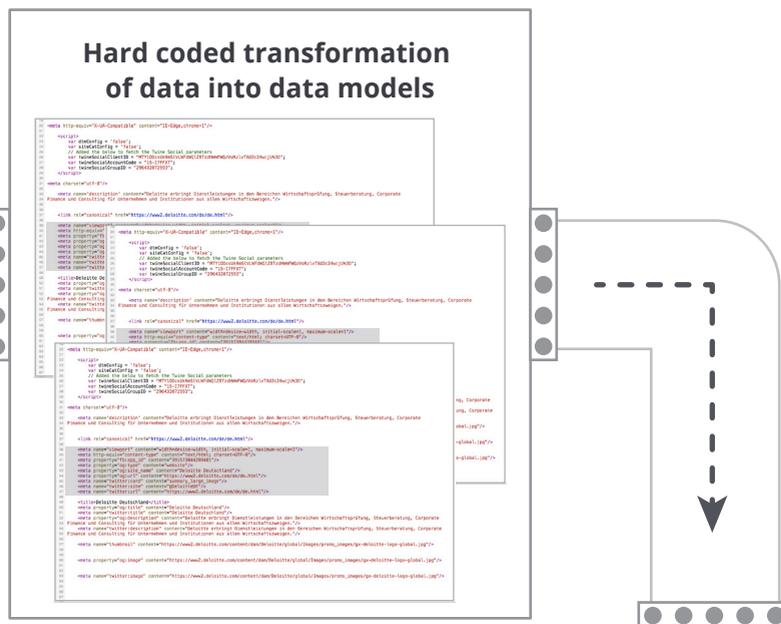
One separate data model and set of dashboards per sub-process



Manual integration of new data sources or changes in data structure



Licensing based on the number of data models



Separate data model (and license) per subprocess

Procurement



Warehouse



Accounting



# Center of Process Bionics

## Olly Salzmann

Global Bionics Lead  
Mobile: +49 (0)151 5800 2836  
osalzmann@deloitte.de

## Tobias Unger

Head of Center for Process Bionics  
Mobile: +49 (0)151 1829 5973  
tunger@deloitte.de

## Frank Franzlik

Director  
Mobile: +49 (0)151 5807 5561  
franzlik@deloitte.de

## Ralf Wiesmann

Director  
Mobile: + 49 (0)151 1829 4237  
rwiesmann@deloitte.de

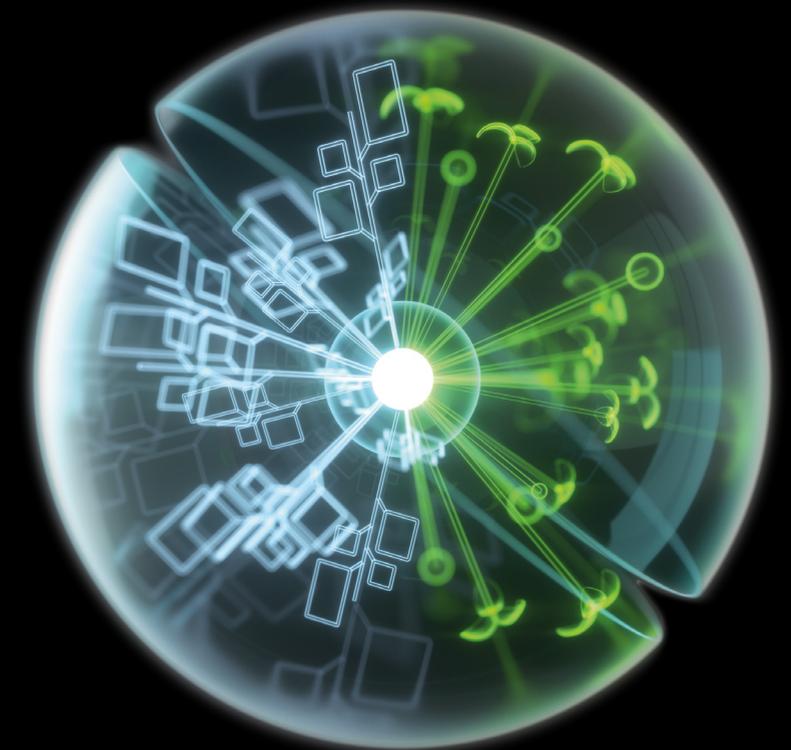
# Deloitte.

This communication contains general information only not suitable for addressing the particular circumstances of any individual case and is not intended to be used as a basis for commercial decisions or decisions of any other kind. None of Deloitte GmbH Wirtschaftsprüfungsgesellschaft or Deloitte Touche Tohmatsu Limited, its member firms, or their related entities (collectively, the "Deloitte network") is, by means of this communication, rendering professional advice or services. No entity in the Deloitte network shall be responsible for any loss whatsoever sustained by any person who relies on this communication.

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee ("DTTL"), its network of member firms, and their related entities. DTTL and each of its member firms are legally separate and independent entities. DTTL (also referred to as "Deloitte Global") does not provide services to clients. Please see [www.deloitte.com/de/UeberUns](http://www.deloitte.com/de/UeberUns) for a more detailed description of DTTL and its member firms.

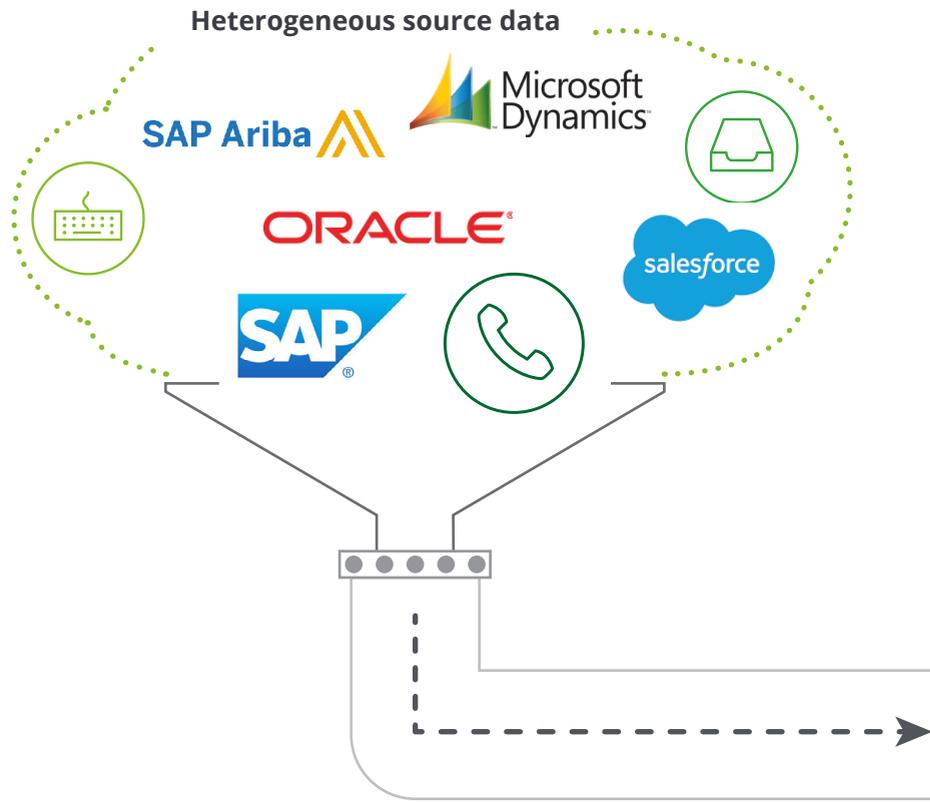
Deloitte provides audit, risk advisory, tax, financial advisory and consulting services to public and private clients spanning multiple industries; legal advisory services in Germany are provided by Deloitte Legal. With a globally connected network of member firms in more than 150 countries, Deloitte brings world-class capabilities and high-quality service to clients, delivering the insights they need to address their most complex business challenges. Deloitte's approximately 312,000 professionals are committed to making an impact that matters.

# Deloitte.



**Process Bionics at Scale**  
Reaching tangible impact more efficiently

# Challenges for Process Mining at scale

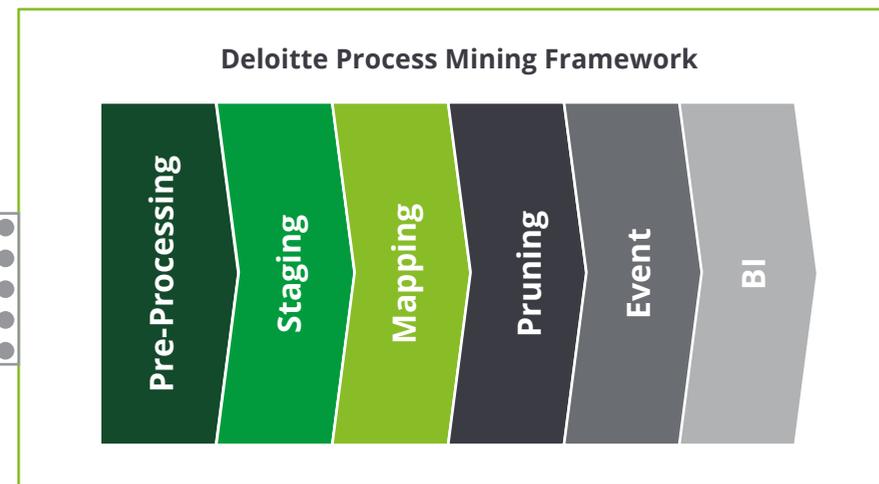


- End-to-end processes often span multiple source systems and time zones
- Most landscapes include proprietary components (configuration, tables, systems)
- Multiple languages are used in meta information and transactional data
- System usage and corresponding data traces vary amongst operational teams
- Process KPIs are not harmonized across business units and regions

# Deloitte Process Mining Framework

## Benefits for technical implementation

- Configurable modular structure maximizes re-use and flexibility, while ensuring corporate level scalability
- Proven modelling methodology minimizes effort for data modelling, maintenance and enhancements
- Optimized processing pipelines allow high speed data refresh even with large data sets



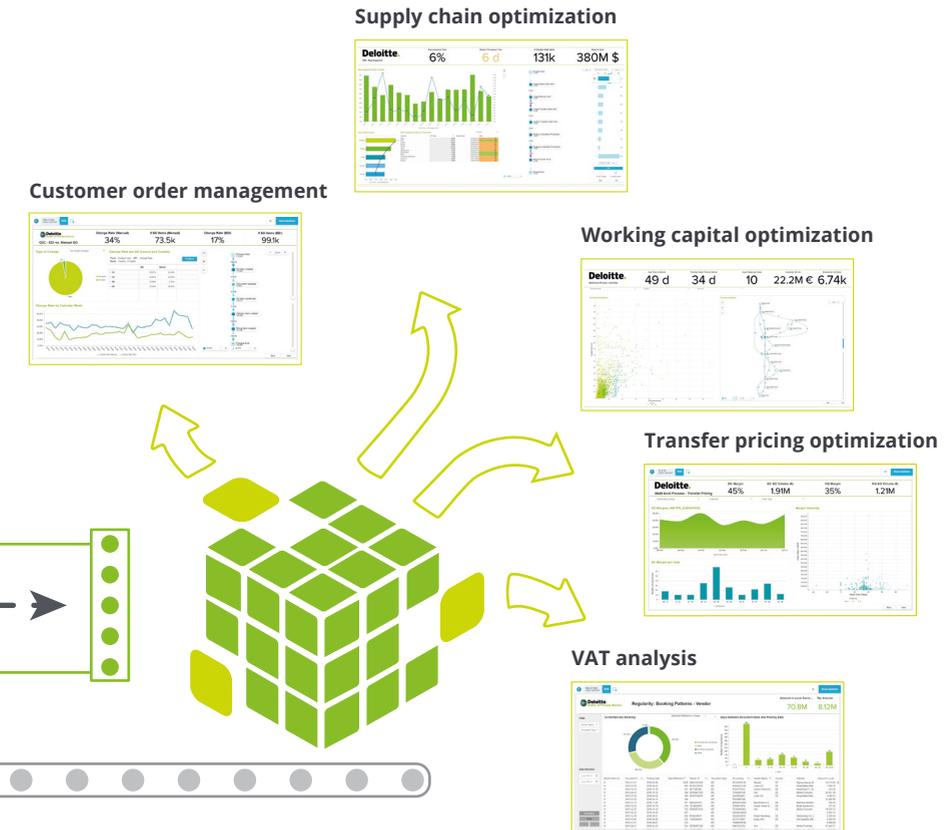
## Benefits for business transformation

- Multiple process anchors implicitly supported to create a real process twin without excluding incomplete process flows or special process types (e.g. FI-only procurement)
- Advanced root-cause analysis through multi-dimensional meta data (covering all process related objects) and time-zone harmonization
- Internal benchmarking enabled through harmonization of comparable processes

# Deloitte Process Bionics AppStore

## One data model for end-to-end transparency

(e.g. procurement, warehouse, accounting)



## Other use cases e.g. M&A carve-out, RPA, SAP Migration, ...

- Repository of dashboards and back-end data models based on Deloitte Process Mining Framework (source system agnostic)
- Proven hypothesis-driven analysis dashboards from different angles (e.g. intercompany end-to-end O2C process, credit risk, EDI, transfer pricing) for functional as well as cross-functional issues
- Process analysis apps for Manufacturing, FSI, Life Science, Automotive and other industries