

The background of the top section is a dark blue space-themed image. It features a complex network of glowing blue and yellow nodes connected by thin lines, resembling a data network or a constellation. In the upper right, there's a bright blue light source, possibly a star or a nebula, with a lens flare effect. The overall aesthetic is futuristic and technological.

Global IT

Growing Together.

Innovation through effective Data Management

Enable your Data Driven Organization with a Data Factory Approach

Thomas Speck | TRUMPF SE + Co. KG

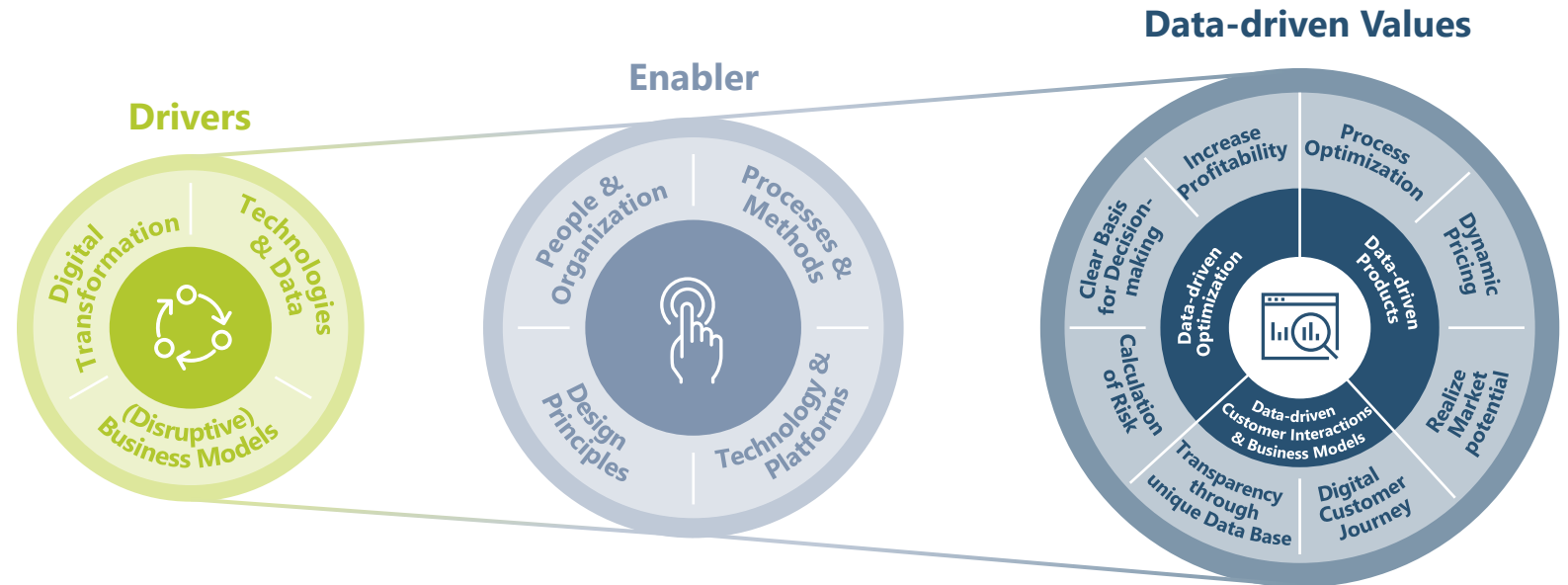


Systematic Use of Data offers new Potential for Value Generation

Foster Innovation through effective Data Management

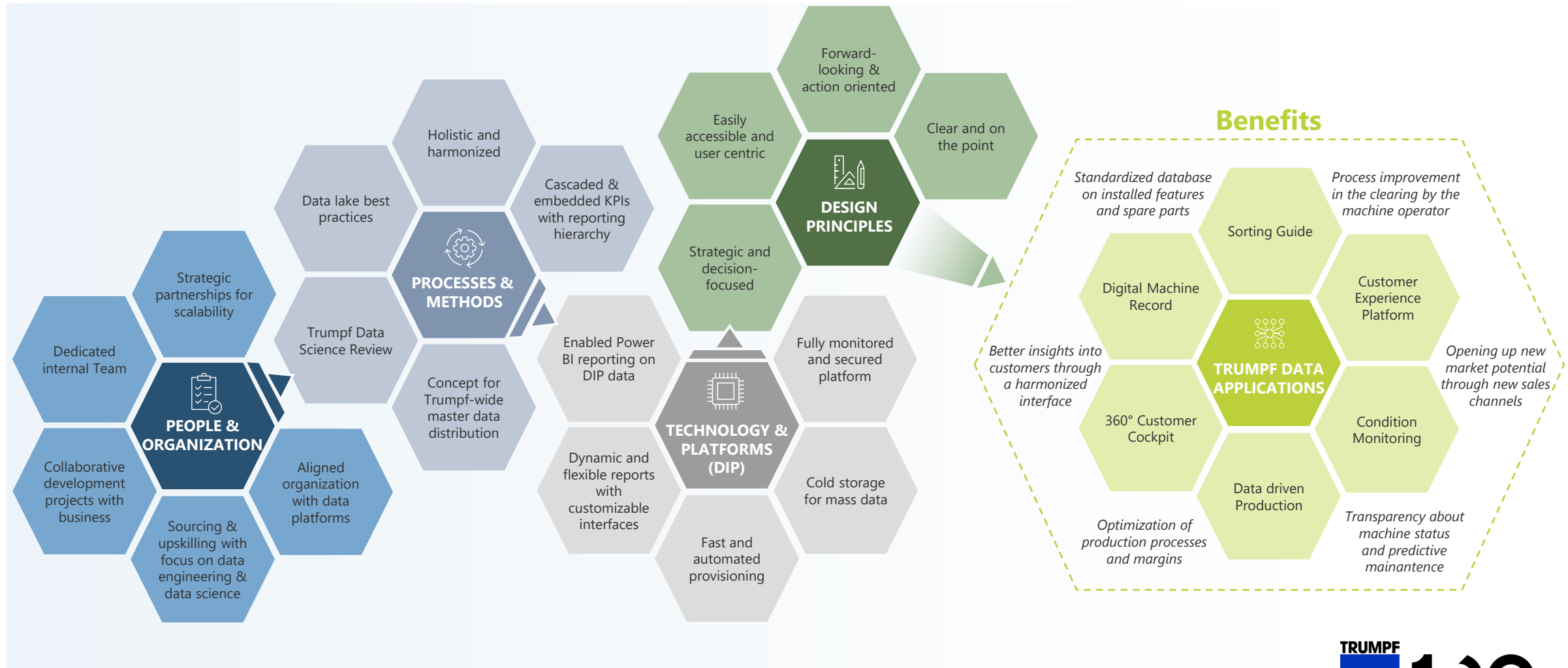
Hypothesis:

We have data, which improves our decision-making capability	>
We can identify inefficiencies using data and reduces costs by eliminating them	>
This helps us to improve the customer experience and innovate new products	>
We see additional potential, that gives us a competitive advantage	>



Transformation to effective Data Management @ TRUMPF

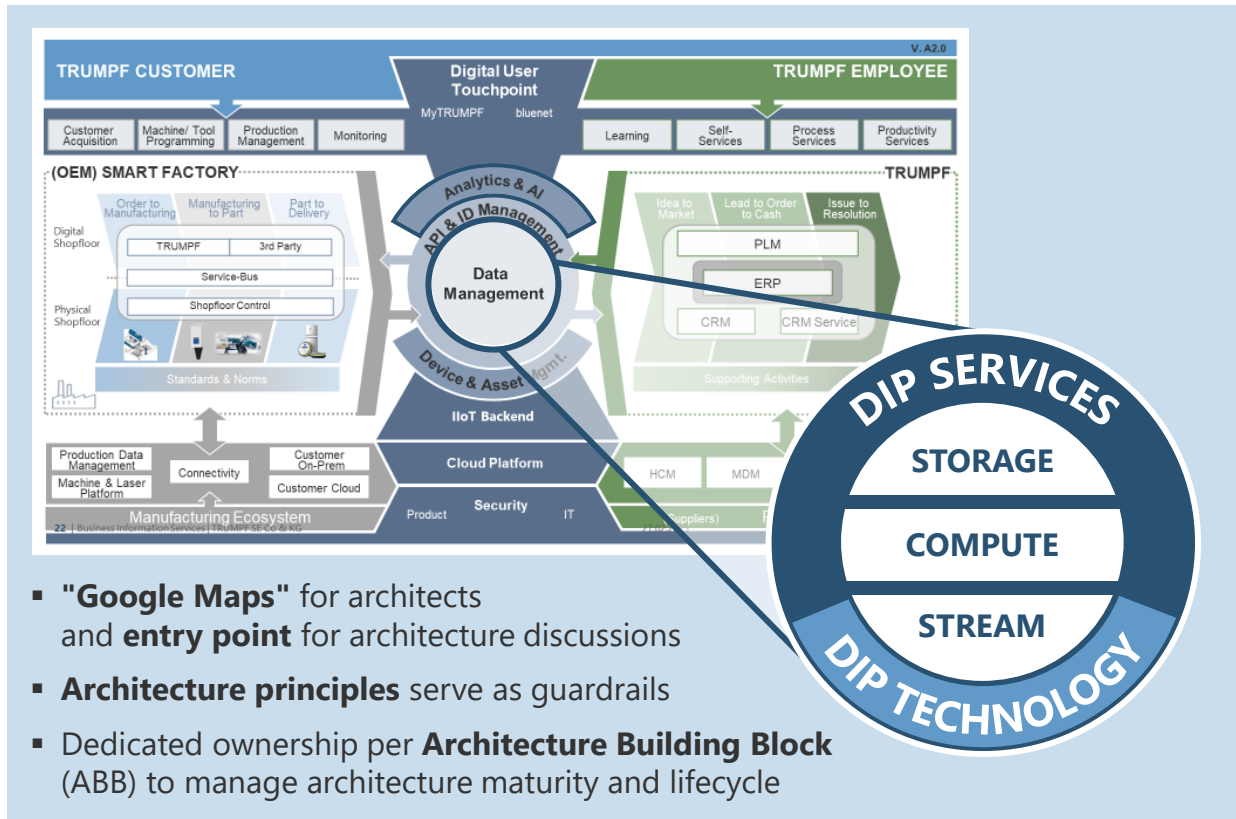
From methodological and technological Implementation to productive Business Applications



DIP as core Component of the TRUMPF Reference Architecture

Data hub to connect all components to maximize Benefits and reduce Time-to-Market

TRUMPF Digital Reference Architecture powered by ...



[Link to Whitepaper „TRUMPF Digital Reference Architecture“](#)

Enterprise Architecture Management



Enable **strategic decisions** with direct impact



Ensure **reusability** for close alignment with the strategy



Balance between **innovation and pragmatism**



Identification and leveraging of **synergies**



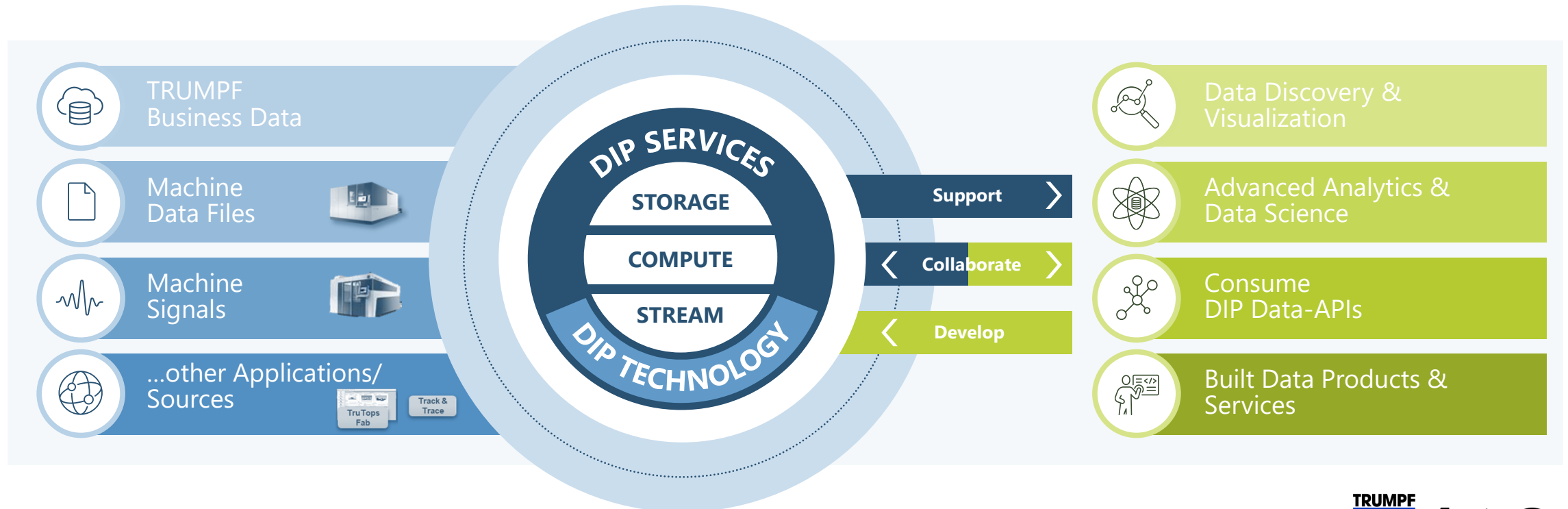
Collaboration and coaching to increase **adoption**

DIP is evolving into a Data Ecosystem of Value-added Services

Enabling our Stakeholders to use the Data for new Insights, Products and Services

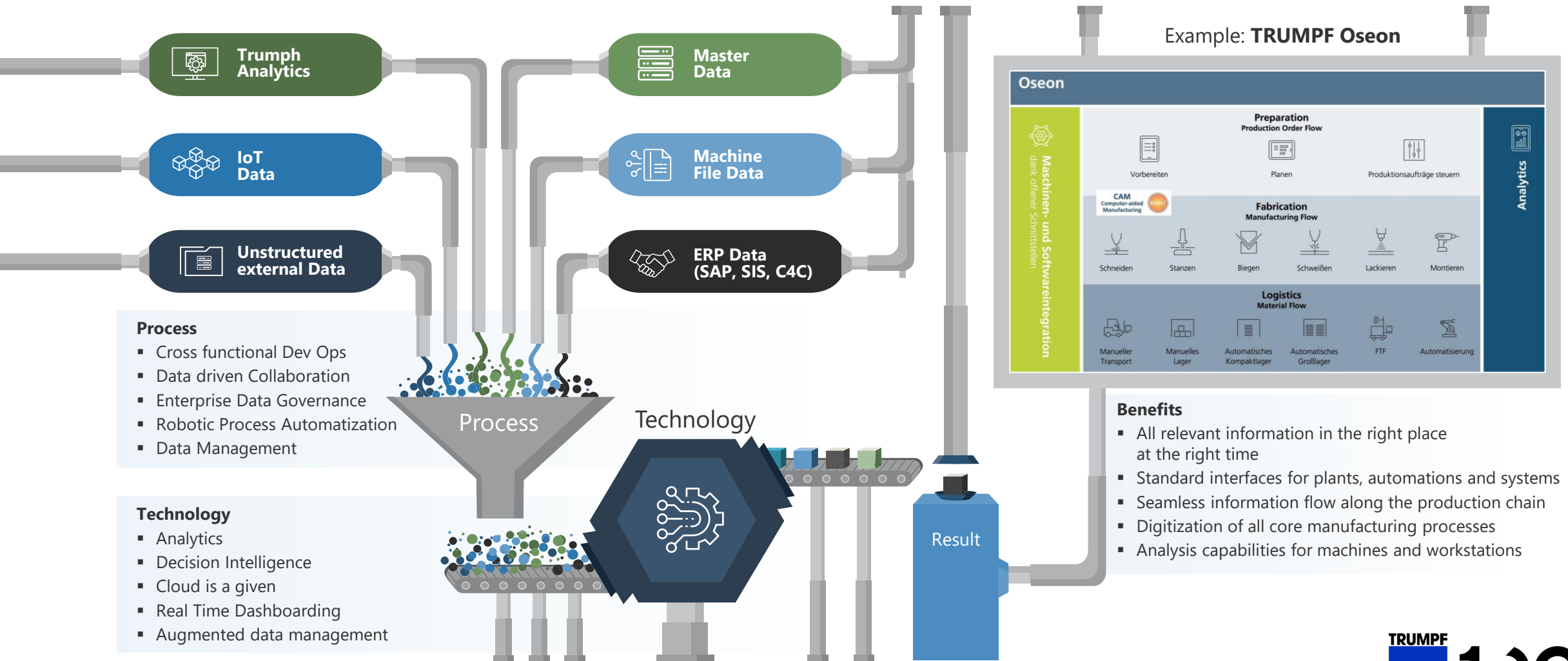
Data Ecosystem of scalable Technologies:

- **Fast data integration** into the DIP ecosystem (DataOps)
- Data **harmonization and standardization** where useful and needed
- Integration with **API management** for fast, secure & transparent 'data APIs'
- Framework for **decentralized development** (self-service) in a central platform
- **Data Governance & Data Security**
- **Business Analysis & Solution Design**



Delivery Model of the Future: Data Factory for Data-driven Values

Our Data Factory will enable rapid Development & Integration of new Digital Products in our Ecosystem



Example: **TRUMPF Oseon**

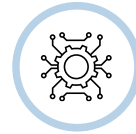
- Process**
- Cross functional Dev Ops
 - Data driven Collaboration
 - Enterprise Data Governance
 - Robotic Process Automatization
 - Data Management

- Technology**
- Analytics
 - Decision Intelligence
 - Cloud is a given
 - Real Time Dashboarding
 - Augmented data management

- Benefits**
- All relevant information in the right place at the right time
 - Standard interfaces for plants, automations and systems
 - Seamless information flow along the production chain
 - Digitization of all core manufacturing processes
 - Analysis capabilities for machines and workstations



Major Lessons Learned



Data-driven Mindset

Create mindset for the importance of data and enable management teams for daily data-driven leadership



Value Driver

Value generators should be driven by the business and specified clearly and uniformly over the entire organization



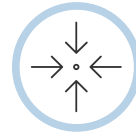
Sustainable Approach

End-to-end implementation and state-of-the-art technology and willingness to invest continuously



Data Integrity

Ensure data integrity through adherence to business processes and anchoring in the BPM organization



User Centric

Easy access to data and creation of self-service solutions

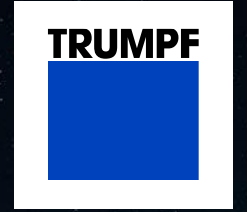


Trusted Advisor

Provide strategic guidance to the business to develop and implement new data-driven customer solutions

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Session Title: Innovation durch effizientes
Datenmanagement



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