Erleichterung der ESG-Berichterstattung mit digitalen Zwillingen







This is us.

Responsible. Reliable. Competent.





Our Mission & Vision Statement.





Our Vision:

We are a full-range software partner and drive the digital future of our customers.

Our Mission:

We turn visions for a digital world into reality.

Our Services.

Comprehensive. Clear. Customized.



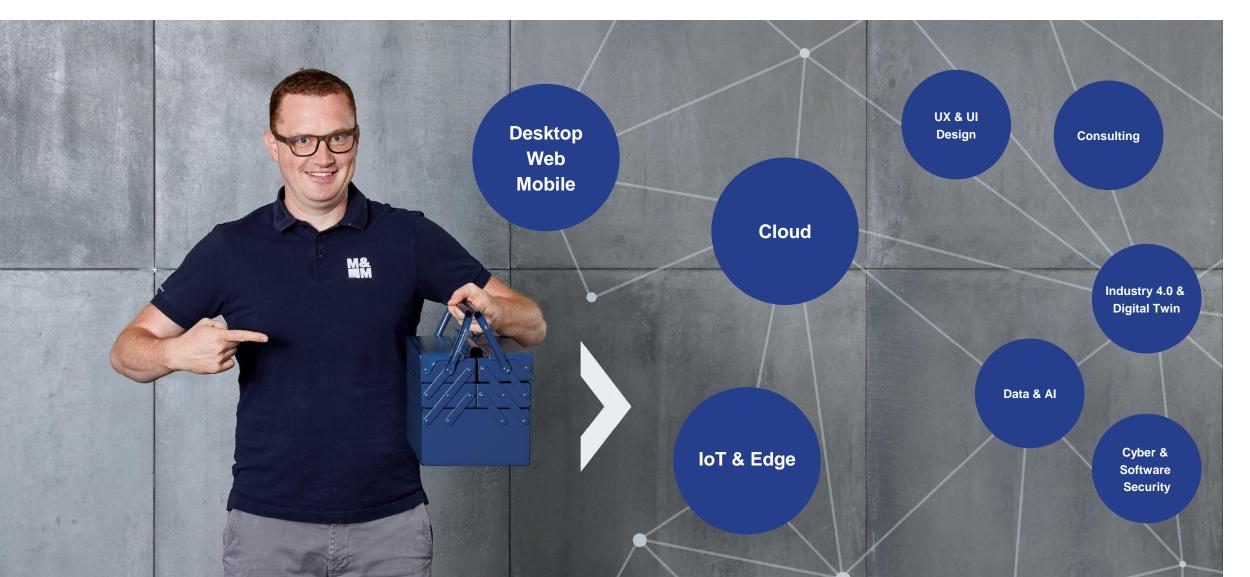


Our Competencies.

Innovative. Safe. Diverse.







Our References.

Powerful. Innovative. Global.



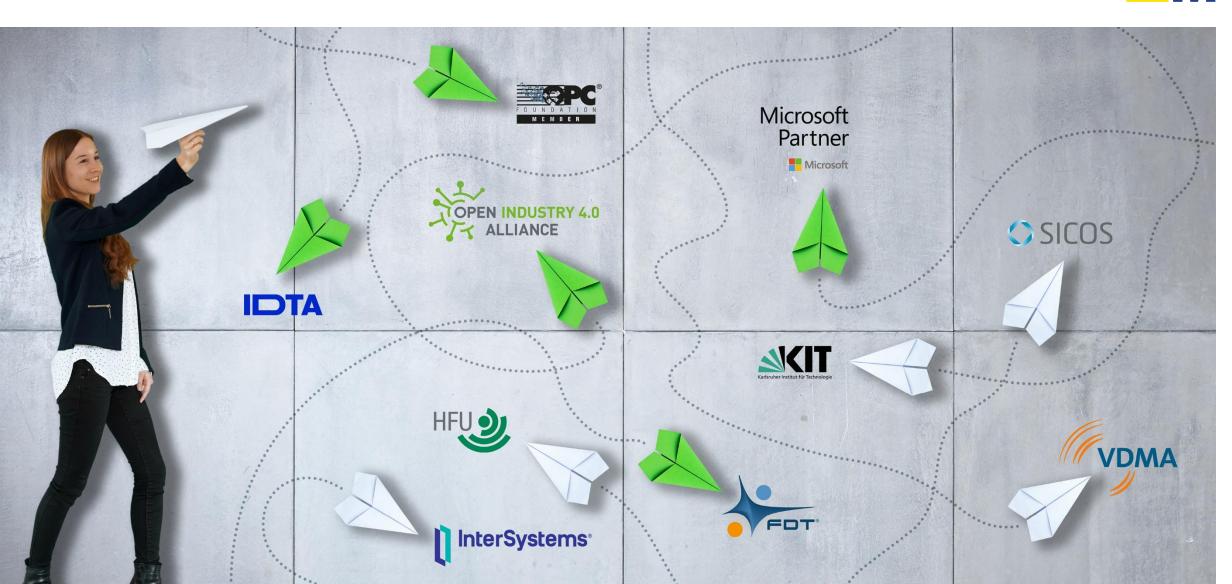




Our Network.

Sustainable. Inspiring. Open.





/imagine "Frankfurt city skyline today."





/imagine

"Frankfurt am Main city skyline in the future year 2100.





All tipping points in the climate system are passed. Impact of the Climate change are measurable."



/imagine

"Frankfurt am Main city skyline in the future year 2100. All Sustainable

Development Goals SDG of the UN are reached. The impact of the European Green Deal is measureable."



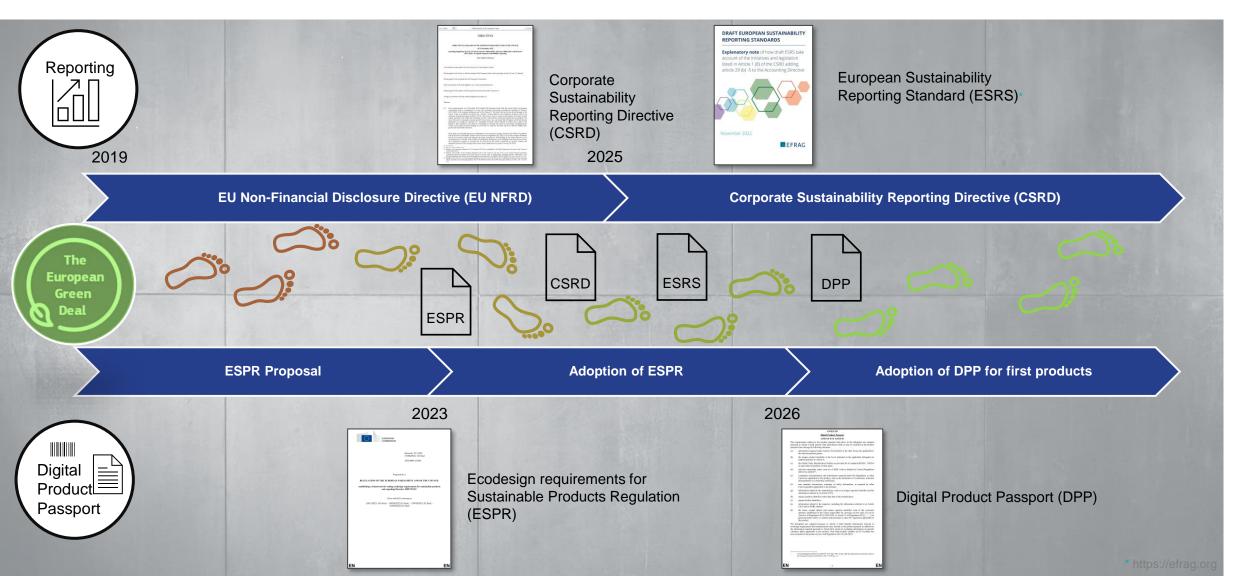




European Green Deal | Upcoming Legislation

InterSystems Creative data technology





Environmental Data Collection

Today:

Carbon Footprint and other environmental data mostly determined with database values



InterSystems M&

Creative data technology

Eco-Design Requirements for Sustainable Product Regulation (ESPR) | Roadmap







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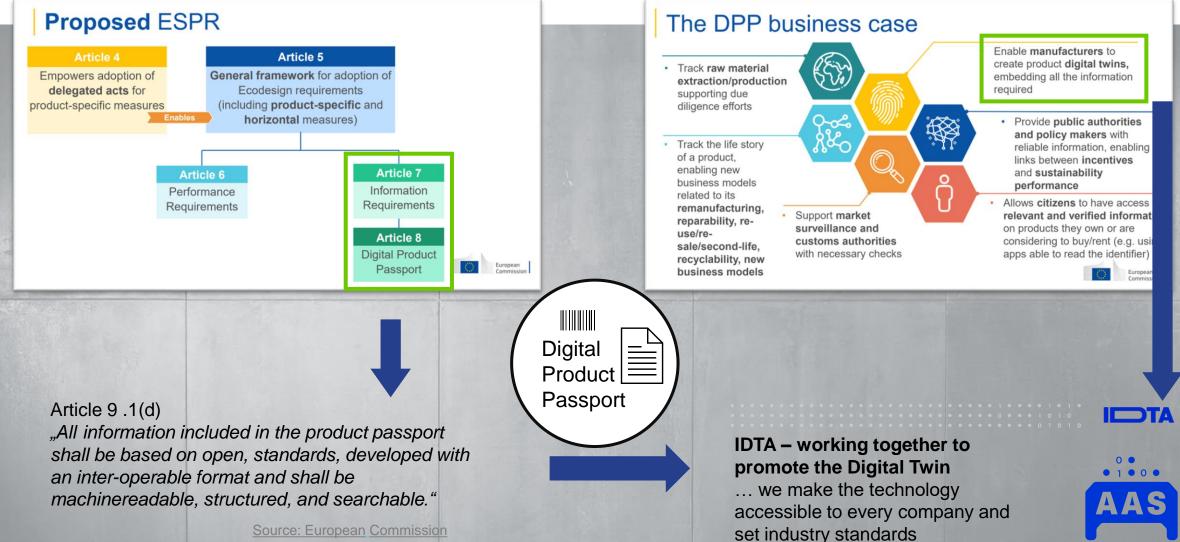


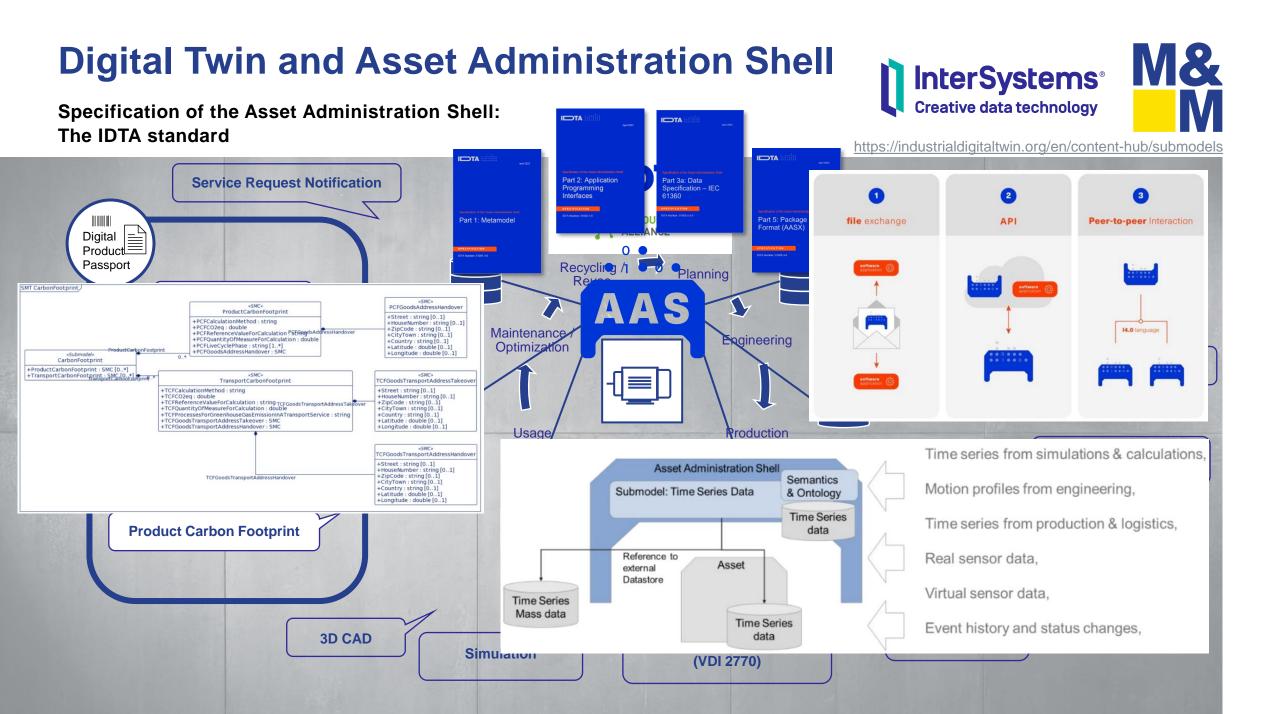


Eco-Design Requirements for Sustainable Product Regulation (ESPR)





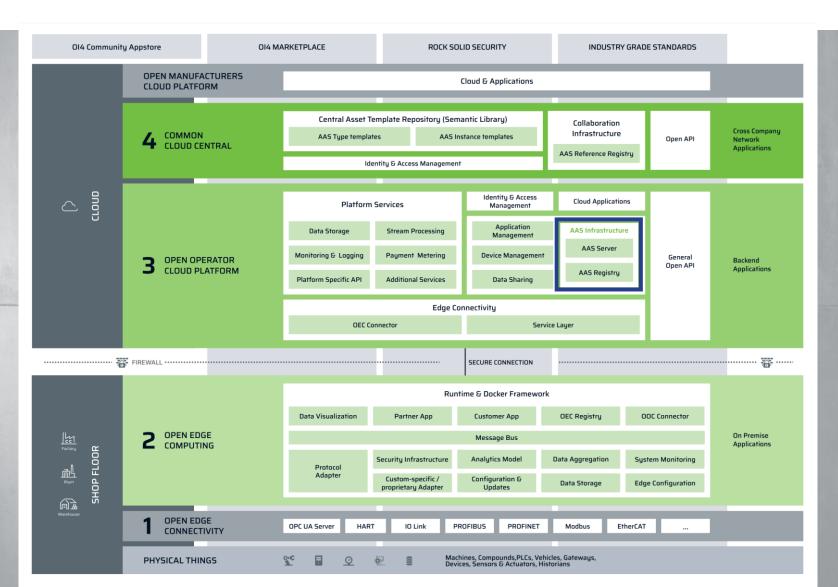




Reference Architecture OI 4.0









PLM	MOM
PPS	MDE
ERP	

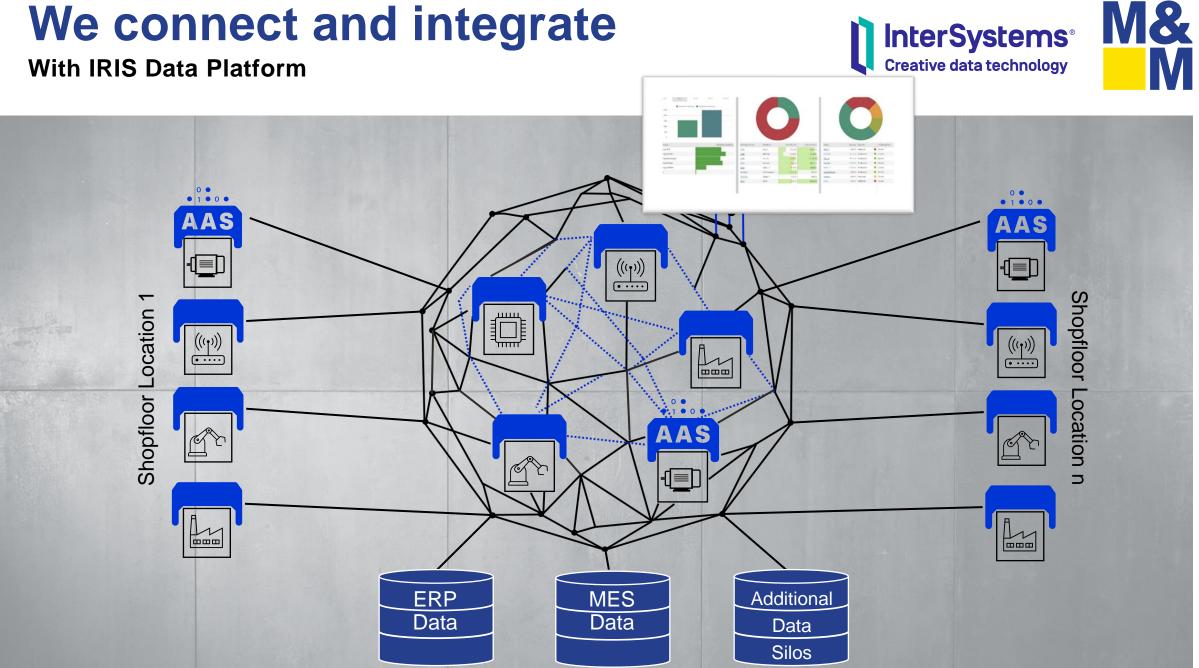
OPC UA	MQTT
REST	SQL
SOAP	ТСР
FTP	

Transform to ->



Implement ->

DPP, ESG Catena-X EU-Data-Act VDI 2770 Analysis, BI Circularity

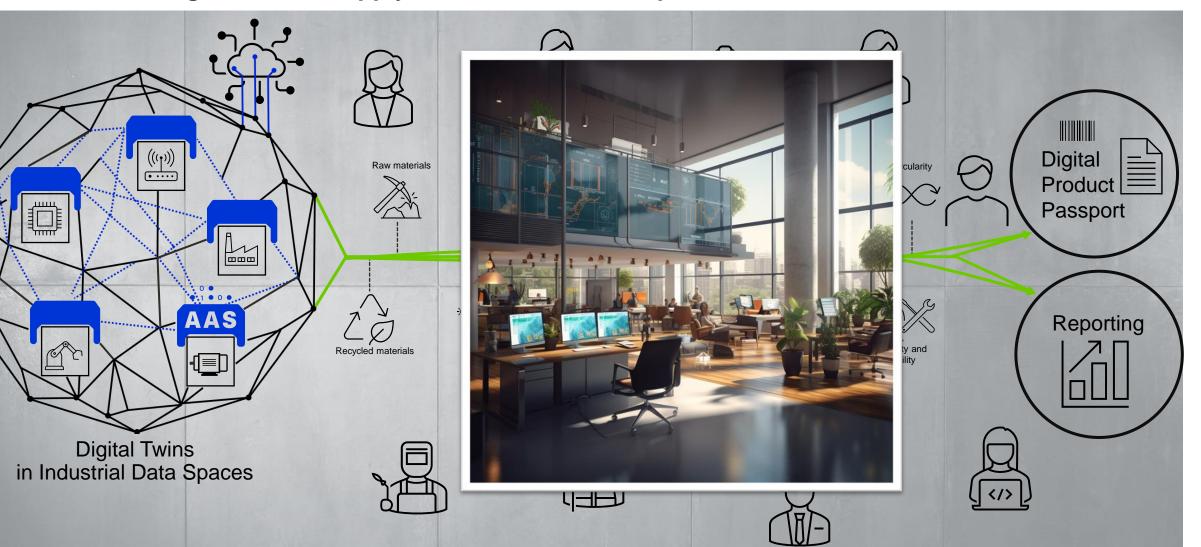


We connect and integrate

Environmental Data with Digital Twins

Future: Carbon footprint and other environmental data must be traceable along the entire supply chain based on real production data.





CE VDE GS AAS on Intersystem IRIS EPD DGNB Navigator **Digital Twin Strategy and Use-Case** Audit results **Priorization** Balance Digital Score Asset Administration Shell Product Card Passport Materia AAS Modelling intensity Carbon Employees Footprint AAS Frameworks Reporting Supplier **Data Management** certification Water quality 们 & consumption **Connectors and Integration Productions** GRI GRESB Energy Management consumption DNK SASB Soil degradation ESPR KPI's for ESG **Typical Usecases / Submodels Digital Nameplate Digital Product Passport** Digital **Product Carbon Footprint** Product Passport Handover Documentation **Technical Data** Z D Recycled materials Reporting **Condition Monitoring Predictive Maintenance**

to structure and streamline your (sustainability) data

Our Offering



