



DATA IN MOTION

Data In Motion Consulting GmbH

SMARTCITY
EXPO WORLD CONGRESS



welt
offenes
Thüringen



Smart Governance Framework



Imagine your data is a giant box of Lego bricks. You know it's filled with countless golden bricks of all shapes and sizes, forming the very foundation of your digital transformation.

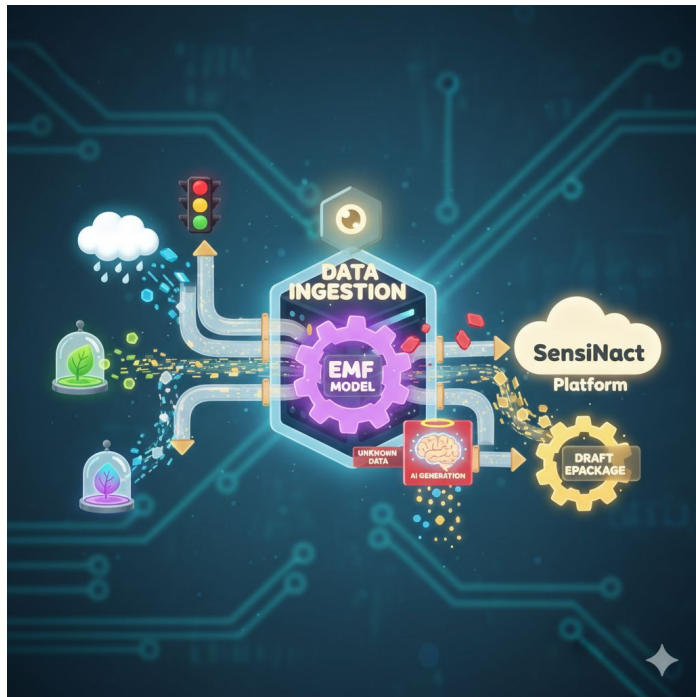
We don't just help you sort and organize – we develop the blueprints with you for new perspectives.



- In the Smart Cities, data is **everywhere**
- Data come from a variety of **sources** (buses, trams, software-systems, databases, files, sensors, citizens, etc.)
- Data come via a variety of **protocols** (MQTT, HTTP, LoRaWAN, etc.)
- Data come in a different **quality** and **quantity**



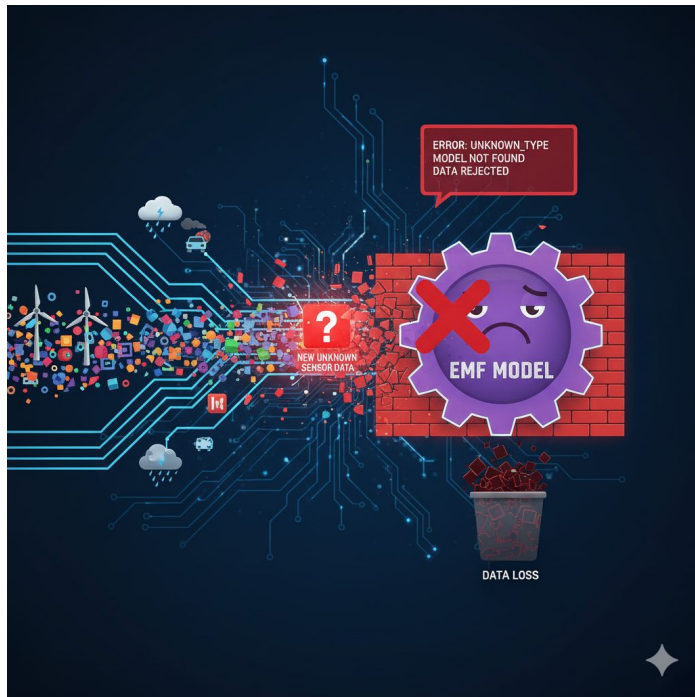
An Infrastructure to Govern Them All



- Providing a **Source of Truth** for your data structures
- Easily verify your structures and data against **compliance rules**
- Pushing data to a generic and extensible IoT Broker, for **real-time applications, analytics,** and visualization;
- Use **ML/AI** to help us dealing with unknown data structures.
- **Integrates into your existing systems**



The Role of ML / AI



- If new data structures comes into play, we do not know how to deal with it
- We can import them
 - Schemas: XSD, JsonSchema, UML
 - Databases
 - OpenAPI
- But sometimes we just have not well documented data
- Here is where AI can help us!



Without AI ...



- The new data has to be analyzed;
- A new data structure for it has to be **manually** created / formalized
- Documentation and **compliance checks** have to be **manually** done
- The validation of the structure has to be tested **manually**
- **This costs a lot of time and therefore money!**



With Smart Governance ...



- **Govern the data of your infrastructure**
- **Define your IT infrastructure**
- **Automated documentation, reports and compliance check**
- **Automated and AI guided data structure imports**
- **Compliance-gated release process**
- **Reduce manual efforts**
- **No code**



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Visit us in Barcelona from 04 - 06.11.2025

Hall 2 Level 0 Street B, Booth 91

Meet Jürgen Albert (CEO) and Mark Hoffmann (CEO/CTO)

We are looking forward to talking with you.