



## DATA MANAGEMENT & ANALYTICS

### Create the basis for engineering processes

Digitalization is leading to a rapid increase in data volumes. Artificial Intelligence (AI), the Internet of Things (IoT) and virtual product development are continuously expanding the volume of corporate data. That is why the analysis and management of data are becoming ever more important, in order to safeguard quality, consistency and governance of data.

Today, optimized processes are already one of the decisive key competencies for companies. They create the basis for innovative products. The efficient administration of existing data and its analysis can sustainably improve your engineering.



## DIGITAL ENGINEERING

### Identify the value of your data

With a central and reliable data view, GNS Systems works with you to determine concrete use cases and customized service packages. We generate added value from your data.

## DERIVE MORE VALUE

## FROM YOUR DATA

We guide you in all aspects throughout the entire project:

- ✓ Identification of solution paths for data analyses
- ✓ Evaluation of suitable methods and technologies
- ✓ Examination of new components for the existing system landscape

## CONTACT

© GNS Systems GmbH  
Theodor-Heuss-Str. 5  
38122 Braunschweig  
Germany

Contact our expert team at  
+49 (0)531 123 87 15  
or visit our website  
[www.gns-systems.de](http://www.gns-systems.de)

# DATA MANAGEMENT & ANALYTICS

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## SERVICE COMPETENCE FOR YOUR AI PROJECT

GNS Systems is an IT service provider for product development and engineering. Through the introduction, integration and operation of data management and analysis tools, we sustainably improve your engineering.

- ✓ **Best technology:** Knowledge of existing technologies, selection of components and methods
- ✓ **Customer Integration:** Configuration of data flows and transformations such as the control of routines, process automation, coupling of interfaces (e.g. REST)
- ✓ **Precise Customizing:** Development of connectors for company-specific data sources and types, performance of tests for the evaluation of flows and analysis quality results
- ✓ **Complete Integration:** Installation and configuration of the analysis software, connection to visualization systems
- ✓ **System and Application Management:** Administration and patch management, monitoring and error analyses



### SOLID BASIS OF DATA

#### From Data Lake to invaluable insights

The objective of Data Management is to clean up, manage, link and archive information in a uniform manner. Our experts extract and examine this data and derive relationships between the data. The focus here is rapid evaluation capability of known data.

#### Identification of requirements

Essential to success is an easily accessible and usable base of data - along with the quality, content and format of data. During the process of comprehensive requirements management, we test existing data and, on that basis, identify the strategic and operative objectives of data analysis.



### PROOF OF CONCEPT

#### Establishing the required framework

On the basis of the tested data, GNS Systems evaluates forming and analysis options. Within the scope of a Proof of Concept (PoC), GNS Systems implements a prototype, which from the beginning demonstrate the dependence of various data and its functionality. The results provide direct insights into the feasibility of the product.

The PoC thus creates a firm basis for a transparent roadmap with concrete scheduling and financial guardrails.