



PIONEERING  
NEW MOBILITY

# CONIX DATA PROCESSING SOLUTION

Precision in data, perfection in AI

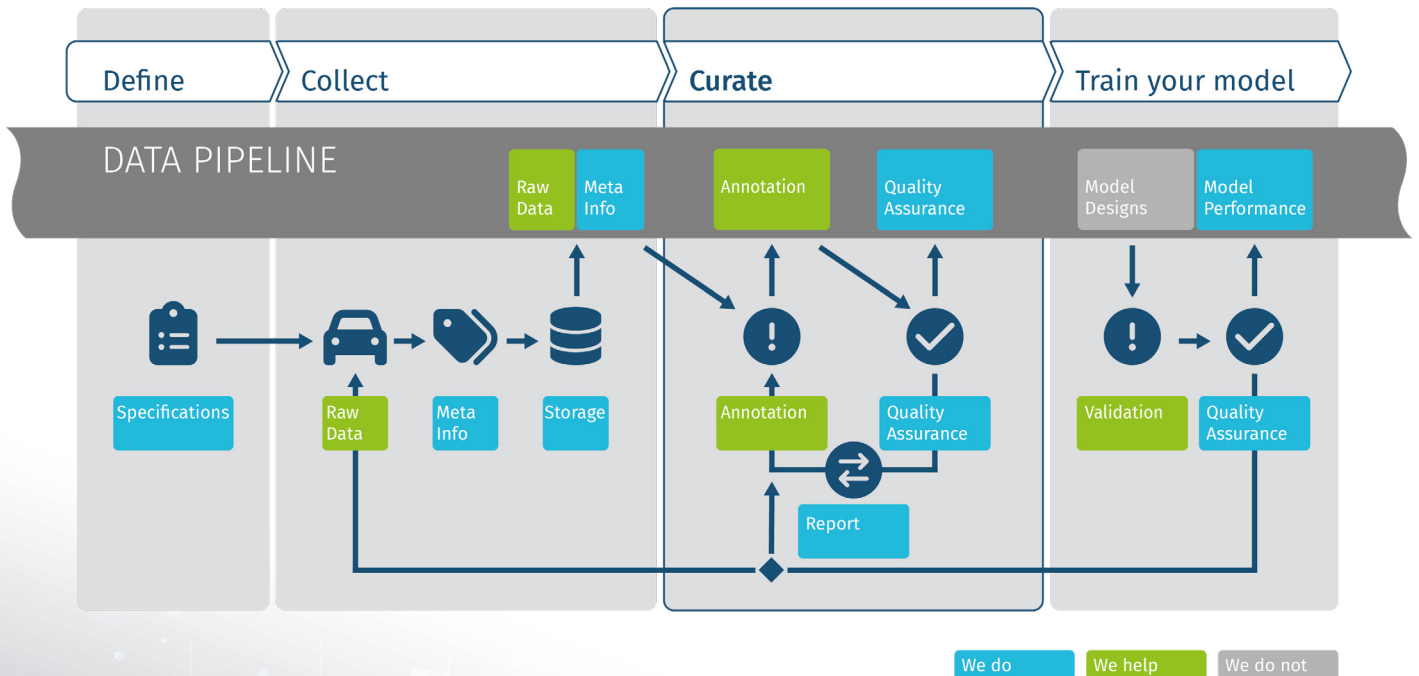
# + CONiX Data Processing Solution

Our solution to optimize your AI systems.

The quality of data sets used to train an AI system is closely related to its performance. The CONiX Data Processing Solution focuses on securing and optimizing this data quality.

- + In-depth data quality evaluation
- + Optimized specification creation
- + AI technologies for perfect data collection

We ensure that AI systems are secure, robust and, above all, reliable.



# + Obtain high-quality data to train your machine learning model with our Data Processing Services

Regardless of industry or type of sensor, whether camera or lidar, our solution will benefit all companies requiring high-quality data for training neural networks.



## Quality assurance

Our core competency lies in the evaluation of labeled data. With our evaluation you benefit from:

- + Quality assurance report
- + Including object-based error messages
- + Fixing instructions and improvement suggestions
- + Transparent and independent quality evaluation



## Specification design

Using our years of experience, we help you create precise specifications for your data, tailored to your specific requirements.

- + Analyzing your requirements
- + Setting up tailored specifications
- + Optimizing data collection and data selection



## Labeling expertise

Finding the ideal labeling company for your project with our advice. Enhance labeling precision while reducing costs.

- + Consulting activity
- + Customized pairing with the best partner to suit your individual requirements
- + Benchmarking of existing labeling companies
- + Communication and management of labeling activities



## Intelligent data collection

Our adaptive real-time algorithms can initiate recording and incorporate valuable meta information, allowing you to identify relevant scenes and streamline redundant data sets.

- + Identify relevant scenes right from the test drive
- + Generate meta information during driving
- + Sort out redundant data immediately
- + Reduce data overhead

# + Addressing your AI challenges with precise data solutions

Inadequate AI model performance due to poor data quality

Our enhanced data quality solution leads to improved AI performance, ensuring your models work smarter.

Lack of transparency in data labeling due to overwhelming amount of labels and missing visualization

We provide clear, algorithm-supported labeling evaluation, paired with manual reviews for detailed visualization in reports. This makes the complexity of data sets manageable.

No Key Performance Indicators (KPIs) for data quality, scene types or labeling progress

Our service offers comprehensive KPIs, empowering you to effectively orchestrate and fine-tune your machine learning development cycle.

No control over the labeling service provider's progress

With our evaluation and detailed reporting, you gain oversight and can benchmark your labeling process with confidence.

High costs and inefficiency due to redundant or issue-affected data

Our selection process defines and isolates only the most relevant data, streamlining your workflow and cutting unnecessary expenses.

Unsustainable data due to lack of meta information.

We enrich your data with metadata, evaluation and versioning. This makes it fully searchable and filterable, thereby enhancing data utility and accessibility.



# At a Glance: **Characteristics** of our CONiX Data Processing Solution

	Data Quality	<ul style="list-style-type: none"><li>+ Evaluate labeling</li><li>+ Attach fixing instructions</li></ul>
	Data Visualization	<ul style="list-style-type: none"><li>+ Visualize your raw data, labels and data set metrics</li></ul>
	Key Insights	<ul style="list-style-type: none"><li>+ KPIs to measure quality target</li><li>+ Metrics on raw data, e.g. class distribution</li></ul>
	Flexibility	<ul style="list-style-type: none"><li>+ Integration with existing development and test environments</li><li>+ Compatibility with all common data and labeling formats</li></ul>
	Experience	<ul style="list-style-type: none"><li>+ Experience on the labelling market</li><li>+ Advice for the best labelling partner</li><li>+ Matching specifications with labelling</li></ul>
	Connectivity	<ul style="list-style-type: none"><li>+ Remote access capabilities</li><li>+ Fast and easy access on meta data and KPIs</li><li>+ Immediate evaluation on data relevance</li></ul>
	Independance	<ul style="list-style-type: none"><li>+ Independence on quality assurance</li><li>+ Transparent and understandable evaluation</li><li>+ Sensor and industry independent processing</li></ul>
	Expert teams	<ul style="list-style-type: none"><li>+ Minimization of project escalation and validation costs</li><li>+ Achieving quality through a team of highly skilled engineers</li><li>+ Time savings due to increased process efficiency</li></ul>

**Efficiency in every step through the  
CONiX Data Processing Solution:  
precision in data, perfection in AI.**

# + Benefit from our Data Processing Services to achieve high-quality data to train your neural networks

Refocus on your core IP - we take care of your data quality

With our CONiX Data Processing Solution you don't just get one piece of the data process, but a complete solution.

We take care of the specification, collection and management of your data - **for data you can rely on.**

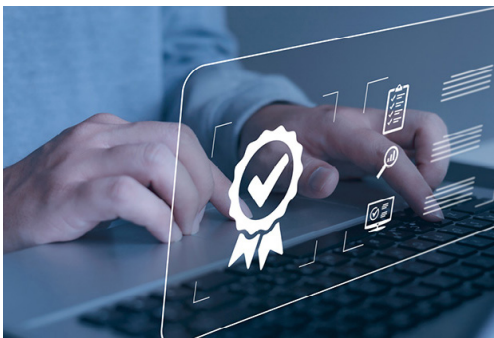


## Elevate data quality

Make sure your AI is trained with the data it deserves - the best.

## Optimize efficiency

Use only relevant data and accelerate your development cycles.



## Transparent assessment

Benefit from an independent and transparent assessment of your specifications, data and labels.

## Reduce expenses

Reduce unnecessary expenses by only labeling relevant data.





# Labeling wrong or right, what's your standard?

## Without the CONiX Data Processing Solution

Bus  
Car  
Truck  
Car  
Traffic Sign  
Traffic Sign  
Car

<b>Class error</b> Incorrect classification	<b>False negative</b> Missing object	<b>False positive</b> Irrelevant object	<b>Size and position</b> Incorrect dimension or location
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## With the CONiX Data Processing Solution

Bus  
Car  
Car  
Car  
Car  
Truck  
Car  
Traffic Sign  
Traffic Sign  
Car

**All objects labeled correctly**



# Contact us

## b-plus Group

b-plus automotive GmbH  
Ulrichsberger Str. 17  
94469 Deggendorf, Germany

Phone +49 991 270302-0  
Fax +49 991 270302-99  
services@b-plus.com

[www.b-plus.com](http://www.b-plus.com)

