

High-performance Data Infrastructure for AI in Manufacturing

The plus10 DataCollector provides a powerful data infrastructure for the acquisition, streaming and continuous pre-processing of **machine data from any source** such as sensors, machine or robot controllers. Its simple configuration and implementation transform machine data into **Big Data** and create value through high-frequency data acquisition in milliseconds. The DataCollector works **independently of the machine manufacturer**: One solution for all supported controls*.

In addition, the DataCollector offers several features for visualizing and analyzing machine data at the control system level. The DataCollector provides the technical basis for the data-driven plus10 software tools.



High-performance
Connectivity



Downtime
Analyzer



Signal
Viewer



Cycle Time
Analyzer



Features & Functions

- Software for connecting different sources and many machines
- Minimized network traffic through intelligent data aggregation and pre-processing
- Synchronization of data between all connected data sources
- Brownfield Integration: Integration of older or existing machines into new IT systems
- Basis for integration of plus10 optimization tools Shannon®, Darwin and Hopper.

*An overview of the supported controls can be found at [plus10.de/data-collector](https://www.plus10.de/data-collector)