

# T.I.G. BASIC DATA SYSTEM

An intelligent concept for data acquisition



[www.tig.at](http://www.tig.at)

# T.I.G.



Schematic figure of a possible network

## Our concept:

The **T.I.G. ■ BASIC DATA SYSTEM** is a highly flexible concept for the acquisition of machine data. Fall back on know how collected over several decades. Integrate any machines, installations, assembly, or packaging workplaces regardless of manufacturer, year of construction, or manufacturing process!

Whatever your expansion targets – the **T.I.G. ■ BASIC DATA SYSTEM** will support your most ambitious ideas.

## Application:

The **T.I.G. ■ BASIC DATA SYSTEM** combines a number of different components depending on the respective target of a project.

Communicate with any control unit in the market in either direction.

Rely on a componentised system of hardware to integrate machines without communication interfaces (construction year, size of investment).

The **T.I.G. ■ BASIC DATA SYSTEM** has a wide range of possible applications. Choose between group acquisition or individual terminals combining a number of different technologies.

## Host computer interfaces:

**T.I.G.** and several partner companies have developed the standardised host computer interfaces Euromap 15 and Euromap 63.

Many successfully realised implementations of interfaces such as OPC or serial protocols have been among our core competences for a long time.

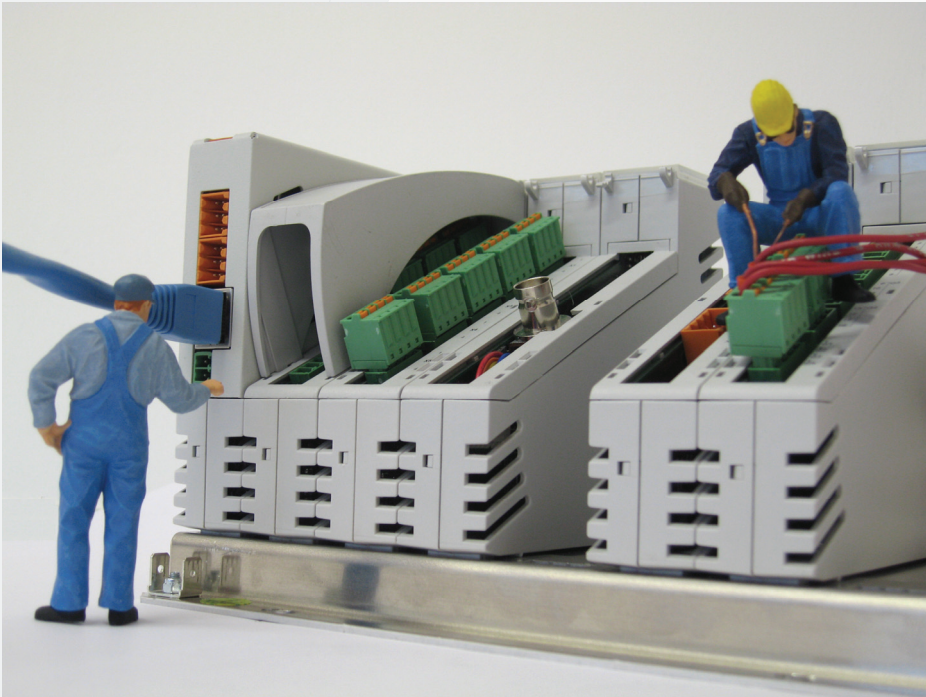
Our portfolio ranges from various bus systems, such as Ethernet, CAN bus, Bitbus, Arcnet, Profibus, and Phoenix Interbus, to wireless solutions!



Successfully integrated control units and machines

# T.I.G. ■ BASIC DATA SYSTEM

*An intelligent concept for data acquisition*



*Componentised data acquisition system*

## **Hardware components:**

*Not every machine is equipped with an interface to a host computer. Integrate older machines or such that do not have an intelligent control unit by falling back on our hardware components.*

*The **T.I.G. ■ BASIC DATA SYSTEM** is a highly flexible, industrial solution for data acquisition. Tailor your individual system to your very requirements.*

*An industrial CPU serves to buffer and process the data acquired by individual modules. Pick your modules from digital and analog input interfaces, incremental sensors, temperature probes, output interfaces etc.*

*Acquire and output the state of a machine, cycle times, and any other process data you like.*



*Small-size graphic terminal, wireless PDA, touch terminal*

## **Dialogue terminals:**

***T.I.G.** is equally flexible in making use of different components for data acquisition and in the availability of terminal devices: whatever the challenge – we offer the perfect solution!*

*The small-size graphic terminal is your means to start and/or stop production jobs, input downtime reasons, input cause and number of rejects, and inspect samples.*

*Alternatively, you might be interested in a touch screen application. The touch terminal enables all the above dialogues plus a number of exciting features more: visualise images or inspection plans, operate entire groups of machines.*

*Opt for the wireless pocket PC to be up to date at any place in your production department at any time. A comfortable information exchange fitting into your breast pocket!*

# **T.I.G.** BASIC DATA SYSTEM

*An intelligent concept for data acquisition*



## **T.I.G.**

RANKWEIL • WIENER NEUSTADT

TECHNISCHE INFORMATIONSSYSTEME GMBH

6830 Rankweil, Austria  
Lehenweg 2

T +43/5522/41693-0  
F +43/5522/41693-15

office@tig.at  
www.tig.at