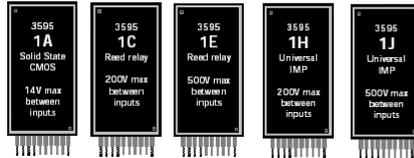


# MESTEC/PMS add-on products for IMP Modules

3595 series

IMP



SNET ISA / PCI



5000 series

IMP

Ethernet / RS485

**IMP Recorder**

## Data Logger

Software for configuration, data storage, and on-line display.

The software uses the IMP Universal Driver.



**IMP Universal Driver**

## IMP DIAdem Driver

Standard GPI Interface for all 3595 and 5000 series IMPs running under DIAdem.

## IMP LabVIEW Driver

LabVIEW VIs used as interfaces for all 3595 and 5000 series IMPs.

## IMP 32-bit DLL

DLL library for easy integration of IMPs into your MFC, C++, VB software etc.

**SNET/CAN/Ethernet Converter**

## XP Embedded PC

PC-independent interface for all 3595 and 5000 series IMPs. Configuration and data output via CAN or Ethernet. The converter supports all measuring functions of the IMPs.

## Converter Software

PC software of the converter. It makes your actual hardware, e.g., a Merlin PC, act like the SNET/CAN/Ethernet Converter.

# IMP Universal Driver

- ✓32-bit Windows DLL for Windows 98, NT, 2000, XP.
- ✓All driver products support the IMP 3595 series by use of the SNET ISA and the PCI interface as well as the IMP 5000 series – using the Ethernet and the RS485 Interface.
- ✓No timing problems – measurement data are read and then written into a cache memory using a background program.
- ✓Numerous application possibilities.

Besides the DLL library, the Universal Driver contains:

## The IMP DIADEM Driver

**DIAdem**<sup>TM</sup>

- ✓DIADEM GPI extension DLL, for DIADEM version 6.1 and higher.
- ✓Standard user interface for all interface types.
- ✓A variety of measuring functions can be used within each block.
- ✓Script support.
- ✓Autoscan function for the SNET and 485 buses.



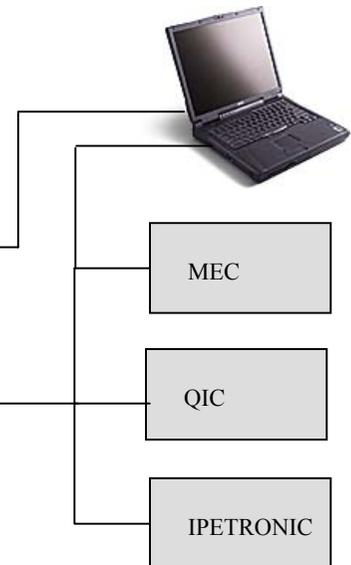
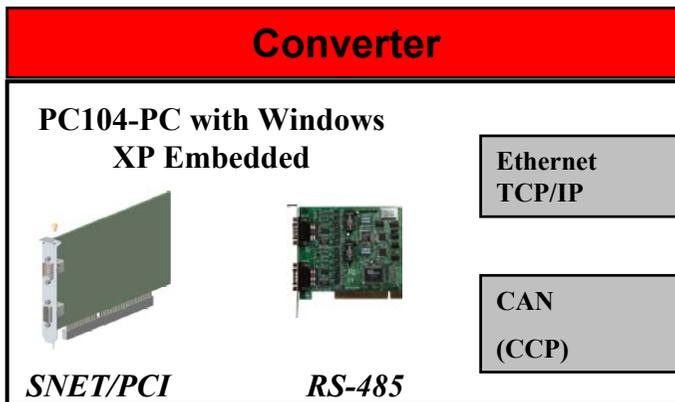
## The IMP LabVIEW Driver

- ✓Pre-configured VIs for all driver functions.
- ✓Dynamic integration of the driver DLL.
- ✓Easy use within your LabVIEW diagram.



# SNET/CAN/Ethernet Converter

- ✓ PC-independent interface for all 3595 and 5000 series IMPs.
- ✓ Wide-range DC voltage supply, suitable for automotive applications.
- ✓ Configuration and data output via CAN or Ethernet.
- ✓ Supports all measuring functions of the IMPs.
- ✓ The connection to the CAN bus and the protocol are compatible with the CAETEC QIC and IPETRONIC modules.
- ✓ Also available as PC software converter.



3595 series

5000 series

IMP

IMP

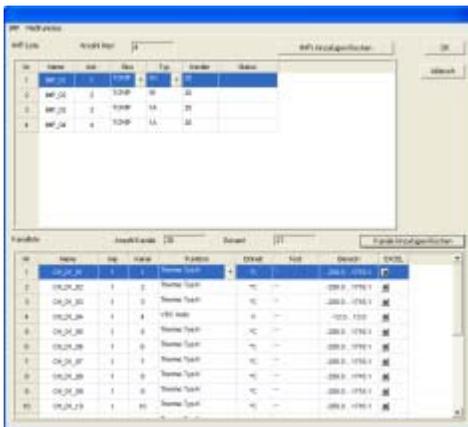


## Configuration with CCPCConfig

ON	Kanal	Variable	Identifier	Startwert	BP-Adresse	Anschluss	Message	Message	Range	Kommentar
☑	1	Hand_1	116	0	1	1	TC	TC	Auto	Test
☑	2	Hand_2	116	16	1	2	TC	TC	Auto	Test
☑	3	Hand_3	116	32	1	3	TC	TC	Auto	Test
☑	4	Hand_4	116	48	1	4	TC	TC	Auto	Test
☑	5	Hand_5	117	0	1	5	TC	TC	Auto	Test
☑	6	Hand_6	117	16	1	6	TC	TC	Auto	Test
☑	7	Hand_7	117	32	1	7	TC	TC	Auto	Test
☑	8	Hand_8	117	48	1	8	TC	TC	Auto	Test
☑	9	Hand_9	118	0	1	9	TC	TC	Auto	Test
☑	10	Hand_10	118	16	1	10	TC	TC	Auto	Test
☑	11	Hand_11	118	32	1	11	TC	TC	Auto	Test
☑	12	Hand_12	118	48	1	12	TC	TC	Auto	Test
☑	13	Hand_13	119	0	1	13	TC	TC	Auto	Test
☑	14	Hand_14	119	16	1	14	TC	TC	Auto	Test
☑	15	Hand_15	119	32	1	15	TC	TC	Auto	Test
☑	16	Hand_16	119	48	1	16	TC	TC	Auto	Test

# IMP Recorder

- ✓ Easy-to-use, cost-effective software for data acquisition employing the IMP modules.
- ✓ Makes use of the IMP Universal Driver.
- ✓ Clear-cut configuration of the IMP modules and measuring channels in tabular form.
- ✓ Choice between IMP or single-channel configuration. When the IMP configuration is used the channels of each IMP are assembled in two groups.
- ✓ Safe data storage using binary or text files.
- ✓ Representation of the measurement values in tabular form or in a Y/t diagram.
- ✓ Data output via DDE into any EXCEL table for on-line visualisation and storage.



IMP and channel configuration

