

# ADC-Bridge-TM

## Universal Teleperm M/ME interface

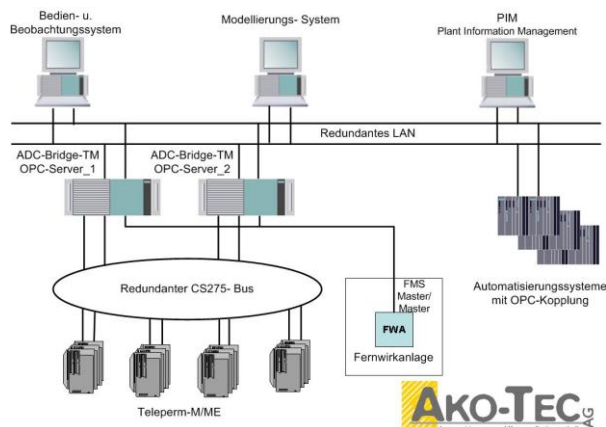
### System migrations – easily and without machinery shutdown

You want to establish a system coupling between a PIMS, LIMS, MES, or other system and Teleperm M / ME system or migrate such a system without downtime?

The ADC-Bridge (Advanced Control) allows bidirectional communication system conform to Teleperm M / ME systems.

The bridge system is recognized and addressed by the TELEPERM diagnostic tools and other nodes as just such.

In addition to the Teleperm M / ME system functions, the ADC-Bridge-TM offers functions to optimize the bus load and to avoid the overloading of the bus, and can perform time synchronization of the CS275.



The connection to the CS275 bus is system compliant via Siemens board (N-AT or N-PCI).

As an interface for connection of superior systems (DCS, PIMS, LIMS, MES, etc.), an OPC Server DA / AE is available.

In addition, the ADC-Bridge provides a COM interface with which individual drivers can be created.

The ADC-Bridge-TM is used by many control system manufacturers as standard with Teleperm M / ME migrations.

With the gradual migration from Teleperm M / ME systems to Control systems from other manufacturers ADC-Bridge is often a necessity!

For many control systems, there are individual interfaces in order to offer customers a perfectly tuned / optimized interface.

In recent years, our ADC-Bridge-TM has been widely used in areas which require a high availability and reliability.

The ADC-Bridge-TM is available as a redundant system.

Whether a data exchange between controllers or to the control and monitoring system is required, the ADC-Bridge-TM is the right choice.

In addition to the basic settings made for coupling to the CS275 bus no further configuration is required.

Since its market launch in 1995, over 200 systems have been delivered worldwide.

In Teleperm M / ME migrations to control and SCADA systems from the following manufacturers our ADC-Bridge-TM was used:

- ABB
- Emerson
- ETM
- Invensys
- Honeywell
- Siemens
- Yokogawa

A detailed list of our references is available on request.

## Overview of functions ADC-Bridge-TM:

function	Teleperm	OPC-	ADC-Bridge-TM
Parameter „lesen“	M/ME	DA	✓
-Störkreuz	M/ME		✓
Parameter „schreiben“	M/ME	DA	✓
AKS „empfangen“	M/ME	DA	✓
-Störkreuz	M/ME		✓
BKS „empfangen“	M	DA	✓
-Störkreuz	M		✓
Binärlisten „lesen“	M/ME	DA	AS220 AS220E
Klartext	M	AE	✓
MKS „empfangen“	M/ME	DA/AE	✓
-MKS-Quittierung (Bitweise)	M		AS220/23x/488 Simatic -S5 150/155 via CS-Bus
Status	M	DA/AE	AS220/23x/488 Simatic -S5 150/155 via CS-Bus
Status-Quittierung (Immer gesamt)	M		AS220/23x/488 Simatic -S5 150/155 via CS-Bus
Busstatus	M	DA/AE	✓
BST (Bausteintelegramm)	ME	DA/AE	AS220E
ZTT (Zentralteiltelegramm)	ME	DA/AE	AS220E
LUT (Lösch- und Überwachungstelegramme)	ME	DA/AE	AS220E
Aktives Lebenszeichenmonitoring (Via Baugruppenkennung)	M/ME	DA/AE	✓
Buslastbegrenzer Die ADC-Bridge erzeugt max. die eingestellte Anzahl an Telegrammen	M/ME	Via Bridge	✓
Buslast Optimierung	M/ME	Via Bridge	✓
Aktive / Passive Zeitsynchronisierung CS275 (via CS-Bus)	M/ME	DA	✓
Busstatusmeldung	M/ME	AE	✓
Plugstate	M/ME	-	✓
W-Function	M/ME	-	✓
Redundanzbetrieb „Hot- and Cold-“ standby.	M/ME	DA/AE	✓



vCard

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