

TASE.2 Product Implementation Conformance Statement (PICS)

Product name: libtase2

Product version: 2.0.7

Vendor name: MZ Automation GmbH

Definitions

Base column:

m: mandatory support

m¹: mandatory if conformance block i is implemented

o: optional

i: out of scope

F/S column:

Yes: supported

Blank: not supported

Table A.1 – Client/Server capability

PICS Proforma Reference	Capability	Base	F/S	
I. /1	Client control center		Yes	
I. /2	Server control center		Yes	

Table A.2 - TASE.2 CBBs

PICS Proforma Reference	Conformance Building Block	Base	F/S	
			Client-CR	Server-CR
I. /1	Basic Services	m	Yes	Yes
I. /2	Extended Conditions	o	Yes	Yes
I. /3	Blocked Transfers	o		
I. /4	Information Message	o	Yes	Yes
I. /5	SBO Device Control	o	Yes	Yes
I. /6	Programs	i		
I. /7	Events	i		
I. /8	Accounts	i		
I. /9	Time Series	i		

Table A.3 - Association Management

PICS Proforma Reference	Association Management	Base	F/S	
			Client-CR	Server-CR
I. /1	Supported Features	m ¹	Yes	Yes
I. /2	QOS	o		
I. /3	Associate Operation	m ¹	Yes	Yes
I. /4	Conclude Operation	m ¹	Yes	Yes
I. /5	Abort Operation	m ¹	Yes	Yes

I. /6	Security per IEC/TS 62351-4	o	Yes	Yes
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Table A.4 - Data Value

PICS Proforma Reference	Data Values	Base	F/S	
			Client-CR	Server-CR
I. /1	Data Value Model	m ¹	Yes	Yes
I. /2	VCC-specific scope	o	Yes	Yes
I. /3	ICC-specific scope	o	Yes	Yes
I. /4	Get Data Value Operation	o, m ¹	Yes	Yes
I. /5	Set Data Value Operation	o, m ¹	Yes	Yes
I. /6	Get Data Value Names Operation	o, m ¹	Yes	Yes
I. /7	Get Data Value Type Operation	o, m ¹	Yes	Yes
I. /8	IndicationPoint Object	m	Yes	Yes
I. /9	ControlPoint Object	m	Yes	Yes
I. /10	ProtectionEquipmentEvent Object	o	Yes	Yes

Table A.5 - Data Sets

PICS Proforma Reference	Data Sets	Base	F/S	
			Client-CR	Server-CR
I. /1	Data Set Model	m ¹	Yes	Yes
I. /2	VCC-specific scope	o	Yes	Yes
I. /3	ICC-specific scope	o	Yes	Yes
I. /4	Create Data Set Operation	o	Yes	Yes
I. /5	Delete Data Set Operation	o	Yes	Yes
I. /6	Get Data Set Element Values Operation	o, m ¹	Yes	Yes
I. /7	Set Data Set Element Values Operation	o, m ¹	Yes	Yes
I. /8	Get Data Set Names Operation	o, m ¹	Yes	Yes
I. /9	Get Data Set Element Names Operation	o, m ¹	Yes	Yes

Table A.6 - DS Transfer Sets

PICS Proforma Reference	DS Transfer Sets	Base	F/S	
			Client-CR	Server-CR
I. /1	Data Set Transfer Set Model	m ¹	Yes	Yes
I. /2	Start Transfer Operation	m ¹	Yes	Yes
I. /3	Stop Transfer Operation	m ¹	Yes	Yes
I. /4	Get Next DSTransfer Set Operation	m ¹	Yes	Yes
I. /5	IntervalTimeOut	o, m ¹	Yes	Yes
I. /6	ObjectChange	o, m ²	Yes	Yes
I. /7	OperatorRequest	o, m ¹	Yes	Yes
I. /8	IntegrityTimeout	o, m ²	Yes	Yes
I. /9	OtherExternalEvent	o, m ¹	Yes	Yes
I. /10	EventCodeRequested	o, m ¹	Yes	Yes
I. /11	Start Time	m ¹	Yes	Yes
I. /12	Interval	m ¹	Yes	Yes
I. /13	TLE	o, m ²	Yes	Yes
I. /14	Buffer Time	o, m ²	Yes	Yes
I. /15	Integrity Check	o, m ²	Yes	Yes
I. /16	DSConditions Requested	o, m ¹	Yes	Yes
I. /17	Block Data	o, m ³		
I. /18	Critical	o, m ²	Yes	Yes
I. /19	RBE	o, m ²	Yes	Yes

Table A.7 – Information Message Objects

PICS Proforma Reference	Supervisory Control and Data Acquisition	Base	F/S	
			Client-CR	Server-CR
I. /1	Information Message Transfer Set Model	m ⁴	Yes	Yes

Table A.8 - Special Transfer Set Objects

PICS Proforma Reference	Special Transfer Set Objects	Base	F/S	
			Client-CR	Server-CR
I. /1	Transfer Set Name	o,m ¹	Yes	Yes
I. /2	Next DSTransfer Set	o	Yes	Yes
I. /3	Next TSTransfer Set	i		
I. /4	Event Code	o,m ¹	Yes	Yes
I. /5	DSConditionsDetected	o,m ¹	Yes	Yes
I. /6	TSConditionsDetected	i		
I. /7	TACconditionsDetected	i		
I. /8	Transfer Set Time Stamp	o,m ¹	Yes	Yes

Table A.9 - SBO Devices

PICS Proforma Reference	Devices	Base	F/S	
			Client-CR	Server-CR
I. /1	Device Model	m ⁵	Yes	Yes
I. /2	Select Operation	m ⁵	Yes	Yes
I. /3	Operate Operation	m ⁵	Yes	Yes
I. /4	Get Tag	o	Yes	Yes
I. /5	Set Tag	o	Yes	Yes
I. /6	Timeout Action	o,m ⁷		
I. /7	Local Reset Action	o		
I. /8	Success Action	o,m ⁷		
I. /9	Failure Action	o,m ⁷		

Table A.10 – Object models – Supervisory Control and Data Acquisition

PICS Proforma Reference	Supervisory Control and Data Acquisition	Base	F/S	
			Client-CR	Server-CR
I. /1	IndicationPoint Object	m ¹	Yes	Yes
I. /2	ControlPoint Object	m ⁵	Yes	Yes
I. /3	ProtectionEquipmentEvent Object	o	Yes	Yes

Table A.11 – Object models – Information Message

PICS Proforma Reference	Supervisory Control and Data Acquisition	Base	F/S	
			Client-CR	Server-CR
I. /1	Information Message Object	m ⁴	Yes	Yes