

SIEMENS

***MK8000 OPC Server Interface
Specification for SiPass***

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SiPass

GRN - Added new object:

Entro controller DC22

Entro controller DC12

Entro controller DC800

Entro controller PD30/40

Entro controller IOR6

Summary view

SiPass Model

SiPass Application	Obj. Name: ACNOAPMN	NT ID: 1
Physical Tree	Obj. Name: UDUDUDUD	NT ID: 2
ACC Unit	Obj. Name: HWNOCCUD	NT ID: 4
FLN	Obj. Name: HWCMRHAD	NT ID: 5
DRI	Obj. Name: HWCOPDUD	NT ID: 6
Reader Link	Obj. Name: ACNOCRUD	NT ID: 14
Aux Input	Obj. Name: HWNODIUD	NT ID: 15
Aux Output	Obj. Name: HWNODOUD	NT ID: 16
SRI	Obj. Name: HWCOPDUD	NT ID: 7
Aux Output	Obj. Name: HWNODOUD	NT ID: 16
Aux Input	Obj. Name: HWNODIUD	NT ID: 15
Reader Link	Obj. Name: ACNOCRUD	NT ID: 14
IPM	Obj. Name: HWCOPDUD	NT ID: 8
Aux Output	Obj. Name: HWNODOUD	NT ID: 16
Aux Input	Obj. Name: HWNODIUD	NT ID: 15
OPM	Obj. Name: HWCOPDUD	NT ID: 9
Aux Output	Obj. Name: HWNODOUD	NT ID: 16
Aux Input	Obj. Name: HWNODIUD	NT ID: 15
ERI	Obj. Name: HWCOPDUD	NT ID: 10
Aux Output	Obj. Name: HWNODOUD	NT ID: 16
Aux Input	Obj. Name: HWNODIUD	NT ID: 15
Reader Link	Obj. Name: ACNOCRUD	NT ID: 14
8IO	Obj. Name: HWCOPDUD	NT ID: 11
Aux Output	Obj. Name: HWNODOUD	NT ID: 16

Aux Input	Obj. Name: HWNODIUD	NT ID: 15
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CerPass Controller	Obj. Name: HWNOCCUD	NT ID: 17
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Logical Tree	Obj. Name: UDUDUDUD	NT ID: 3
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Door	Obj. Name: ACNODRUD	NT ID: 12
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Reader	Obj. Name: ACNOCRUD	NT ID: 13
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SiPass Application - (ACNOAPMN)

Application node of the SiPass Subsystem.

This is the principal node, which represents the connection status with the SiPass system.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet ✓

No abnormal conditions present. The available command is the Status request.

1351 Anomaly Ack ✓

The configuration in MK8000 is not aligned with the actual physical configuration in SiPass (ACC or other physical devices). No acknowledge is needed.

1369 Not Aligned

The SiPass system is not aligned to the field.

1370 Alignment In Progress

The alignment phase is in progress.

1999 Fault Ack

The SiPass system is not reachable.

Physical Tree - (UDUDUDUD)

This object is a folder that contains all the physical device objects.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

Logical Tree - (UDUDUDUD)

This object is a folder that contains all the logical device objects.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

ACC Unit - (HWNOCCUD)

The ACC (Advanced Central Controller) unit is the main hardware access component.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The ACC is physically disconnected from the SiPass system.
No acknowledge is needed.

FLN - (HWCMRHAD)

The FLN (Field Network) is the physical channel for communications with local field devices.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

DRI - (HWCOPDUD)

The DRI (Dual Reader Interface) is a physical device providing an interface between the components that secure a door and the ACC.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. No acknowledge is needed.

SRI - (HWCOPDUD)

The SRI (Single Reader Interface) is a physical device providing an interface between the components that secure a door and the ACC.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. No acknowledge is needed.

IPM - (HWCOPDUD)

The IPM (Input Point Module) is an input/output module.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. No acknowledge is needed.

OPM - (HWCOPDUD)

The OPM (Output Point Module) is an input/output module.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. No acknowledge is needed.

ERI - (HWCOPDUD)

The ERI (Eight Reader Interface) is a door controller that can be configured to control up to 8 doors separately, or up to 4 doors that require both entry and exit readers.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. No acknowledge is needed.

8IO - (HWCOPDUD)

The 8IO (8 Input/Output) is an input/output module.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. No acknowledge is needed.

Door - (ACNODRUD)

The Door object is the logical representation of the door; it corresponds to a DRI, SRI or similar controllers.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

401 Alarm & Tamper Ack

This event is the combination of the Alarm and Tamper state. The event has been acknowledged.

402 Alarm & Tamper Unreset ✓

This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.

501 Alarm Ack ✓ ✓

The door is forced. The available commands are: Unlock (Disarm), Allow Access (Active).

502 Alarm Unreset ✓ ✓ ✓

The door is no longer forced. The alarm must be reset by the operator.

511 Alarm & Fault Ack

This event is the combination of the Alarm and Fault state. The event has been acknowledged.

512 Alarm & Fault Unreset ✓

This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.

901 Tamper Ack ✓ ✓

The door is held. The alarm has been acknowledged.

902 Tamper Unreset ✓ ✓ ✓

The door is no longer held. The alarm must be reset.

911 Tamper & Fault Ack

This event is the combination of the Tamper and Fault state. The event has been acknowledged.

912 Tamper & Fault Unreset ✓

This event is the combination of the Tamper and Fault state. The event should now be reset by the operator.

1000 Quiet ✓ ✓

No abnormal conditions present. The door is locked. Available commands are: Unlock (Disarm), Allow Access (Active).

1328 Blocked Unreset ✓

The door is blocked. The event should now be reset by the operator.

1329 Blocked Ack

The door is blocked. The event has been acknowledged.

1351 Anomaly Ack ✓

The door is unlocked. Available command is: Lock (Arm).

1999 Fault Ack

The door (the physical device) is physically disconnected.

Reader - (ACNOCRUD)

The Reader is the physical IN or OUT card reader.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

901 Tamper Ack

The event has been acknowledged.

902 Tamper Unreset

✓

The event should now be reset by the operator.

911 Tamper & Fault Ack

This event is the combination of the Tamper and Fault state. The event has been acknowledged.

912 Tamper & Fault Unreset

✓

This event is the combination of the Tamper and Fault state. The event should now be reset by the operator.

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The event has been acknowledged.

Aux Input - (HWNODIUD)

The Aux Input is an Input object for the following devices: DRI, SRI, IPM, OPM, ERI, 8IO.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

901 Tamper Ack

The input is in tamper.

902 Tamper Unreset



The input is no longer in tamper. The alarm must be reset by the operator.

950 Active

The input is active.

1000 Quiet

No abnormal conditions present.

Aux Output - (HWNODOUD)

The Aux Output is an Output object for the following devices: DRI, SRI, IPM, OPM, ERI, 8IO.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active



The output is active.

1000 Quiet



No abnormal conditions present.

CerPass Controller - (HWNOCCUD)

The CerPass controller is like the SiPass ACC (Advanced Central Controller) unit; it controls the same kind of objects.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The controller is physically disconnected from the SiPass system.
No acknowledge is needed.

DC22 - (HWCOPDUD)

The DC22 is a physical device providing an interface between the components that secure a door and the ACC.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. The event has been acknowledged.

DC12 - (HWCOPDUD)

The DC12 is a physical device providing an interface between the components that secure a door and the ACC.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. The event has been acknowledged.

DC800 - (HWCOPDUD)

The DC800 is a physical device providing an interface between the components that secure a door and the ACC.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. The event has been acknowledged.

PD30/40 - (HWCOPDUD)

The PD30/40 is a physical device providing an interface between the components that secure a door and the ACC.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. The event has been acknowledged.

IOR6 - (HWCOPDUD)

The IOR6 is an input/output module.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1999 Fault Ack

The device is physically disconnected from the ACC. The event has been acknowledged.

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