SIEMENS

MK8000 OPC Server Interface

Specification for CC4

Building Technologies
Fire Safety & Security Products

The CS4 is an intrusion detection system with individual addressing. It comprises the CC4 control unit and the CT4 operating units. The ADI addressing elements transmit the detector signals to the control unit.

The structure of the CS4 is divided into logical system levels whose allocation to software and hardware is determined by planning and parameterisation.

Zone (max. 128)
The lowest level to which the user has access. A zone comprises a single detector, or a group of detectors. Each zone has its own alarm organisation, and alarm signals are indicated according to specific zones. Zones must be allocated to the ADI detector loops.

Section(max. 32)
A group of one or more zones. Within the control unit's configuration, a section can be allocated unlimited zones. A section is the operating level for switching ON/OFF one or several zones.

Area (max. 1)
One or more sections. Area is the switchover level for the total alarm organisation (UNSET/SET) of a building or part of a building.

Cs4 Application - (INNOAPMN)

The `CS4 Application` object represents the entire Cs4 and the geographical area covered by the intrusion protection.

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
500	Alarm Unack	✓		✓	✓								✓
This is a severe and high-risk condition which indicates that a threatened user has entered the Duress password on a terminal; the event should now be acknowledged by the operator													
502	Alarm Unreset		✓	✓	✓								✓
This is a severe and high-risk condition which indicates that a threatened user has entered the Duress password on a terminal. The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓		✓	✓								✓
This event is the combination of the Alarm and Fault state. The event should now be acknowledged 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.													
800	Prealarm Unack	✓		✓	✓								✓
This is indicating a potentially dangerous condition occurred on the CT12 terminal, the list includes 3 cases, namely: - an authorised user (one given special permissions) logged-on to the terminal resetting his/her password because he/she had forgotten his/her valid access code; - an individual entered a wrong password code too many times on the CT12; - part of the security protection was disarmed by an authorised operator during a time lock period, i.e. a period of time when that type of exclusion (unlock) was not permitted according to the programmed time schedule. the event should now be acknowledged by the operator													
801	Prealarm Ack												✓
The event has been acknowledged.													
802	Prealarm Unreset		✓	✓	✓								✓
The event should now be reset by the operator.													

810	Prealarm & Fault Unack	✓		✓	✓		✓

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

811	Prealarm & Fault Ack			✓	✓		✓

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

812	Prealarm & Fault Unreset		✓	✓	✓		✓

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

1000	Quiet				✓		✓

No abnormal condition present

1100	Test			✓	✓		✓

The security system has been locally set into maintenance/revision mode for technical activities.

1300	Disarmed			✓			✓

This condition indicates that the entire security protection has been changed to disarmed or attended/day mode.
This is typically done during daytime or whenever the area to be protected does not require the system to detect intruders and the security sections are consequently disarmed. Note however that, depending on specific configurations, some security sections may also operate in attended/day mode or in same cases only in attended/day mode.

1350	Anomaly Unreset		✓	✓	✓		✓

The event should now be reset by the operator.

1351	Anomaly Ack			✓	✓		✓

The event has been acknowledged.

1352	Anomaly Unack	✓		✓	✓		✓

The anomaly condition indicates at least one of the following conditions:
- Recoverable communication fault: it indicates a failure in one of the two connections to a loop network (Cerloop), i.e. the condition of data lines that connect the CS4 with its two neighbouring nodes within the Cerloop ring topology;
- Arm/disarm switching blocked: the system switching could not properly terminate because of some other events pending (e.g.: alarms/faults) that must first be addressed;
- Configuration in progress: an authorised user is modifying to the local CS4 settings;
- Out of scan: part of the CS4 objects have been set out of scan and therefore ignored
The event should now be acknowledged by the operator

1369	Not Aligned

The control unit is not aligned to the field.

1370	Alignment In Progress						

The alignment phase is in progress.

1998	Fault Unreset		✓	✓	✓		✓

The event should now be reset by the operator.

1999	Fault Ack			✓	✓		

The event has been acknowledged.

2000	Fault Unack	✓		✓	✓		✓

A faulty condition has been detected on the CZ12 or on the communication link to it; the event should now be acknowledged by the operator

Control unit - (INNOCCUD)

The `Control unit` object represents the possible faulty conditions related to the CS4 control unit, and to the general health of the physical subsystem.

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 condition present													
1998	Fault Unreset		✓										
A faulty condition has been detected in the CZ12 Control unit and has been acknowledged. The event should now be reset by the operator.													
2000	Fault Unack	✓											
A faulty condition has been detected in the CZ12 Control unit and should be acknowledged by the operator; the event should now be acknowledged by the operator													

Detection lines - (INNODCAD)

The `Detection lines` object represents the protection against tampering with these lines.The detection lines connect the intrusion detectors installed all over the protected building areas.

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
900	Tamper Unack	✓											

Tamper conditions of the physical lines connecting the intrusion detectors installed over the entire protected area; the event should now be acknowledged by the operator

902	Tamper Unreset		✓										

The event should now be reset by the operator.

1000	Quiet												

No abnormal condition present

1300	Disarmed												

This condition indicates that the tamper protection lines has been changed to disarmed.

External device - (INNOPDET)

The `External device` object represents the health of an external unit installed in the CS4 unit, and reports its own faults.

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 condition present													
1998	Fault Unreset		✓										
The event should now be reset by the operator.													
2000	Fault Unack	✓											
A faulty condition has been detected on the external device; the event should now be acknowledged by the operator													

External horn - (INNOHOET)

The `External horn` object represents the alarm siren that can report its status conditions. The horn control is local to the CS4 unit.

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 external horn is active.

1000 Quiet

No abnormal condition present

1300 Disarmed

The external horn has been excluded.

Panel protection - (INNOCAGE)

The `Panel protection` object represents the tampering protection of the CC4 physical cabinet.

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
900	Tamper Unack	✓			✓								
The tamper condition indicates that the CZ12 cabinet has been opened; the event should now be acknowledged by the operator													
902	Tamper Unreset		✓		✓								
The event should now be reset by the operator.													
1000	Quiet				✓								
No abnormal condition present													
1300	Disarmed			✓									
This condition indicates that the cabinet security protection has been disabled by an authorised operator.													
1351	Anomaly Ack				✓								
The event has been acknowledged.													
1352	Anomaly Unack	✓			✓								
The cabinet protection has been disarmed by an authorised operator during a time lock period, i.e. a period of time when that type of exclusion is not permitted according to the programmed schedule; the event should now be acknowledged by the operator													

Teletransmission device - (INNORDUD)

The `Teletransmission device` object represents the state of the ‘Remote transmission faulty’ input, which can be activated by the remote transmission equipment connected to the CS4 control unit.

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 condition present													
1998	Fault Unreset		✓										
The event should now be reset by the operator.													
2000	Fault Unack	✓											
A faulty condition has been detected on the teletransmission device; the event should now be acknowledged by the operator													

Alarm transmission - (INNORDAL)

The `Alarm transmission` object represents the status of the remote phone calls made after an alarm has been detected.

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 alarm remote call has been triggered.

1000 Quiet

No abnormal condition present

1351 Anomaly Ack

The alarm remote call has been delayed. The event has been acknowledged.

Fault transmission - (INNORDFL)

The `Fault transmission` object represents the status of the remote calls following the detection of a fault.

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 fault remote call has been triggered.

1000 Quiet

No abnormal condition present

1351 Anomaly Ack

The fault remote call has been delayed. The event has been acknowledged.

Section - (INDESEGE)

The `Section` objects are considered parts of the entire intrusion-protected area represented by the `CS4 Application` object. Sections can be switched on and off individually, by specific commands, or globally by switching the Application area on and off. A Section is made up of `Zone` objects. The connected zones inherit whatever state the Section is set to.

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 condition present.													
1100	Test				✓			✓					
The section has been set into test mode to convert the classification of the alarm events concerning the associated zones: from real alarm to test alarm.													
1300	Disarmed			✓									
The section has been disarmed; when in this condition, the associated zones will not generate alarms. Tampers and faults can however be detected.													
1351	Anomaly Ack			✓									
The section has been disarmed by an authorised operator during a time lock period, i.e. a period of time when that type of exclusion is not permitted according to the programmed schedule. The event has been acknowledged.													

Burglary zone - (INBUZOGE)

The `Burglary zone` object detects burglary in a monitored area via a contact or electronic detector.

The zones are the lowest hierarchical level visible to the user. Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state. The event should now be acknowledged by the operator													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The detector has reported an alarm: the door has been forced open; the event should now be acknowledged by the operator													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the door detector has been tampered with; the event should now be acknowledged by the operator													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1351	Anomaly Ack		✓	

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the door has not been properly closed.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

Door monitor zone - (INBUZODM)

The `Door monitor zone` object supervises the bolt contact of a door. That is, it checks whether or not a door is closed.
If the bolt contact is open and the corresponding section is switched ON, the supervisory message «Lock supervision» is displayed (no Alarm), and the output «Warning signal» is activated.

The zones are the lowest hierarchical leve visible to the user. Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state.The event should now be acknowledged by the operator.													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The intrusion detector has reported an alarm. The specific event depends on the type of detector; the event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the detector has been tampered with; the event should now be acknowledged by the operator.													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present.													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1316	Manual		✓	

1351	Anomaly Ack			

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the detector is currently triggered.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

Hold-up zone - (INHOZOGE)

The `Hold-up zone` object detects alarms by manual call point, or hold-up foot rail. The hold-up zone can be configured as discreet on the control unit. That is, it is possible to set parameters so that although an alarm signal is transmitted, the buzzer in the CT4 operating panel is not activated.

The zones are the lowest hierarchical level that is visible to the user. Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state. The event should now be acknowledged by the operator													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The detector has reported an alarm: the door has been forced open; the event should now be acknowledged by the operator													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the door detector has been tampered with; the event should now be acknowledged by the operator													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1351	Anomaly Ack		✓	

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the door has not been properly closed.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

Theft zone - (INTHZOGE)

The `Theft zone` object detects alarms when theft of items is detected via a contact or electronic detector.

The zones are the lowest hierarchical level that is visible to the user. Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state. The event should now be acknowledged by the operator.													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The detector has reported an alarm: the door has been forced open; the event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the door detector has been tampered with; the event should now be acknowledged by the operator.													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present.													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1351	Anomaly Ack		✓	

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the door has not been properly closed.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator.

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

Duress zone - (INDUZOGE)

The `Duress zone` object detects duress alarms by manual call point. The alarm is discreet. That is, it is without sound and without indication.

The zones are the lowest hierarchical level that is visible to the user. Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state. The event should now be acknowledged by the operator.													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The detector has reported an alarm: the door has been forced open; the event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the door detector has been tampered with; the event should now be acknowledged by the operator.													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present.													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1351	Anomaly Ack		✓	

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the door has not been properly closed.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

Automatic fire zone - (FIDEZOAU)

The CS4 can also process fire detection messages. The `Automatic fire zone` object detects alarms by automatic detectors for smoke detection.

The zones are the lowest hierarchical level that is visible to the user. Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state. The event should now be acknowledged by the operator.													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The detector has reported an alarm: the door has been forced open; the event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the door detector has been tampered with; the event should now be acknowledged by the operator.													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present.													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1351	Anomaly Ack		✓	

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the door has not been properly closed.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator.

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

Manual fire zone - (FIDEZOMA)

The CS4 can also process fire detection messages. The `Manual fire zone` object detects alarms by manual call points.

The zones are the lowest hierarchical level that is visible to the user.Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state. The event should now be acknowledged by the operator.													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The detector has reported an alarm: the door has been forced open; the event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the door detector has been tampered with; the event should now be acknowledged by the operator.													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present.													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1351	Anomaly Ack		✓	

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the door has not been properly closed.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator.

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

Building services zone - (BSDEZOGE)

The CS4 can also process building service messages. The `Building services zone` object detects alarms by automatic detectors for plant monitoring.

The zones are the lowest hierarchical level that is visible to the user. Unless an individual zone has been disconnected, it assumes the state of its parent Section.

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
400	Alarm & Tamper Unack	✓							✓				
This event is the combination of the Alarm and Tamper state. The event should now be acknowledged by the operator.													
402	Alarm & Tamper Unreset		✓						✓				
This event is the combination of the Alarm and Tamper state. The event should now be reset by the operator.													
500	Alarm Unack	✓							✓				
The detector has reported an alarm: the door has been forced open; the event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
900	Tamper Unack	✓							✓				
This condition indicates that the door detector has been tampered with; the event should now be acknowledged by the operator.													
902	Tamper Unreset		✓						✓				
The event should now be reset by the operator.													
1000	Quiet								✓				
No abnormal condition present.													
1100	Test								✓				
When in test mode, the triggered detectors report the Test alarm condition.													
1111	Test-Alarm Ack								✓				
This condition represent the test active state for the zone. The event has been acknowledged.													

1351	Anomaly Ack		✓	

The event has been acknowledged.

1352	Anomaly Unack	✓	✓	

The anomaly indicates that the zone is not ready to switch on (Armed) because the door has not been properly closed.
This condition is reported when the parent section is commanded to switch on but the zone, if set on, would immediately be set in alarm. The event should now be acknowledged by the operator

1400	Disconnected			✓

The zone has been set out of service; when in this condition, the object will not generate alarms, nor tampers or fault.

User - (INNOUSGE)

The `User` objects are the logical representation of the users defined in the CS4 system who are authorised to login and use the CT terminal for controlling the intrusion 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
950	Active							✓					
The user still have the factory code.													
1000	Quiet				✓		✓						
No abnormal condition present.													
1200	Armed				✓		✓						
The user is logged onto the control unit.													
1300	Disarmed			✓			✓						
The user is disabled.													

Time program - (INNOTPGE)

The `Time program` objects represent the time schedules that tell the system when to activate different levels of security. For example, times such as normal business hours, nights, weekends, and holidays.

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 time program was been activated.

1000 Quiet

No abnormal condition present.

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