The ALERT OPC SERVER enables you, among other things, to monitor the application, data servers, tags, tag groups, users and groups.

To access Alert’s OPC Server, right click on Tags -> Add a tag -> Server = Alert.OPCServer.1 -> Item button.

Below are the different items available on Alert’s OPC Server and their description.

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**SYSTEM**

**System.LinkStatus**
Supervision link status:
0 = link not established,
1 = connection in progress,
2 = link established,
3 = link failure

**System.RedundancyStatus**
Redundancy status:
0 = redundancy not initialized,
1 = redundancy test in progress,
2 = redundancy OK,
3 = redundancy failure,
4 = waiting for redundant station initialization

**System.AlertLock**
Call inhibition (redundant mode)

**System.DBStatus**
Database status:
0 = database not initialized,
1 = database initialization in progress,
2 = database successfully initialized,
3 = database connection failed

**System.ValidPort**
Number of valid ports

**System.PortFail**
Communication port failure (modem):
0 = all ports ok,
1 = at least one port is failed,
2 = all ports are failed

**System.RemotePortFail**
Communication port failure (modem) on redundant station:
0 = all ports ok,
1 = at least one port is failed,
2 = all ports are failed

System.ActivePortFail
Communication port failure (modem) on active station:
0 = all ports ok,
1 = at least one port is failed,
2 = all ports are failed

System.InactivePortFail
Communication port failure (modem) on inactive station:
0 = all ports ok,
1 = at least one port is failed,
2 = all ports are failed

System.Time
Number of elapsed seconds since Alert start

System.RedundancyFail
Redundancy failure:
0 = redundant station ok,
1 = link or port failure on redundant station,
2 = link failure with redundant station

System.LinkFail
Application link failure (DDE or OPC)

System.RemoteLinkFail
Application link failure (DDE or OPC) on redundant station

System.DongleRemoved
Dongle read failure counter. Elapsed time in minutes since the dongle disconnection

System.TagCount
Number of declared tags

System.COM1
Com port status:
0 = closed,
1 = com failure,
2 = initializing,
3 = ready,
4 = call in progress,
5 = connected data,
6 = connected fax/voice,
7 = disconnecting

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System.CAPI1
Com port status:
0 = closed,
1 = com failure,
2 = initializing,
3 = ready,
4 = call in progress,
5 = connected data,
6 = connected fax/voice,
7 = disconnecting

System.SOCKET1
Com port status:
0 = closed,
1 = com failure,
2 = initializing,
3 = ready,
4 = call in progress,
5 = connected data,
6 = connected fax/voice,
7 = disconnecting

System.COM1.Fail
Communication port failure

System.CAPI1.Fail
Communication port failure

System.SOCKET1.Fail
Communication port failure

DATASERVER

DataServer.<SERVER>.Status
Status of the data server <SERVER>:
0=Data server connected, no alarm,
1=Active alarms on the data server, all acknowledged,
2=All alarms inactive on the data server, but at least one to acknowledge,
3=Active and unacknowledged alarms on the data server,
4=Link failure with the data server,
8=Data server polling stopped.

TAGGROUP

TagGroup.<GROUP>.Status
Status of the tag group <GROUP>:
0=No alarm in the group,
1=Active alarms in the group, all acknowledged,
2=All alarms inactive in the group, but at least one to acknowledge,
3=Active and unacknowledged alarms in the group,
4=Link failure with at least one tag of the group,
8=Polling stopped for all tags of the group.

TAG

Tag.<TAG NAME>.Value
Current tag value

Tag.<TAG NAME>.AlarmActive
Activation status of the alarm (0=inactive, 1=active)

Tag.<TAG NAME>.AlarmAck
Acknowledgment status of the alarm (0=alarm not acknowledged, 1=alarm acknowledged)

Tag.<TAG NAME>.AlarmAckUser
Name of the operator who has acknowledged the alarm

Tag.<TAG NAME>.LastCallUser
Name of the last called operator

Tag.<TAG NAME>.LastCallNum
Last called number

Tag.<TAG NAME>.Message
Long alarm message

Tag.<TAG NAME>.CallStatus
Call status of group <GROUP>:
0=no call,
1=call in progress,
2=call transmitted (wait for call acknowledgment,
3=group not warned (call fail),
4=group warned (calls acknowledged),
5=relief group called,
6=call delayed,
7=relief group not warned,
8=relief group warned,
9=call finished (no more alarm for the group)

**Tag.<TAG NAME>.CallGroup**
Group to call

**Tag.<TAG NAME>.TextFile**
Name of the text file attached to the alarm

**Tag.<TAG NAME>.AudioFile**
Name of the audio file attached to the alarm

**Tag.<TAG NAME>.Code**
Short alarm message

**USER**

**User.<USER>.OnDuty**
Duty status of user <USER>:
0 = user of duty,
1 = user on duty

**User.<USER>.CallStatus**
Call status of user <USER>:
0 = no call,
1 = call in progress,
2 = call suspended,
3 = call succeeded,
4 = call failed,
5 = call acknowledged,
6 = call not acknowledged,
7 = call cancelled

**GROUP**

**Group.<GROUP>.Status**
On-call status of group <GROUP>:
0 = No team planned on schedule,
1 = Team planned in reduced duty,
2 = Team planned in normal service,
3 = No active operator in on-call team

**Group.<GROUP>.Team**
Team to call for the group <GROUP>
Group.<GROUP>.DerogTeam
Derogation team for the group <GROUP>

Group.<GROUP>.Derogation
Derogation status of group <GROUP>:  
0=No derogation (on-call schedule is active),  
1=Group in derogation

Group.<GROUP>.CallStatus
Call status of group <GROUP>:  
0=no call,  
1=call in progress,  
2=call transmitted (wait for call acknowledgment,  
3=group not warned (call fail),  
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