

Airleader OPC UA Server

The OPC UA server is available directly as an add-on in the new AIRLEADER control generations Master II+, Master CN II+, Easy.

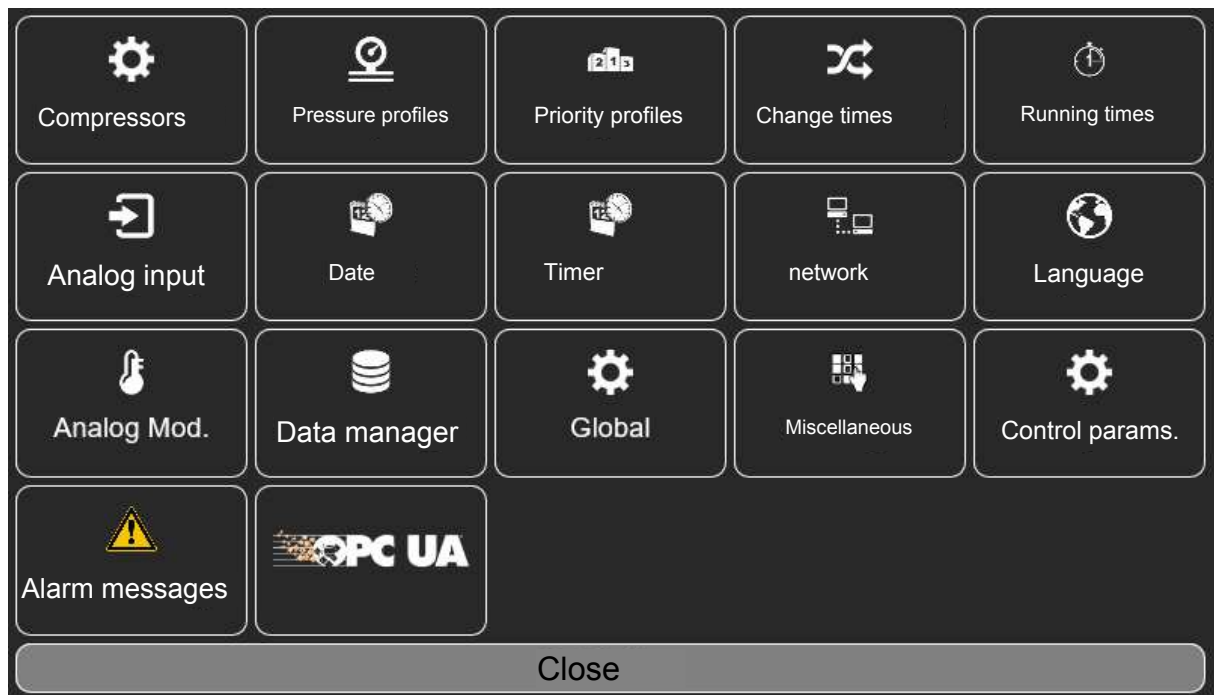
The OPC UA server has the following security modes:
None, Sign, Sign & Encrypt

The endpoint URL is:

opc.tcp://airleader_<serial number>:52530/airleader

When a client connects for the first time, it must trust the server certificate. The server initially rejects the secure connection until the client's certificate has also been accepted as trusted on the server. Accept it using the controller touchscreen or web interface:





By clicking on the “OPC UA” button you get access to the certificates.



OPC UA client certificates

Change hostname

Host: airleader_3203-00010968
Endpoint: opc.tcp://airleader_3203-00010968:52530/airleader
Security Modes: None, Sign, Sign & Encrypt

Accepted certificates	Rejected certificates
	O=Prosyst OPC, CN=UaBrowser@W7-02 [Annehmen] [Löschen] Fri Feb 12 13:49:08 UTC 2021 - Mon Feb 10 14:49:08 UTC 2031

Close

Client certificates end up on the “Rejected Certificates” page the first time they are accessed. By clicking [Accept] next to the rejected certificate, it is accepted and moved to the “Accepted Certificates” page.

A secure connection for the client should now be possible.

OPC UA client certificates

Change hostname

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Endpoint: opc.tcp://airleader_3203-00010968:52530/airleader
Security Modes: None, Sign, Sign & Encrypt

Accepted certificates	Rejected certificates
O=Prosyst OPC, CN=UaBrowser@W7-02 [Reject] Fri Feb 12 13:49:08 UTC 2021 - Mon Feb 10 14:49:08 UTC 2031	

Close

The hostname can also be changed on this page. If the host name changes, the endpoint URL also changes. After changing the host name, the OPC UA server must be restarted. This is done under “Settings->Other->Restart OPC UA”.

The OPC objects:

▼ Objects	
▼ AL-Master ▶ AE1 ▶ AE2 ▶ AE3 ▶ AE4 ▶ Consumption ▼ Module_01 ▶ AE1 ▶ AE2 ▶ B ▶ E ▶ K ▶ L ▶ Loadtime ▶ M ▶ Number ▶ R1 ▶ R2 ▶ Runningtime ▶ S ▶ Module_02 ▶ Module_03 ▶ Module_04	AL-Master = root node AE1-AE4 = controller analogue inputs (Float) Consumption = current total air consumption Module_x.AE1 = analogue input 1 of module x (Float) Module_x.AE2 = analogue input 2 of module x (Float) Module_x.B = digital input B, compressor ready (bool) Module_x.E = communication error (bool) Module_x.K = compressor module (bool) Module_x.L = compressor loaded (bool) Module_x.M = digital input M, motor running (bool) Module_x.S = digital input S, compressor fault (bool) Module_x.R1 and R2 = switching relay state Module_x.Number = module bus address Module_x.Loadtime = compressor loaded hours Module_x.Running = total compressor running hours